



iCreate presents iMovie

Tips, Tricks & Fixes



Now you can edit videos like a pro

90
pages of
guides and
advice



A complete guide to the No.1 Mac video editing app

Including step-by-step secrets how to: edit video, fix colours, tweak sound effects, add maps, correct camera shake, splice video with precision, experiment with themes, edit HD footage, upload to Facebook, work with multiple sources & more

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Imagine Publishing Ltd
Richmond House
33 Richmond Hill
Bournemouth
Dorset BH2 6EZ
☎ +44 (0) 1202 586200

Website: www.imagine-publishing.co.uk

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Compiled by
Mark Kendrick

Layout by
James Shead

Proofed by
Katy Tanner

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Including step-by-step secrets how to: edit video, fix colours, tweak sound effects, add maps, correct camera shake, splice video with precision, experiment with themes, edit HD footage, upload to Facebook, work with multiple sources & more

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All you ever wanted to know about iMovie '09 in this indispensable digital guidebook



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90
pages of
guides and
advice



iMovie comes as part of the incredible iLife '09 suite of creative software, and in recent years has been totally rewritten to take advantage of Intel Mac technology. Now, for the first time, movie editing is a snap with iMovie '09

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It's time to usher in not one but two new suites of creative apps from Apple. Prepare to get acquainted with all the new features and start your new projects with the all-new iLife and iWork '09

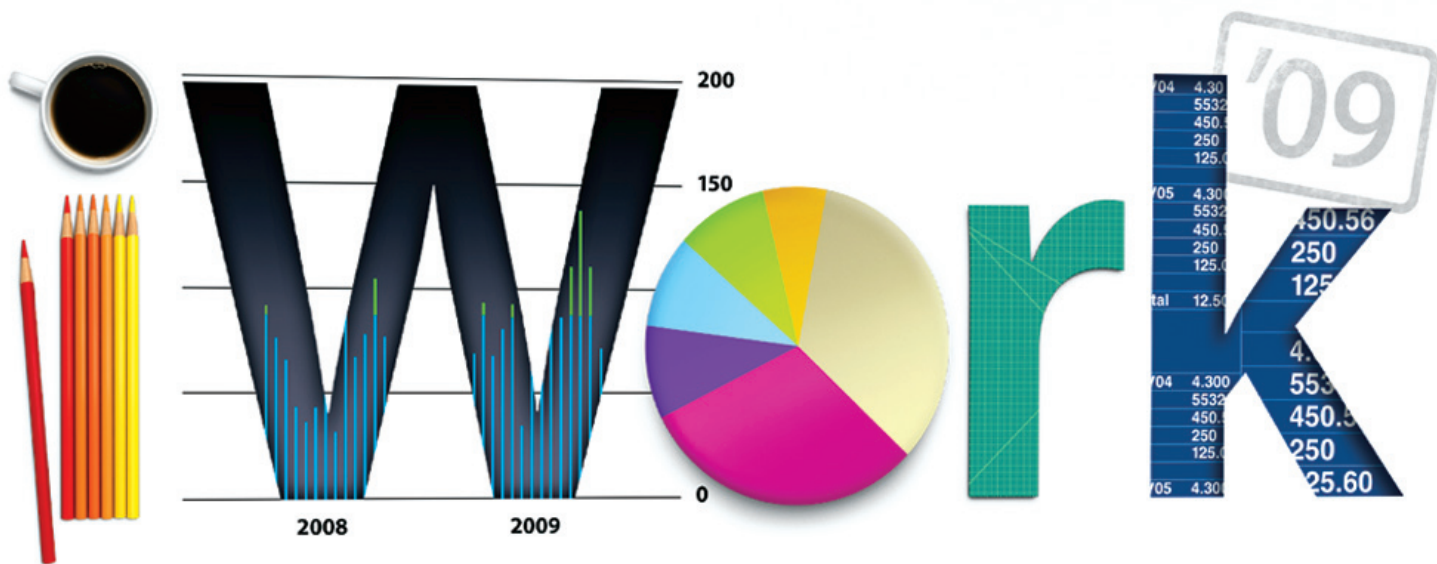
Getting hold of a new copy of iLife is, for a Mac user, like becoming ten years younger. Ambitions re-root themselves, projects you long gave up on suddenly become important again, and every time you touch your camera, camcorder or a musical instrument there's a noticeable tingle of excitement as you anticipate all the wonderful things you can do with your material now that there's a new version of iLife available. And this year is no exception to the rule. While,

on the surface at least, iLife '09 may not appear to usher in sweeping reform to all of its apps as in previous versions, the suite has certainly moved with the times and, in some cases, will re-write the way we think about using the software within it. Take iPhoto and its new ways to organise photos, sync them with social networks and create even better books. Look at the third-coming of iMovie; a grand return to form after the slight slip that was iMovie '08. We're back thinking of ways to perfect our home movies and weave incredible themes between our recently shot

footage. It's not about the new features, it's about the new possibilities that are now available with the unveiling of the iLife '09 suite.

Over the next few pages we're going to dig into the new iLife suite and root out all the best bits and the most exciting new tricks – and we'll also show you just what's on offer as you prepare to make the leap into this year's must-have Apple software. Some quick starter guides will show you how the simpler techniques work and have you ready to follow the tutorials we'll be running throughout 2009. Whether you're excited about geotagging photos, fancy some creative movie editing, yearn to be taught music by your favourite artists or simply want to keep abreast of the new developments in Apple's flagship package, we'll provide you with all the answers, some cunning tips and a shower of inspiration so that you're ready to hit the ground running with iLife once the '09 versions hit your Applications folder.

“There's a noticeable tingle of excitement as you anticipate all the wonderful things you can do with your material now that there's a new version of iLife available”



No less important (or indeed, creative) is the update to Apple's rival to Microsoft Office. Unlike its PC counterpart (although there is a Mac version available), iWork brings the fun back into more business related tasks like reports, presentations and spreadsheets. Yes, even spreadsheets. Couple this with the exception page-layout facilities offered by Pages and it seems pointless to dabble with any other home office suite. The work in iWork is misleading because, by the time you get to grips with a project in Keynote, Numbers or Pages, you'll feel like you're doing anything but toiling. iWork '09 sees numerous updates, especially to Numbers which levels itself against Microsoft's Excel with a swarm of new features – over 250 to be exact. Keynote brings us some intelligent automation tools and, following in the footsteps of the iTunes Remote application, an iPhone app to control your presentations with presenter notes built in. Unlike iLife, iWork has been more

streamlined than it has re-thought and re-armed with new features. It's the details in iWork '09 that will make the difference to the end user. The new full-screen view in Pages sounds like the kind of update a junior level programmer might come up with in their sleep, but the truth is it makes projects that much easier to focus on and designs that little bit easier to visualise. Small but precise upgrades have simply enhanced the suite of home and small-business apps, and when you need to knuckle down and get some work done they're exactly the sort of changes you'll be thankful for. Not only are we showcasing all of these new features across this feature, but we'll also be beginning our tutorials in the iWork '09 suite so you can get to grips with new projects and begin using this year's advancements right away. And you won't even have to pay a penny for a month or so either – with the free trial of iWork '09 available at www.apple.com/iwork, you really can try before you buy.

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Share iWork projects online and collaborate with others



iPhoto

iPhoto has long been the darling of the iLife suite, existing before there was even such a thing as an iLife suite. Now a fully integrated member of the package and flagship Apple application, it has been regularly updated since its release. This year brings in the most significant organisation tools since the Smart Album.

With both Spaces and Places, iPhoto has become not only the ultimate tool for browsing and sorting your images, but a database of records charting all of your friends, family, holidays and other travels. And with Facebook integration now built in to the deal, iPhoto is spreading onto the web in more ways than simply sharing a photo gallery. Here are all of the new iPhoto features explained, as well as a couple of quick guides to get you started in this fantastic new version of Apple's photo app.

"iPhoto is spreading onto the web in more ways than sharing a photo gallery"

New features

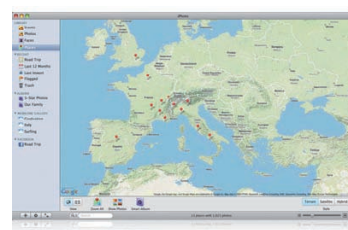
Faces

iPhoto can now find faces in your photos and even identify them, allowing you to name each one and sort albums by person.



Places

Turning GPS data into simple names, Places makes the most of your GPS-enabled camera or iPhone showing the location of your shots.



Themed slideshows

Show off your photos with these great new slideshows that use face-recognition to frame people perfectly in a wide range of styles.



Online sharing

One click is all you need to upload your pictures to Flickr or Facebook with names added (and Faces included) as tags for each.



Editing

iPhoto '09 offers an enhanced set of tools, including a way to improve the colours in your shots without affecting skin tones.



Maps

A new feature in iPhoto books allows you to use Places data to create amazing maps to show where your photos were taken.



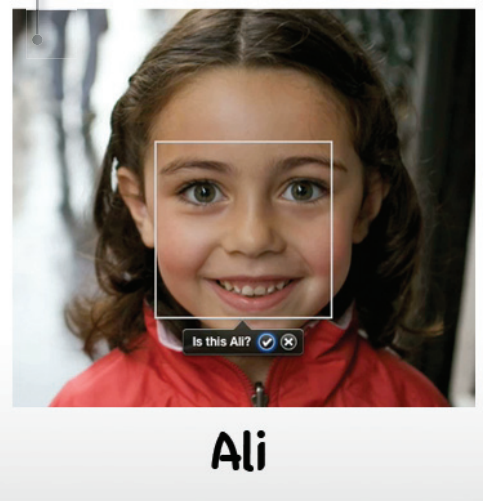
Source pane

Just like Events and Photos, you can now access the new Faces and Places features from the Source pane in order to search images by person or location



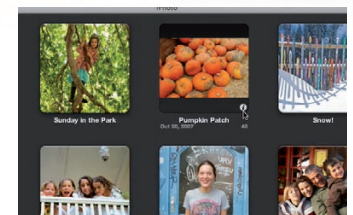
Face detection

iPhoto can now intelligently recognise a face in a photo, and it even recognises individuals. By using the Faces feature, you can select a person and name them. iPhoto will then scan your photos and find other faces it thinks may be that same person



Get started with Places in iPhoto '09

Pinpoint your pics on the map with this impressive new feature that not only allows you to chart your travels, but you can also search for a set of photos from any given location. Here's how...



1: Find the photos

Here we have an event that does not have GPS data applied. Click the 'i' button to flip the event and begin adding location information.



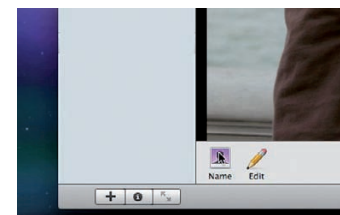
Search the world

The Places interface shows a world map with pins positioned in all the locations where you have taken photos. You can zoom in and out of the map to locate specific snaps, or view them all at once

Get started with Faces in iPhoto '09



Let iPhoto take the hassle out of naming the people in your photographs by searching your library and finding the same faces in different shots. Here's how to tell iPhoto exactly who's who...



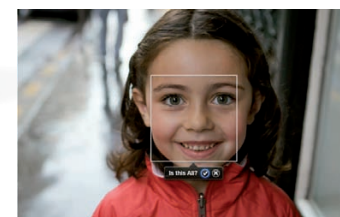
1: The name game

Head to your iPhoto library and open a photo that features people you want iPhoto to recognise in future images and click Name.



2: Name some names

Boxes will automatically appear around faces in your photo allowing you to input names, which iPhoto will use for future reference.



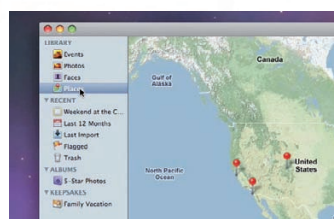
3: What's my name?

The next time you import pictures, iPhoto will ask if certain faces it recognises people you have named.



2: Name the place

All you need to do now is to begin typing the location in which the photos were taken, and iPhoto should auto-complete it for you.



3: Back on the map

You can now use the Places view from iPhoto's Source pane to locate all of your events on a world map, with photos denoted by red pins.

Online sharing

These two buttons allow for one-click uploading of a set of images to Facebook and Flickr. If you have added names in Faces then they will be added as tags in your photos on Facebook too

New book theme

Make the most of Places in iPhoto by using a new Travel Book theme that includes maps alongside all of your photos from around the world, or simply around town.





iMovie

Let's face it, nobody was particularly happy with iMovie '08. It had a revolutionary new editing system, but it also dropped a number of the best features from iMovie HD. Apple clearly noticed this issue and swiftly made the original available for free to iLife '08 users. Fortunately, the revolution has continued into iMovie '09 – creating a happy compromise between iMovie HD and iMovie '08. The same editing layout remains, but with a host of new and improved features that offer the control users want alongside idiot-proof functionality. If anything, iMovie '09 offers the best of both worlds with handy menus that appear during drag-and-drop editing so you can define exactly what you want to do with an audio or video clip, or a sequence of footage. Prepare to be wowed by the best iMovie release yet.

"If anything, iMovie '09 offers the best of both worlds... prepare to be wowed"

New features



Advanced drag and drop

Add clips with ease by dragging and dropping. Include transitions, slick cutaways and inserts too.



Precision editor

Use a magnified view of your footage for complete control. Trim and tweak your clips, adjust audio and define titles with ease.



Themes and maps

Amazing new themes will bring your movie to life and can be added at the start of a project (or to one you have already put together).



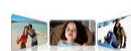
Video Stabilization

All the clips you thought were unusable due to a shaky hand can now be fixed and used in your iMovie projects with this new tool.



New titles, transitions and effects

Quickly preview and apply new titles, transitions and effects from the browser and click to add them.



Library browser

Like iPhoto for movies, this new feature lets you browse all your footage in full-screen mode to select clips or just review your shoot.



Stills or movies in themes

You can drop a photo into a theme or include a video clip to add a moving image to your chosen theme animation and give your project a professionally edited feel instantly

New themes in iMovie '09

Add a new theme to your iMovie project and the application will automatically add footage to create an amazing sequence in minutes. Choose from Scrapbook, Photo Album, Comic Book or Filmstrip for a variety of styles to suit your movie.



"The revolution has continued into iMovie '09, creating a compromise between iMovie HD and iMovie '08"

New iMovie, new tricks

These new browser windows make it easy to preview and select a wide range of titles, transitions and effects in order to pick the perfect option for your movie

Tuned transitions

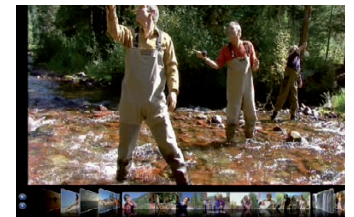
New transitions have been added to iMovie '09 that can either be applied by simply dragging your choice between two clips or by dragging it on top of one

Browse your movies full-screen



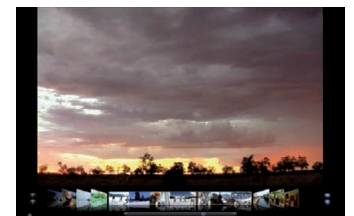
The full-screen browser offers an easy way to get an

overview of your entire movie library, and you can pick out highlights by viewing any clip or project you require.



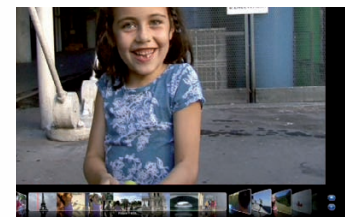
1: A more complete view

Move into the full-screen browser to show all of your clips and projects on one simple Cover Flow view along the bottom of the screen.



2: Scroll along

Use the slider below the clips or your mouse's scroll ball to flick through all of your footage in a more visual manner.



3: Pick the clips

Buttons next to the Cover Flow display allow you to choose between clips and projects, and you can even skim the clips you select.



Search smoothly

Use the new full-screen browser to skim through your clips and projects in a Cover Flow view, and play them in glorious full screen. Use it to find the perfect clip for your project or to show off your latest iMovie production

Tantalising titles

Select one of the many title styles and drag it onto a clip in your project to add it to the movie. If you drag a title to a blank space of your project you can choose one of several animated backgrounds as an alternative to plain black



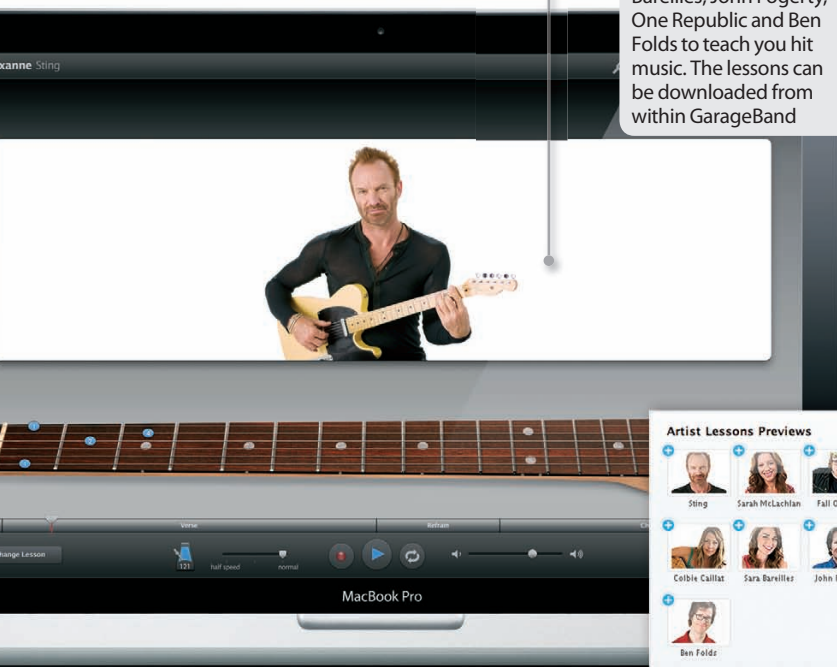
GarageBand

While the core features remain largely untouched, GarageBand '09 provides some great new options for budding musicians. Guitarists will rejoice with the addition of some amazing guitar rig setups and stomp box effects that mimic those of the greats, and these are endlessly customisable. Plug in your guitar and you're off and running with sounds like Brit Pop, Seattle Sound and Woodstock Fuzz. For those new to music or thirsty for improvement, you can now learn your instrument from right inside GarageBand itself. The Basic Lessons teach you with videos and annotations, and Artist Lessons enlist the help of popular musicians like Sting, Colbie Caillat and John Fogerty to help you master their own hit songs.

"GarageBand '09 provides some great new options for budding musicians"

An artist in your own home
Invite a music legend to teach you how to play their songs, such as *Roxanne* taught by The Police frontman Sting, at a pace that suits you

Learn from the best
At present you can pick from Sting, Sarah McLachlan, Patrick Stump, Norah Jones, Colbie Caillat, Sara Bareilles, John Fogerty, One Republic and Ben Folds to teach you hit music. The lessons can be downloaded from within GarageBand



New features

Basic Lessons
For piano or guitar, these nine lessons show you the basics at your own speed – with the ability to slow things down if you need to.



New Guitar features
Make your guitar sound like the legends of fretwork with new effects and rigs that sound great and are displayed in 3D for complete control.



Artist Lessons
The cream of today's musical talent show you how to play their songs from right within the GarageBand interface.



Magic GarageBand jam
Stop practising alone and invite a full band onto your Mac with Magic GarageBand, which now plays in full-screen mode.



Jam with the band
Set up your band and jam away on your chosen instrument in full screen with Magic GarageBand. You have complete control of which instruments and parts are used, and you can even record your song into Magic GarageBand too



Take your first guitar lesson

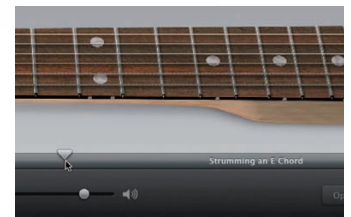
Pick your instrument, select your skill level and start learning how to play in minutes with this excellent new learning feature in GarageBand '09.



1: Select a lesson
From the new look Project Chooser, select the Learn To Play option and pick an instrument and a lesson from the subsequent screen.



2: The lesson interface
The lesson will now begin playing with an introduction. You can pause and slow down with the controls found below the video window.



3: Navigate the lesson
If you need to move back and forth in the lesson to speed up your learning or go over a topic, drag the playhead along the timeline.

New & updated features



New themes

If your site is starting to look a little tired you can pick from a set of new themes added to iWeb in the latest version of iLife.



Add new widgets

Widgets in iWeb get even better with the addition of a countdown clock, iSight photo and RSS feed reader for your sites.



Notify Facebook

When you publish your new site or an update to an existing page, iWeb can now automatically notify your friends on Facebook.



Manage & publish

Take complete control of your pages and publishing options, whether you're uploading to MobileMe or an FTP server.



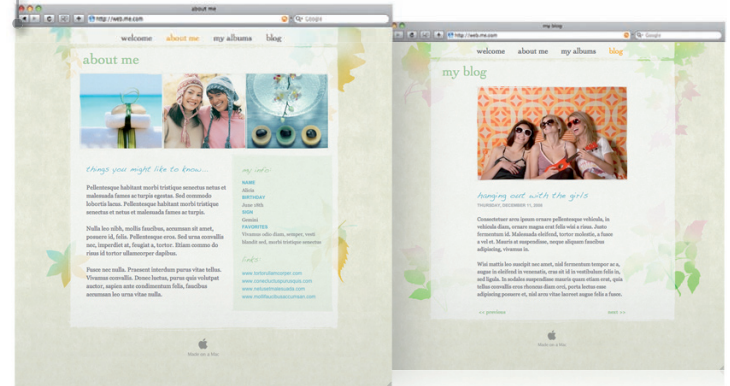
iWeb is the newest addition to the iLife suite, added as part of the package in 2008, and as such hasn't seen too many changes in this instalment. Rather than overhaul iWeb in iLife '09, Apple has simply made some of its existing features even better than before. New themes, new widgets, notification for Facebook friends when you update your site and updated management options make it even easier to create rich, exciting and interactive websites with iWeb. The new themes will also help those growing tired of the existing page designs to liven up their online creations.

Some of the updates may not provide wholesale changes, but some offer the opportunity to use your imagination to create cool new features on your site. The RSS widget in particular will provide a simpler way to include feeds on your page – whether you want to offer the latest news or information from another of your iWeb sites or blogs.

"New themes, new widgets and updated management options make it even easier to create rich, exciting and interactive websites with iWeb"

New themes in iWeb '09

Make your site look its best with a set of professionally designed themes for iWeb, now including Leaf Print, Fine Line and Layered Paper.



iDVD

Some said iDVD was on its way out with minimal updates in iLife '08; the birth of the Blu-ray disc and the growing popularity of the internet for sharing movies and photos was preferred to the physical format. Still, it returns in iLife '09 but, unfortunately, only with the addition of some attractive new themes.

Just because the app hasn't been hugely altered that doesn't mean it should be overlooked, however. For iPhoto and iMovie projects, iDVD is the final piece in the puzzle when it comes to sharing your iLife creations, and these new themes will stand to make things even more interesting.



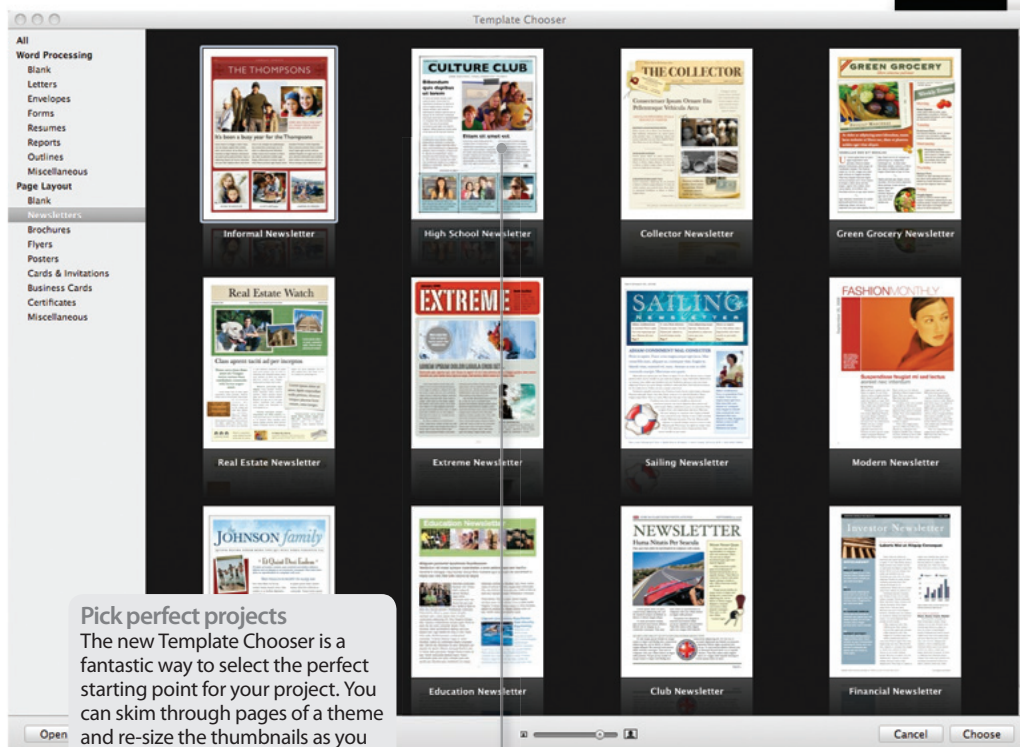


Pages

Pages is back and better than ever in iWork '09, with a selection of new features that extend and improve its functionality and, once again, stick the knife further into Microsoft's word processing and page layout offerings. The focus in iLife '09 is making sure that the end user not only has the tools to complete a variety of tasks from newsletters to résumés, but that they work well and allow complete focus on the task in hand. No two features are more indicative of this than full-screen view and dynamic outlines, which both provide the user with a clear route to creating the work they envisage. Of course, a Pages update wouldn't be complete without a selection of exciting new themes to help you get started, and there are even some more complex updates that some of us won't really grasp until we need them. MathType and EndNote compatibility brings the business end of equations and document citations into the iWork suite for the first time. On top of this, there are new Mail Merge features and sharing via iWork.com. Ready to learn about them?



Merge in turn
As well as merging Address Book contacts for mailing out newsletters like this one, you can also include information from Numbers using the same technique



Pick perfect projects
The new Template Chooser is a fantastic way to select the perfect starting point for your project. You can skim through pages of a theme and re-size the thumbnails as you would with images in iPhoto

It's been a busy year for the Thomps

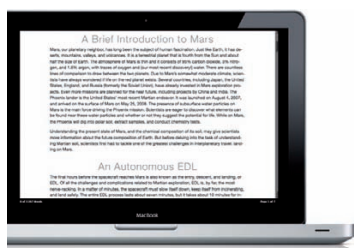
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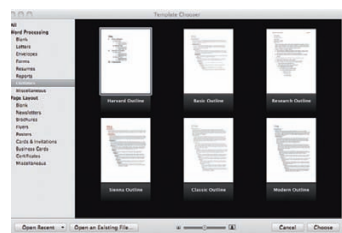
Organisational skills
You can now plan out your document before you start and add titles, subheadings and images to your document's outline. Then, if needed, adjust the order of them via drag and drop

New features

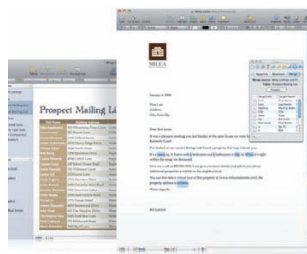
Full-screen view
See more of your document and less of everything else. Menus are still accessible if you move the mouse to the edge of the screen.



Dynamic outlines
Plan your document before you write it and then re-arrange it as you wish. Even drop images into the outline to help keep you on track.



Mail Merge with Numbers
Easily add data from Numbers to your Pages document with the new updated Mail Merge features.



Template Chooser
The Template Chooser has been updated to allow for skimming themes, re-sizing of thumbnails and overall easier browsing of templates.





Share and share alike

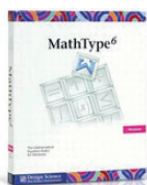
When you need to share a document there are many options open to you in Pages '09, including the ability to send your documents directly to Microsoft Word or export as PDF documents

Click to share

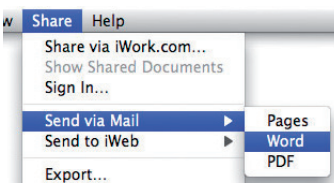
As with the rest of the applications in iWork '09, you can quickly share a document by clicking the iWork.com button and uploading it to a server where others can then view and edit it before sending it back to you

A different view
Full-screen view will provide the best way to get completely involved with your project and ignore all distractions like emails, iChat messages or that great new game you just installed...

MathType & EndNote
For more technical additions to a Pages document, MathType and EndNote provide new ways to add detail to your reports and in-depth projects.



More ways to share
Save your document into popular formats such as Word and PDF while ensuring that they look as good as they did in Pages. You can also share files on iWork.com.



"A Pages update wouldn't be complete without a selection of exciting new themes"

Certificates

Whether it's a student, employee or a well behaved member of your offspring, make them feel valued with these great certificate templates in Pages.





Introducing

Forget the troubles of the last version and usher in a new era of Mac movie making with the latest and best release of Apple's consumer editing suite...

Order of appearance

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Tips on recording better footage and adding it to your movie

20 Tutorial

Import, edit and add transitions to your movie

22 Themes & transitions

Get to know the latest additions to iMovie '09

23 Tutorial

Polish your project with titles, effects and music

26 Share your movie

Burn your movie to disc or share it online

When iMovie '08 made its debut back in 2007, its dramatically different looking interface

alienated many die-hard iMovie '06 users. To many the totally re-designed iMovie '08 was a big step backwards as it lacked many of the features boasted by the old-school iMovie '06 – like the ability to add special effects and themed animated graphics to your

footage, for example. iMovie '08 couldn't even change the speed of footage, which is something iMovie '06 could do with ease. Such was the resistance to the new kid on the block that Apple made iMovie '06 available as a free download for those who couldn't (or wouldn't) adapt to iMovie '08. With the recent release of iMovie '09 there's a genuine reason to get excited. The new package rocks! If you're an iMovie '06 fan it's time to come out with your hands up as iMovie '09

out guns iMovie '06 in many ways. At a first glance your newly installed iMovie '09 looks very similar to iMovie '08, but don't let that put you off. The new package addresses many of its immediate predecessor's problems and can now proudly hold its head up high due to its effective organising and editing powers.

The great thing about iMovie '09 is the fact that it's really easy to use if you're a video-editing novice. It'll even add animated title and transitions to your footage automatically if you ask it nicely. If you're an editing expert you'd probably think twice about using iMovie to make your videos, but as it can now perform split sound and video edits with ease, you can produce slickly edited programmes in a jiffy. You could, in theory, re-arrange sound and video independently in older versions of

"If you're an editing expert you'd probably think twice about using iMovie, but as it can now perform video edits with ease, you can produce slickly edited programmes"

your first movie



iMovie, but this was a cumbersome and long-winded process. iMovie '09 lets you insert cutaways into your main footage in a click and adjust the position of the sound track with ease thanks to a powerful new set of editing tools, like the Precision Editor. More of that later!

Although iMovie '09 is capable of producing slickly edited video with high production values, it can only work with the footage you give it. Think of the acronym GIGO (Garbage In, Garbage Out). It was coined to describe the behaviour of computers, but it also applies to video production. If your footage is badly shot, badly lit and out of focus, then the edited video will be tricky to edit and not much fun to watch. iMovie '09 does have some clever tools designed to remove problems like camera shake, but we'll kick off this feature by showing you how to

shoot high-quality footage that you can import into iMovie and turn into a slick video sequence.

By the end of this feature you'll be familiar with all the new features in iMovie '09 and be able to raise the bar when it comes to organising, editing and sharing your own videos. You'll finally be able to move on from iMovie '06 and enjoy a fulfilling, productive and exciting relationship with iMovie '09.



Shooting and importing

Essential kit

Sony Handycam DCR-HC37

£200 www.sony.co.uk

This highly portable Mini-DV camcorder has a Carl Zeiss lens that lets you zoom in very close.



Adjustable mini tripod £3.50

www.jessops.com

A tiny tripod like this will dramatically improve the quality of your footage.



Head cleaner £20

www.jessops.com

Jessops will throw in a head cleaner when you buy five Mini-DV tapes. What a bargain!



Camera bag £27.50

www.jessops.com

Keep your camcorder, tapes and mini tripod safe using LowePro's Apex 100 AW camera bag.



Travel adaptor £8.99 for two

www.dixons.co.uk

Keep your camcorder battery topped up even while abroad by buying a travel adaptor.



Essential Technique

1: Shoot yourself

A tripod helps you to avoid 'hose piping' your camera aimlessly around the location in search of interesting sights. Short well-framed shots captured on a tripod are easier to edit together in iMovie than long rambling handheld epics. You could also pop the tripod on a flat surface and film you and your family enjoying their holiday as you walk through an exotic location. Just don't walk too far away from your unattended camcorder in case it gets stolen!

Shooting Tip

Editing Tip

Sharing Tip

If you buy a photographer's bag to store your video shooting kit in go for an unbranded bag as it makes your kit less of a target for opportunistic thieves

Your camcorder may have sat on the shelf all winter due to the short days and dull weather, so an impending summer holiday is a great time to start shooting again as new locations provide you with plenty of colourful videogenic sights to capture. You'll want to share your holiday experiences with friends and family at home so here's a few tips to help you capture good quality footage that you can edit into slick sequences, thanks to iMovie '09 and its video editing powers. The shooting tips, tricks and techniques we'll describe don't just apply to holiday videos – you can use our advice to get better results from any shoot!

Choose your weapon

By investing in a relatively cheap camcorder you can capture the highlights of your holiday as raw footage and use the greatly improved iMovie '09 to edit your video memories into mini documentaries. Then, when summer wanes, you can re-visit your holiday courtesy of your iMovie edited productions and keep the winter blues at bay.

While preparing to buy provisions for your summer holiday you may have a checklist that includes flip flops and sun tan lotion. Give yourself a video kit checklist too so you can start shooting as soon as you hit the beach. It's well worth

investing in a compact camcorder. You can carry a small camcorder in your hand luggage so it won't get bashed about by the luggage handlers. Buy a photographer's kit bag so you can carry your camcorder around with you wherever you go on location. You can also use the bag to store tapes, batteries and even your sun tan lotion.

When it comes to camcorders there are many different recording formats that you can buy, including camcorders that shoot straight to DVD or flash disc. iMovie '09 can digitize video with ease, or you can drag and drop movies from a compact flash card into the Event browser in seconds. For our regular iCreate iMovie tutorials we use Mini-DV (digital video) to capture our raw footage. Mini-DV produces decent quality footage that you can import (or digitize) with ease. You can pick up a pack of Mini-DV tapes for bargain prices at the airport departure lounge (tape can be cheaper and store more footage than a flash card). While you're shopping in the airport make sure that you buy a power adaptor for the country you're flying to. Then you can recharge your camcorder's batteries from the comfort of your hotel room. It's also a good idea to keep a pen handy to label your tapes. There's nothing more tedious than wading through a batch

of unlabelled tapes looking for a specific shot, so get into the good habit of labelling them on location.

Quality control

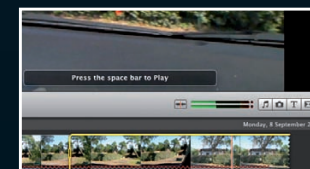
iMovie '09 can stabilise wobbly handheld footage – as you'll see in our tutorial. However, the stabilisation process increases the work you have to do in the editing stage and it crops the image too. One of the best ways to improve the quality of the footage you shoot is to use a tripod. You can pick up tiny tripods that are big enough to support a compact Mini-DV camcorder and small enough to fit inside your camera bag. A tripod enables you to compose your shots with care to capture well-framed holiday landmarks, for example.

On location

Although iMovie '09 can help you tweak your footage's colour and exposure and iron out wobbles in your handheld footage, it's well worth doing all you can to capture high quality footage in the first place. Your tripod should

Skimming clips

Once you import a clip you will see it displayed as a filmstrip in the Event browser. To find a specific moment simply skim the cursor across the filmstrip. The filmstrip thumbnails will play back as mini clips.



alleviate the need to stabilise wobbly footage, but it can still be a challenge to capture well-exposed shots with accurate colours. Many camcorders have a flip-out LCD monitor that lets you see your location's colours and tones.

Amateur videographers tend to leave the camcorder set to autofocus. This can produce good results most of the time, but if you have a scene with constantly moving subjects (like soaring seagulls) then the camera will constantly 'hunt' for a focal point. This will cause the footage to become sharp, then blurred, then sharp again! Cameras like those in the Sony Handycam range let you focus on a specific object by tapping on it on the LCD. Once you've used the LCD to set up exposure and colour, flip it shut and use the rear monochrome viewfinder. This will dramatically prolong your battery life and let you shoot for longer, so you won't miss an important or interesting subject.

Importing footage

Once you've returned from the shoot it's time to take iMovie '09 for a test-drive and import your footage. If you've shot on Mini-DV format then you'll need to plug your camcorder into your Mac (via USB or FireWire) and import (or digitize) the relevant clips in real time. You can access and control your camcorder from iMovie by clicking on the Camera Import button. Rewind, fast forward and play the tape, then click Import when you see any raw footage that you fancy using in your film. Like iMovie '08, version '09 enables you to store footage in chronological

Storage

Video footage demands hard drive space. If you have an external hard drive you can browse to it and save valuable space on your Mac

Events

By storing your imported footage in a named Event you can access it with ease. This type of housekeeping is an area where iMovie excels

Automatic

If you select Automatic and click Import, iMovie will rewind the tape and import everything. It'll import the contents of a memory-based camera too

Import

When you see a clip or a section of footage that you like, click Import and iMovie will copy it to your designated drive and store it in an Event

order in named Events, allowing you to organise and access your clips with ease. iMovie '09 also allows you to import video files from hard drive or flash-based memory cameras. If you have a memory-based camera then the browser will change to display thumbnails of all your clips. You can import the contents of the camcorder in a single click without having to play the clips in real time (like you do with DV tape.) If you set the Import window to Manual you can tick which clips you want to import and leave the unwanted clips stored on the camera.

Shooting Tip

If you have dozens of clips in the Event browser you may not be able to see them all. Drag the Zoom slider to scale down the filmstrips so that they all fit

Editing Tip

Sharing Tip

"Like iMovie '08, version '09 enables you to store footage in chronological order"



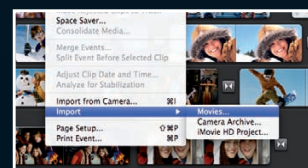
Essential Technique

2: Energy saver

You may be tempted to watch your footage while still on location. But this will make your batteries run out of juice quicker, which could cause you to miss something interesting. You also run the risk of taping over your footage if you forget to fast forward the tape. Instead of watching footage on location, have a screening of your holiday rushes from the comfort of your hotel room at the end of each day instead.

Supported formats

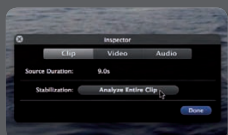
As technology advances there are a variety of non-tape based camcorders on the market that can record straight to a hard drive, DVD or even to flash memory. iMovie '09 supports all of these formats.



Shooting and importing

Tutorial: Edit in iMovie '09 – Part 01

Get to grips with the powerful new editing tools in iMovie '09 by importing, editing and adding transitions to your raw video footage

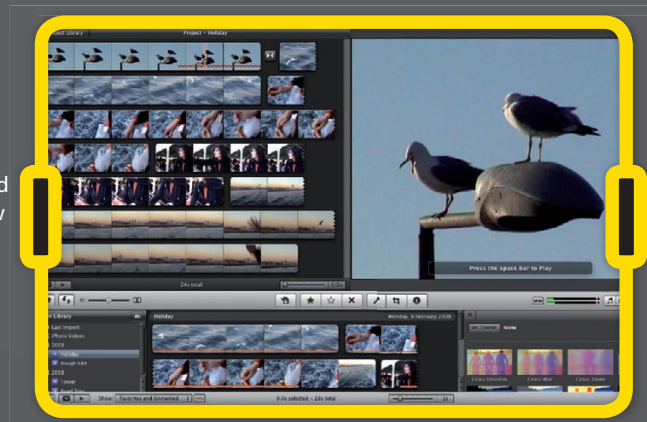


Task: Import and edit footage
Difficulty: Beginner
Time needed: 20 minutes

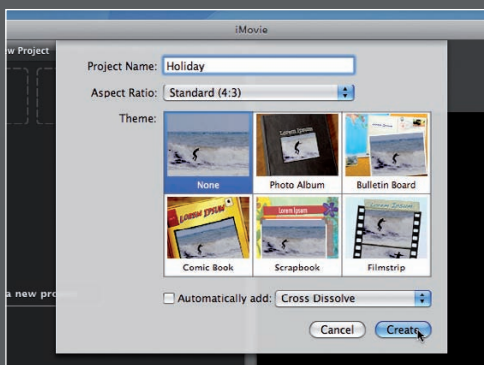


Let's dive straight in and use iMovie '09 to edit some raw holiday footage into a slick video souvenir that can be shared with friends and family. All the clips that you'll need to follow this walkthrough are on this issue's free disc (in Holiday Footage).

In part one of this iMovie '09 editing tutorial you'll test drive some of the enhanced editing tools and add a transition to give your video more professional-looking production values. You'll even be able to salvage shots ruined by a shaking camera thanks to the exciting new Image Stabilization feature. In part two you'll enhance the video with graphics, music and themes.

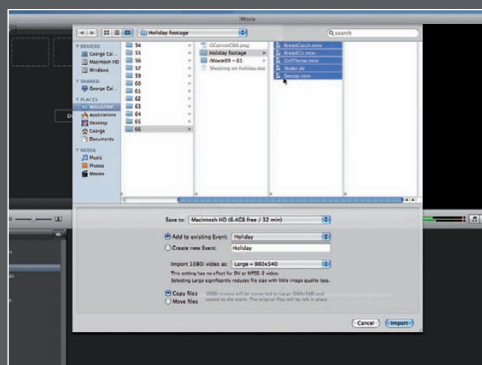


Step-by-step iMovie Import footage, stabilise it then edit and add transitions



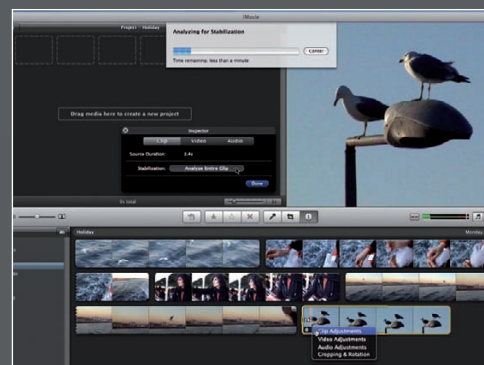
1: Create new project

Go to File>New Project and label it Holiday. Choose Standard 4:3 as the Aspect Ratio. Leave the Theme option set to None. Now click Create.



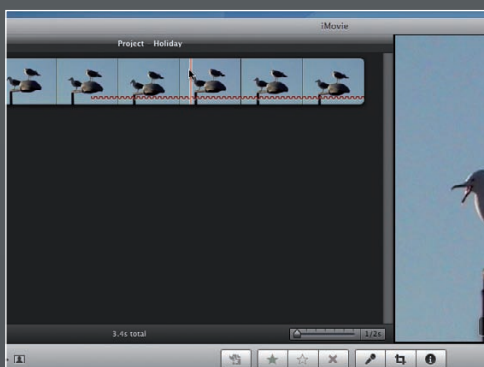
2: Import footage

Choose File>Import>Movies. Tick Create New Event, and label it Holiday. Browse to the Raw Holiday Footage folder (on the disc). Click OK.



3: Analyse camera shake

The zoomed lamppost shot shakes. Select the clip's Gear icon and choose Clip Adjustments to open the Inspector. Click Analyze Entire Clip.



4: Stabilise footage

Click Done when the camera shake has been analysed. Drag the clip into the Project window to view the dramatically stabilised version



5: Add clips

Drag the close-up of the hands breaking up bread into the Project window. Then add the wide shot of the girl throwing bread to the gulls.



6: Fine-tune the edit

By cutting on repetitive movements you can make the action flow smoothly. Click on the last clip's Gear icon and open the Precision Editor.



Add smooth transitions in iMovie '09

Tweak transitions

For a longer dissolve between clips click on the Gear icon below a transition and choose Transition Adjustments. A longer duration creates a gentle jump forward in time from a static seagull to the birds in flight

Knowledge base

Save space

Video can take up huge chunks of hard drive space. Once you've finished editing your project go to File>Space Saver. Tick the option to reject an Event's clip if it hasn't been added to your project. Click Reject and Review. All clips destined for destruction will appear in the Rejected Clips window. Click Move Rejected To Trash.

Thin blue line

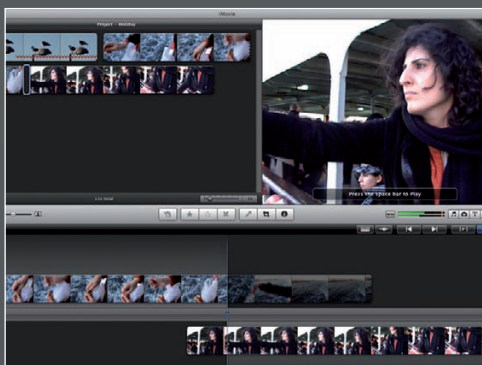
The blue line indicates the point where we cut from the previous clip to the next clip. Click on the grey bar between the top and bottom clips and hit the Spacebar to preview the cut in the main Viewer

Steady cam

iMovie's Image Stabilizer can rescue the wobbliest of shots, enabling you to shoot a steady image even at full zoom. A red wavy line indicates that a shot's undergone stabilisation

Precision editing

The iMovie 09 Precision Editor enables you to fine tune where one clip ends and the next begins, letting you match repetitive actions and produce smooth flowing cuts from one shot to the next



7: Precision editing

Drag the top clip so that the arm begins to fall. Drag the bottom clip to place the arm in the same position. Click Done. Hit Space to play the sequence.



8: Quick trim

Add the next clip. Click its Gear icon and choose Clip Trimmer. Drag the trim handle so that the clip starts with her arm in mid throw.



9: Transitions

Place the flying seagulls clip ('Swoop.mov') after the first shot. Click the Transitions browser icon. Drag a Cross Dissolve between the first two clips.

Editing, themes and transitions

Tool Guide

Tool: Crop tool

The Crop tool will enable you to improve composition and remove unwanted objects at the edge of the screen. Just click the Fit option to undo a crop.



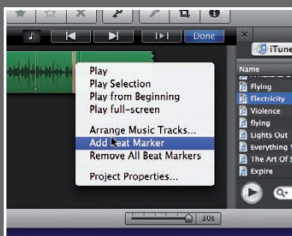
Tool: Picture in picture

This cool new feature lets you use the main Viewer to slide the inserted picture anywhere you like and even resize it by dragging its corner handles.



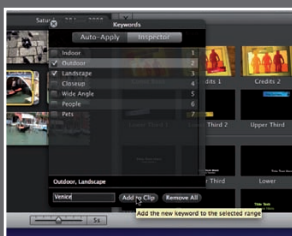
Tool: Beat marker

Add music to a new project then choose Clip Trimmer from the clip's Gear icon. Press the M key whenever you want iMovie to cut to a new clip.



Tool: Keywords

By using the View Keywords tool you can assign keywords to a selection in the Event browser. You can then hunt for specific clips via keywords.



Theme gallery

The Transitions browser boasts a wide range of themed graphics that you can drop your clips into, from the colourful animated Scrapbook theme to the rather cool Filmstrip theme. When you choose a new theme from the Transitions browser then additional themed graphics will appear in the Titles browser.



"In iMovie '09 you can take sound from a clip and add it to existing video footage with ease"

Slick Transitions

Each theme provides you with a different but graphically similar animated transition, so you can create a varied but unified transition style for the project.



Once you've imported your raw footage into iMovie '09 you can access the chronological list of events in the Event library. This is a great way of storing and organising video clips, especially as we're generating more and more footage thanks to cheaper camcorders, phones with video functions, etc. By default iMovie checks the metadata stored in your clips and automatically creates a new event for each day. If you've come back with footage from a long holiday then the Event library can become cluttered with dozens of events. To merge multiple events into one simply drag one day onto another and re-label the merged event. The footage inside the merged event will still be stored in chronological order so you can find clips quickly.

Before you can share your holiday memories with family and friends (or the entire world if you're planning to upload the footage online)

then it makes sense to edit it. No one wants to sit through hours of unedited rushes when they're used to a diet of fast moving, well-edited programmes with high production values. Fortunately iMovie '09 has all the tools you need to produce slickly edited programmes that come complete with animated title sequences, transitions and music. Later in this feature we'll walk you step-by-step through importing, organising and editing footage in iMovie '09 in our double bill iMovie tutorial. But first we'll have a closer look at some of the cool new features that will make editing a pleasure, not a chore.

Closer look

To work out which bits of raw footage will make it into your edited programme, skim the pointer over the filmstrips in the Event browser and watch quick previews of the footage in the Viewer. If the Viewer window is too small go to Window>Viewer and choose Large. For an even better look at your unedited clips click the Play Selected Events Full Screen button at the bottom of the interface (or press Cmd+G). When you click this button iMovie '09 lets you use Cover Flow to skim through your footage in full-screen mode. You can also use Cover Flow to access other events in the Event browser without leaving full-screen.

Insert editing

Earlier versions of iMovie did a good job of allowing you to run a series of

clips together to create an edited programme, but they lacked the sophistication of high-end packages like Final Cut Pro. Experienced video editors like to drop cutaway shots into existing footage or extend sound from one clip over another to create a split-sound edit that links the two clips together. To take sound from one clip and add it to another in iMovie '08 you had to use a fiddly keyboard shortcut. In iMovie '09 you can take sound from a clip in the Event browser and add it to existing video footage in the Project window with ease. Simply drag a yellow selection border over the clip that you want to steal sound from in the Event browser. Drag the selection onto a clip in the Project window. A new pop-up menu will appear in the Project window offering you three editing choices. Replace will remove the current clip in the Project window and replace it with the selection from the Event

Credit Crunch

To maintain visual continuity you can 'top and tail' your programme with animated credits that match the theme of your transitions.



Once you've imported and viewed your footage it's good practice to drag a yellow border around bits that you don't need and clicking Reject Selection



Terrific Titles

Organic Main

There are a wide variety of animated titles to browse through, so you can find a style that suits your video's subject.



Browser. The Insert option will drop the selected sound and video from the Event browser into the clip in the Project window. This is a fast and effective way of dropping in cutaways. The Audio Only option allows you to take the sound from the selected clip and overlay it onto

the main footage. The ability to insert audio footage with ease is a massive boon to iMovie '09. When it comes to editing, iMovie '09 caters for both the expert and the novice.

Terrific transitions

Once you've refined your raw footage into a structured programme you can make it flow more smoothly with a variety of transitions. When you click on the Transitions browser you'll find the usual suspects (like Cross Dissolve) present and correct. There are also a few new transitions, like the flashy Mosaic and Spin In (though we think these showy transitions will date your footage, whereas a classy Cross Dissolve will be around forever). If you really want to show off then you can unleash extra editing functions by going to iMovie>Preferences and turning on Show Advanced Tools. Now when

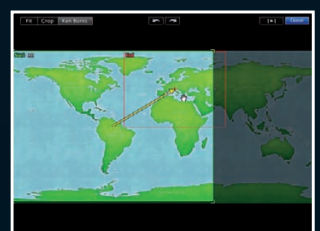
you drag a selection from the Event browser onto a clip in the Project window you'll see nine options appear in the pop-up menu. One of these is Picture In Picture, which lets you view the inserted clip as a picture alongside the footage.

Themes

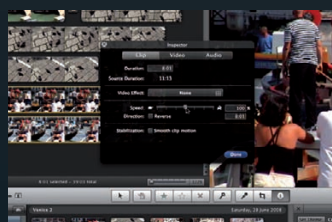
One of the things people missed when iMovie '06 was replaced by iMovie '08 was the library of themes that allowed you to present your footage in a more professional way, thanks to the animated graphics. Themes are back with a vengeance in iMovie '09, and you can access them from the Transitions browser. Once you click on the Set Theme button you can choose from a variety of animated graphics that will help you present your clips in an entertaining and eye-catching way.

Travel maps

To add a travelogue style graphic that shows where in the world your holiday video was filmed click on the new Maps And Backgrounds browser. Choose a globe from a range of graphic templates and drag it to your Project window. After choosing a start and end point, an animated line will illustrate your journey. You can also add maps to your video and use the Ken Burns effect to zoom in to a specific country.



Adjust clips



Clip

To fine-tune a clip in the Project window, double-click on it to open the Inspector. In the Clip section of the Inspector you can change the duration and speed of the clip and even add Image Stabilization to it. You can also choose a video effect.



Video

The Video tab in the Inspector is great when it comes to correcting colour and tone. You can warm or cool colour casts using the White Point colour wheel. The Exposure and Contrast sliders produce a range of shadows and highlights.



Audio

This tab enables you to tweak the clip's volume levels. You can remove unwanted sound by dragging the Volume slider to the left. You can then insert audio from another clip or offset sound from the next clip in the Project window.

Editing, themes and transitions

Tutorial: Edit in iMovie 09 – Part 02

In part two of our iMovie '09 editing double bill you'll create a more polished production by adding music, captions and even slick animated graphics courtesy of iMovie's new Themes browser



Task: Add music and graphics to create a professional-looking production
Difficulty: Intermediate
Time needed: 20 minutes



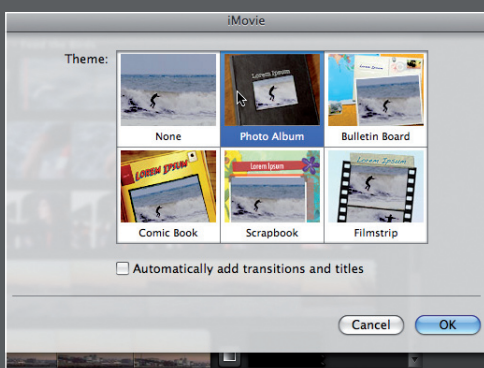
Once you've used tools like the new Precision Editor to cut a slick sequence together you can raid iMovie's large selection of post-production assets to add the icing to your cake!

When watching professionally produced programmes we take it for granted that they'll have a title sequence designed to hook the viewer into watching the show, as well as the usual bells and whistles like captions and music.

The iMovie '09 Themes browser enables us to 'top and tail' our video sequence with animated graphics that we can personalise to introduce our edited video in a more professional looking way.



Step-by-step iMovie Add music, captions and animated titles to add polish to your production



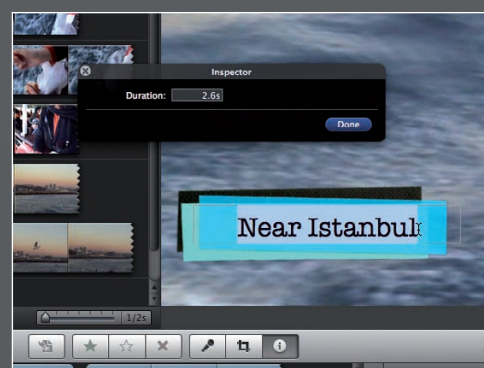
1: Choose a theme

Click on the Titles browser. Click Set Theme and choose Photo Album. Untick Automatically Add Transitions And Titles. Click OK.



2: Add opening title graphic

Drag the Photo Album title to the first shot in the Edit Project window. Extend the title to 1.8 seconds. Type text into the text field in the Viewer.



3: Add an animated caption

In the Titles browser scroll down and drag Lower Third 1 to the second shot in the Edit Project window. Extend it and type in some text.



4: Add more graphics

Add Upper Third to the third shot in the sequence and place Lower Third 2 at the start of the final shot. The captions fly in and out of the screen.



5: Closing titles

Pop Credits 1 over the end of the last shot and type in the name of your movie's star. The video will shrink to fit inside the animated graphic.



6: Test your titles

Drag the cursor to the start of the movie and hit the Spacebar to play the footage. Fine-tune the duration of the graphics if necessary.



Polish off your iMovie masterpiece

Change duration

There are two ways to change the length of a title. You could click on the start or end point of a graphic bar and drag the cursor to extend it. Or double-click on the title bar and type a new duration into the Inspector

Terrific titles

iMovie '09 is packed to the gunnels with a selection of customisable animated titles that can give your movie sophisticated production values with the minimum amount of time and effort

Knowledge base

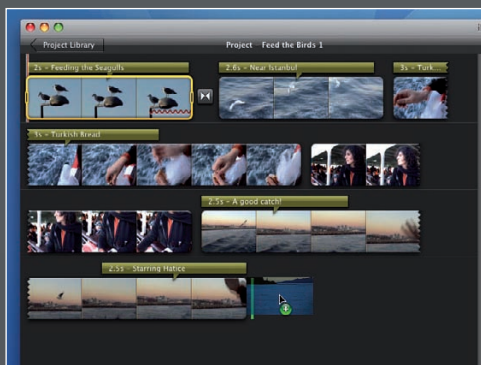
Director's cut
RSS feeds are simply a standard form of stripped down summaries of the posts made to a website. Using the RSS widget in iWeb, you can embed the feed into your site so that all the updates posted to the original site also appear on your page. Clicking an entry takes you to the original post.

Marvellous music

Music makes a video more entertaining to watch and helps link all the separate shots together in a seamless flowing narrative. The green backdrop indicates that music has been added

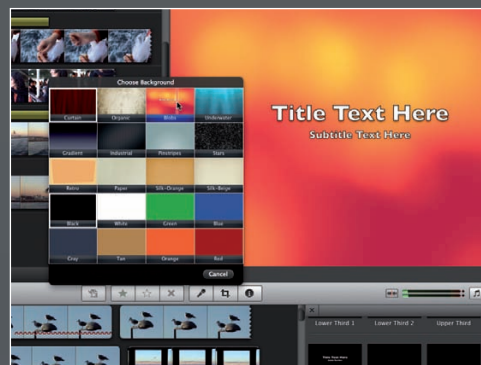
Choose a theme

Once you've chosen a specific theme (like Photo Album) the Theme browser provides you with a range of animated graphics and titles that you can drag to the clips in the Edit Project window



7: Fade to black

In the Transitions browser scroll down to Fade To Black and drag it over the end of the movie. Shorten the Credits 1 bar so it doesn't overlap the transition.



8: Create closing credits

Place the Centered title after the last clip. You could use a colourful animated background, but a classy black backdrop should suffice on this occasion.



9: Finishing touch

Click on the Music browser icon and navigate to Jingles. Drag a music track onto the project's grey background to add music to the whole programme.

Feature: iMovie '09

Polishing and sharing

Shooting Tip

If you spot a spelling mistake after you've published your film online simply correct it in iMovie, then choose Share>Re-publish To MobileMe Gallery

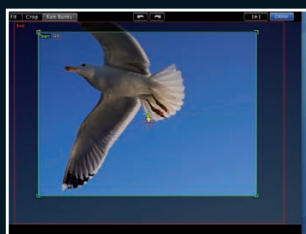
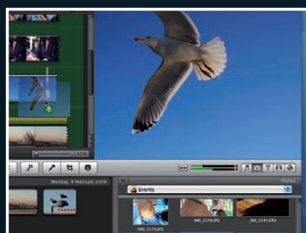
Editing Tip

Sharing Tip

"After you've had fun creating your first slickly edited video in iMovie '09 you'll be keen to share it with friends and family"

Add music & photos

As an iLife application, iMovie '09 is fully integrated with applications like iPhoto, so you can augment your video edit with stills that you might have taken from the same location. Simply click on the Photos browser and search through your Aperture or iPhoto libraries for shots to drag into your iMovie Project window. You can also add music by searching through your collection via the Music browser.



Once you've cut your raw footage into a tightly edited movie and added transitions and credits, you can then polish it up even further by adding a host of new post-production tools and effects to your iMovie '09 project. Professional filmmakers often tweak colour and tones of their footage to add a distinctive colour palette to their film. This is called grading. You could use the Inspector to change each shot's colours and tones manually, but there is a much

Effects gallery



Romantic effect

Instead of smearing the lens with Vaseline, just use the less messy Romantic effect filter to add a soft edge to your footage.



Bleach Bypass

Bleach Bypass crushes the black levels and boosts the highlights to create a high contrast effect that looks great on dramas.

quicker way to add Hollywood-style colour grades and special effects to your clips. One of the reasons to be disappointed with iMovie '08 was the fact that it didn't have the video effects that we'd grown to love in iMovie '06. But this problem has been corrected in iMovie '09. Simply double-click on a clip in the Project window to open the Inspector. Go to the Inspector's Clip tab and click on the Video Effect pane. The Inspector will flip to reveal a range of video effect preview thumbnails. These

are designed to mimic a variety of different effects. The Romantic video filter adds a gentle, blurring vignette to the edge of the frame. There's even an aged film effect that fans of iMovie '06 will appreciate. Unlike iMovie '06, the properties of the effects in the latest version of the package don't require rendering, which speeds up your editing workflow. To preview an effect simply skim over the preview thumbnail in the Inspector. Click once to apply it, then click Done to close the Inspector. You can then enjoy the effect instantly by hitting the Spacebar to play the clip.

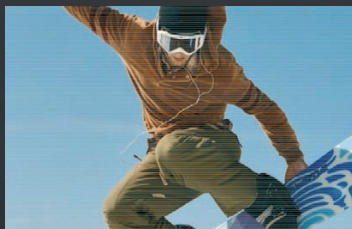
Share and enjoy

After you've had fun creating your first slickly edited video in iMovie '09 you'll be keen to share it with friends and family. You can do so



The Export and Share screens

Getting your video online is a piece of cake thanks to iMovie's Share menu. First, type in a description of where and when your video was shot. You can select a variety of sizes to suit the browsing needs of your audience. Click Publish and let iMovie do the rest.



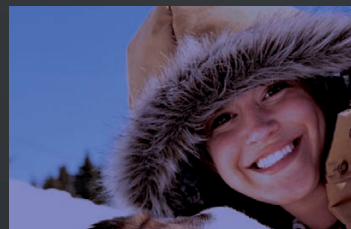
Raster

To make a clip look as though it's being viewed through a CCTV monitor you can simply pop the Raster effect on it.



Aged Film

Turn back time in a click and create a scratched old film effect with this retro-themed filter. See how many people you can trick!



Day Into Night

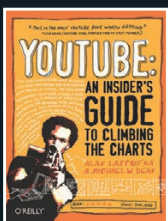
With this filter you can mimic an old-school technique and shoot by day, then filter the footage to add a nocturnal blue hue.



Cartoon

Turn live action footage into a rotoscoped-style animation with the minimum of effort with this creative Cartoon filter.

You Tube Publicity



If you want your movie to reach millions, why not try *YouTube: An Insider's Guide to Climbing the Charts*. Recently published by O'Reilly, it offers great tips for fame-hungry video fans. See www.oreilly.com for more info.

without leaving your seat thanks to a variety of publishing options. To pop it online for your friends to view it in an attractive interface go to Share and choose MobileMe Gallery. (Check out the Export and Share screens boxout to see how

“For a wider audience you can make the video viewable by everyone who surfs by, or you can publish directly from iMovie '09 to YouTube”

easy it is to publish your programme online). Once you've clicked Publish, iMovie will create and compress different sized versions of your film and upload them to your MobileMe gallery. You can then send friends the URL (and password if one is required) so that they can enjoy your movie from anywhere in the world. For a wider audience you can make the video viewable by everyone who surfs by, or you can publish directly from iMovie '09 to YouTube. Alternatively, you can export your footage to iDVD and share your first iMovie '09 film at full PAL (or HD) resolution film on a shiny

Shooting Tip

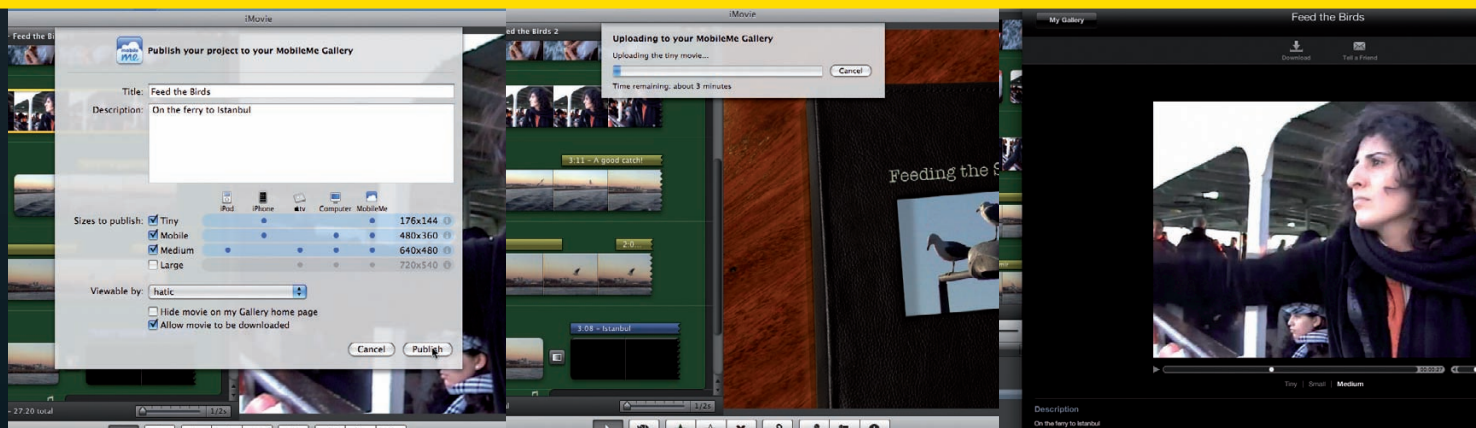
Editing Tip

Sharing Tip

Not everyone wants to be a movie star for the whole world to see. You can assign a password to your online video to protect your 'actors'

disc complete with themes and background music as well as extras and high resolution photos. For viewing on the go use the Share menu to compress the movie for iTunes. You can then pop it on your iPod or iPhone and show off your film, as well as the brilliant new iMovie editing features to

anyone you happen to meet, from colleagues to the guy sat next to you on the bus. Remember, this is just your first iMovie '09 project and we guarantee that you'll be thinking about launching into another very soon. As you're likely to have discovered by now, it's not such a daunting task after all.



Tutorial: Add a travel map to your iMovie project

Don't just explain where you've been, show your viewers the exact locations with a beautiful travel map in iMovie '09. Follow this simple tutorial as we show you how to make one...



Task: Add a travel map to your movie

Difficulty: Beginner

Time needed: 10 minutes



When you make a movie that includes footage of your travels, you'll probably use titles to set the scene and describe the locations you arrive in. Until now, there hasn't been a facility available to accurately display world travel as you see on TV without knowledge of advanced movie editing or even 3D rendering. But the new Maps feature in iMovie makes displaying your travels easier than you could have ever imagined! You simply choose the map style you're after, set a start and end location and you're done. A slick, animated map will then be added to your project with a line charting your journey from start to finish. There is a selection of map styles available, including 2D and 3D variations.

In the following four-step tutorial we will show you just how easy it is to add and edit a travel map to make your holiday footage even more exciting for your viewers (not to mention making your movie look even more professional and impressive!).



Step-by-step iMovie Add animated maps

1: Add the map



- Start by clicking the Maps button (on the far right below the viewing window) and selecting the map style you would like to add to your project. Now simply click and drag it to the point where you want it to appear.

2: Map modification



- The Map Inspector will now appear, allowing you to set the duration of the clip and add effects. For now we're simply going to add the start and end locations by clicking the respective buttons.



Include a travel map in your iMovie project

Map clip
The map appears just like any other movie clip in your project and can be moved and edited at will

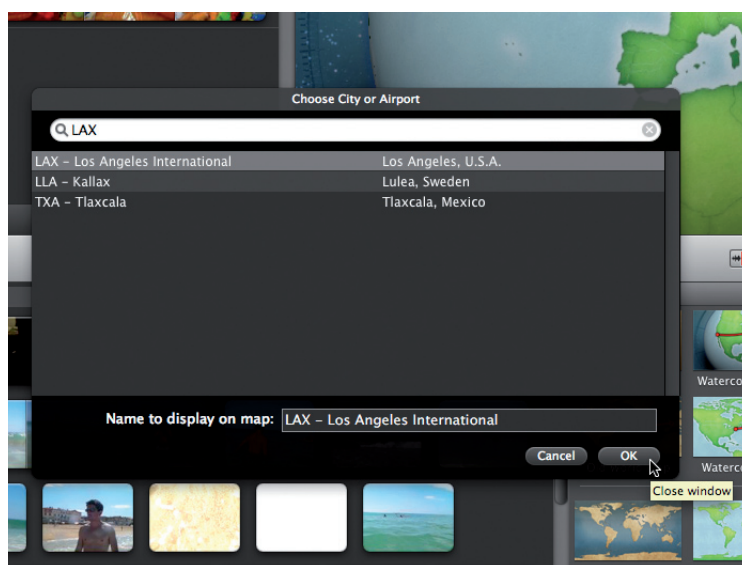
Map preview
Check your map in the viewing window by skimming or playing the finished clip in your project

Inspector
From this screen you can select a start and end point for your map, as well as choosing how long you want it to play for. You can also add effects and swap the start and end locations

Knowledge base
Make the most of maps
At present there's only the option to include a start and end point in your iMovie maps. This doesn't mean you can't show multiple destinations however. Why not add a map for each leg of your travels, with corresponding clips in between?

Map selection
The map menu offers a selection of map styles for you to choose from. Simply drag them to your project to add them

3: Where in the world?



- For both the start and end locations, click the respective buttons and begin typing a location or airport. iMovie will suggest locations which you can then select as a start or end point in your movie.

4: Map action



- With both start and end locations added, your map is now animated to show the route between the two. Your new map will now appear like any other clip in your movie and can be moved and edited in the same way too.

Tutorial: Add a theme to your iMovie project

Bring your iMovie project to life with one of the amazing new themes in iMovie '09, which feature titles, transitions and closing credits



Task: Add a theme to your iMovie project

Difficulty: Beginner

Time needed: 20 minutes



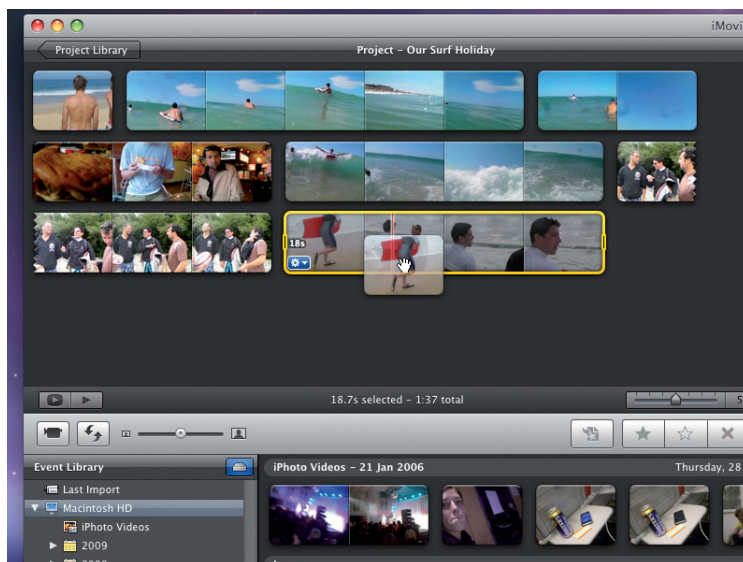
We were shocked when the brilliant themes of previous iMovie versions were dropped in iMovie '08. They were one of the best features and made average projects stand out from the crowd, with slick transitions and credits. Fortunately, themes make a triumphant return in iMovie '09 with a brand new set of styles and an easier way to apply them. Unlike before in previous versions of iMovie, you can now apply a theme to an existing project with transitions and credits added automatically. Gone are the days of filling drop zones – it's now even quicker to make your movies shine!

You can add a theme to your project before you begin (when you first create a new project), but in this example we'll be using the Theme browser from within the Project window to add a theme to some existing clips we have added. The theme is then applied to the project and can be adjusted in a number of ways, as we will show you here.



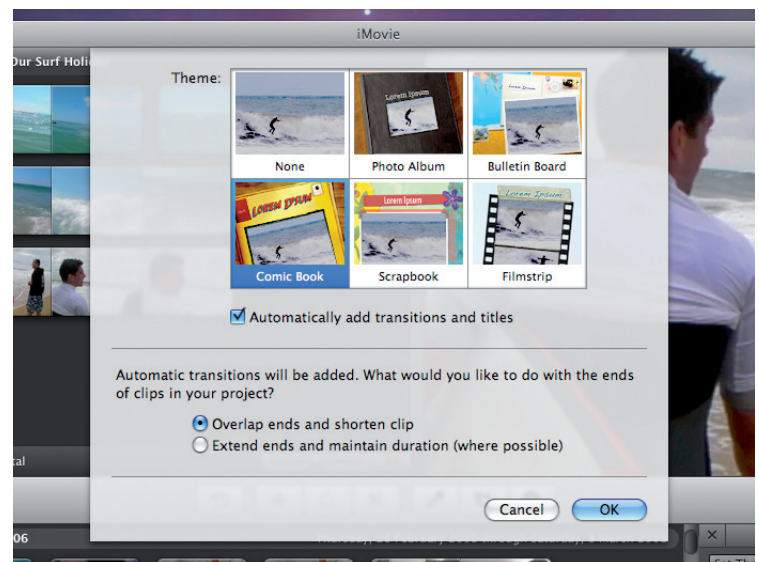
Step-by-step iMovie Add themes to your movies

1: Add your clips



- Start by dropping clips from your library onto the Project window. Bear in mind the structure of your project as you add them, adding a beginning, middle and end to your movie.

2: Pick a theme



- Now click the Transition button (second from the right below the Viewer window) and click the Set Theme button to bring up the Theme chooser. From here, click on the theme you wish to apply and then click OK.



Incorporate new themes with iMovie '09

Special transitions

Theme-specific transitions are added to your project between clips to keep everything in the same style

Knowledge base

Mix and match

You don't have to stick with the original clip order once you have applied a theme. It's very easy to click and drag clips around in your project and even add new ones without affecting the theme. You can even add music to your project to play over your movie.

Opening credits

This block at the start of the project denotes the title portion of your theme. You can edit the text by double-clicking it

Closing credits

A 'Directed By' screen is added to the last clip in your project and can be edited in the same way as the opening credits

Set Theme button

You can change a theme at any time by clicking the Set Theme button under the Transitions screen to access the Theme chooser

3: All themed up



- The theme will now be applied to your project with an opening sequence, transitions between clips and even a final credit sequence applied throughout your project.

4: Edit the titles



- By default the title screen is given the same name as your project name and the director is credited as the owner of your Mac. To change this, simply double-click the Theme bar above your clips and type some new text in.

Get in gear

To tweak the start and end points of two adjacent clips click on the second shot's gear icon and select Precision Editor from the pop-up menu

Knowledge base

In or out?

It can take a while to get your head around the way the Precision Editor includes or excludes footage. The Precision Editor reduces the brightness of parts of a filmstrip when a section is excluded from the edited programme. Included footage remains at full brightness in the filmstrip. Hit the Spacebar to preview your edited footage in real time.

Preview tracks

The top bar previews the previous shots in the sequence. The bottom bar shows us the latest shot. Scrub along the grey bar to preview the edited cut

Change edit point

The blue line marks the spot where the edit occurs. Cut to an earlier or later point in a video clip by dragging it left or right

Added extras

If you want to see how your fine-tuned video clips relate to other elements in the project click here to make extras like music and titles become visible in the Precision Editor

Tutorial: Edit footage with iMovie's Precision Editor

Use iMovie's Precision Editor to fine-tune the start and end points of multiple video clips and make the action flow seamlessly from one shot to the next



Task: Edit with greater precision in iMovie

Difficulty: Intermediate

Time needed: 15 minutes

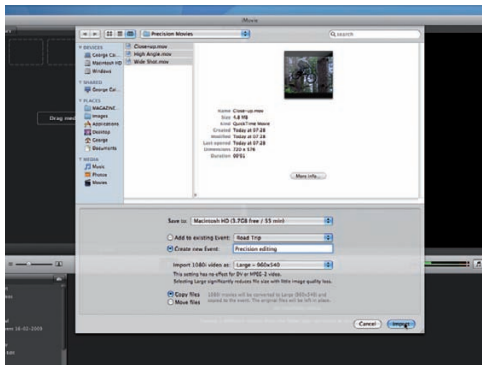


By repeatedly filming an action clip (like a cyclist flying off a ramp for example) you can make it look like you had multiple camera operators covering the event. With careful editing you can make the footage look like a single 'live' event instead of multiple takes. iMovie '09's new Precision Editor enables you to tweak the start and end point of each clip with ease so that the action flows seamlessly between each shot. You can use this technique for a number of situations, from cutting between a wide shot and a person's point of view or a close up shot of an event occurring. In this tutorial we've used the example of a mountain biker jumping off a ramp and used shots from different angles to piece together one continuous clip. Check out 'Precision.mov' on the disc to see the end result of this tutorial and then discover the power of the Precision Editor by cutting the raw footage together.



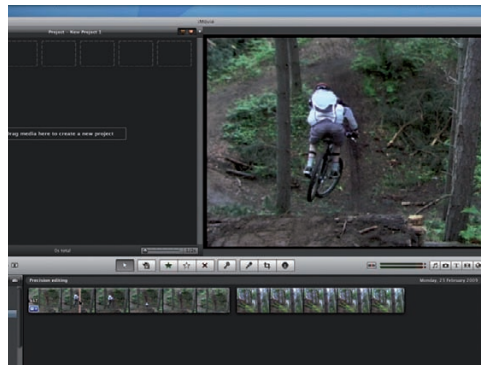


Step-by-step iMovie Tweak your in and out points with precision



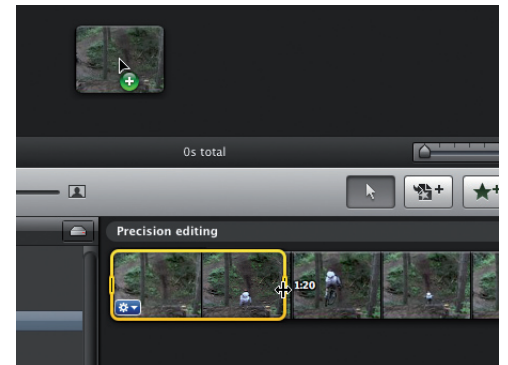
1: Import assets

Go to File>Import>Movies. Browse to 'High Angle.mov' and 'Wide Angle.mov' on the cover CD. Create a new event and click Import.



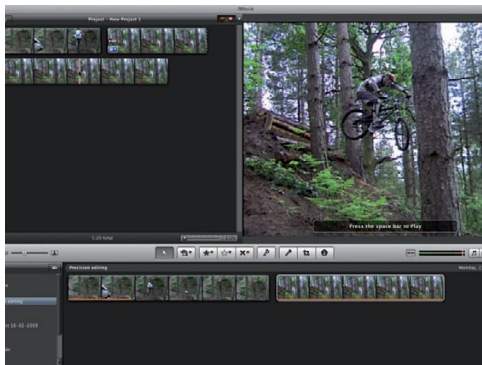
2: Playback footage

Hit the Spacebar to play the footage in the Event browser. We start off on a high angle shot and then cut to a wide shot.



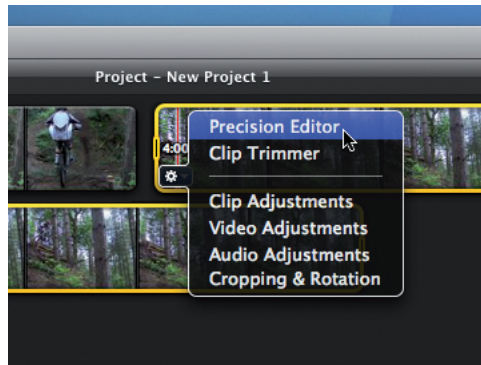
3: Add first clip

Drag the cursor from the start of the first clip to select 1:20 seconds in the yellow box. Drag the selection to the Project window.



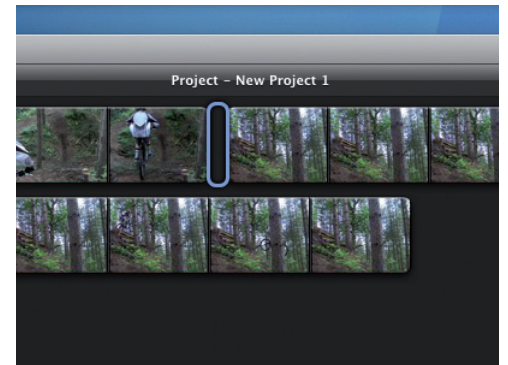
4: Add a second shot

Click on the second clip in the Event browser to select it all. Place it after the first clip in the Project window. Play back the sequence.



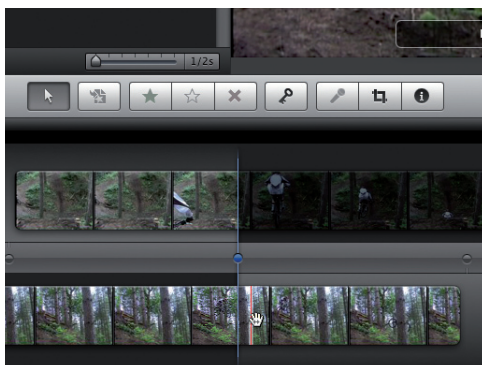
5: Precision Editor

At the start of the second clip we wait too long for the bike to appear. Click on the clip's gear icon and choose Precision Editor.



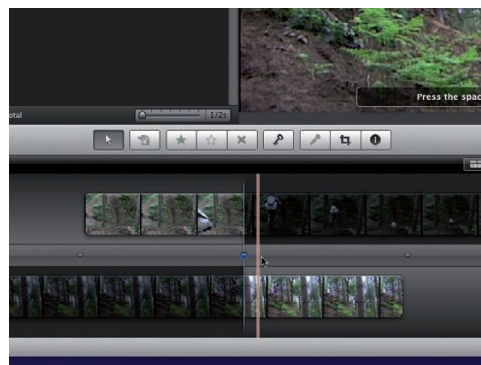
6: Edit point

The blue line indicates when you cut from the first clip to the second. You can change the edit points by sliding the clips left or right.



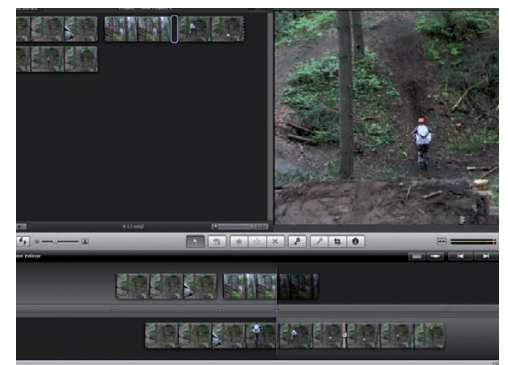
7: Trim the clips

Drag the top clip right so it cuts while the bike is nearer the camera. Drag the bottom clip left so the bike appears on the cut.



8: Preview the edit

Scrub the cursor along the grey bar between the two clips to preview the new in and out points. The action flows seamlessly between the two shots.



9: Trim final shot

Select the end of the high-angle clip from the Event browser and add it to the sequence. Trim the edit so we cut to the bike as it lands.

Tutorial: Experiment with themes in iMovie

Explore iMovie's wide selection of themes and add sophisticated transitions and graphics to your video projects. Discover how to change a project's themed graphics in an instant



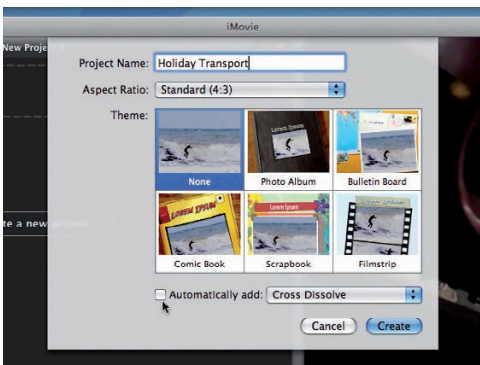
Task: Add animated graphics to your project
Difficulty: Intermediate
Time needed: 20 minutes



A video without titles and transitions is like a cake without icing. Fortunately you can create a more professional looking production with some sophisticated animated graphics. iMovie groups graphics and animated captions together into themed collections. When you choose a specific theme from the Transitions or Titles browsers you're presented with a new selection of themed titles and transitions to play with. These themed graphics give your programme a coherent visual style. You can even change transitions and titles in your project in a single mouse click to find a theme that suits the content of your movie.

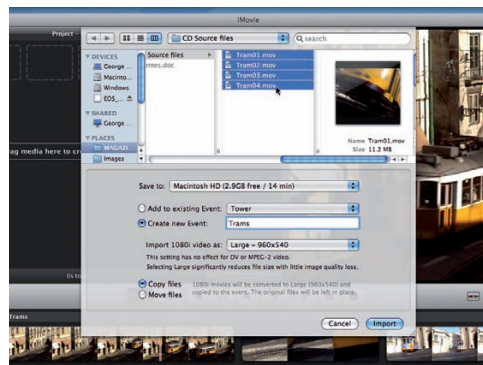


Step-by-step iMovie Experiment with themed graphics to create a suitable style



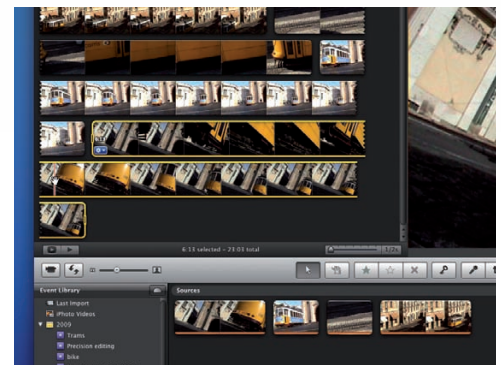
1: Create new project

Go to File>New Project. Untick the Automatically Add box. As you're going to experiment with various themes choose None and click Create.



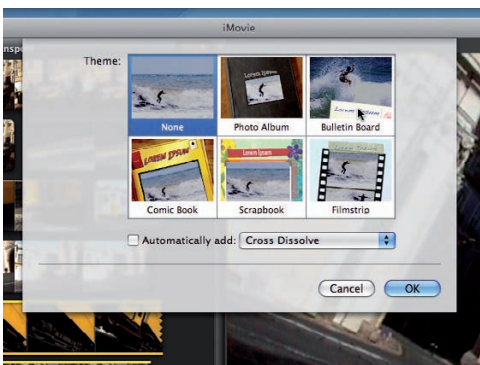
2: Import movies

Choose File>Import. Browse to the footage of trams on your CD and Shift-click to select them. Create a new event called Trams.



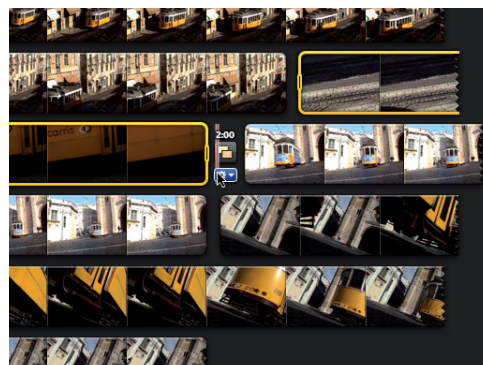
3: Edit project

Drag the cursor along the first clip in the Event browser to select it, then drag it into the project. Add the other three clips to create a sequence.



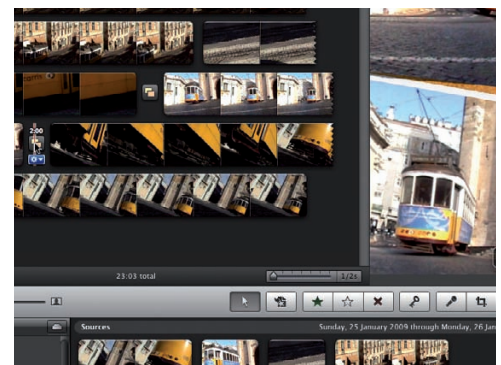
4: Access extra transitions

Go to the Transitions browser. To access extra transitions click Set Theme and choose Bulletin Board. Untick the Automatically Add box.



5: Add a transition

Drag Bulletin Board 2 between the second and third clip. Press the Spacebar to play the animated transition between the two clips.



6: Add another

Place Bulletin Board 4 between the last two clips. Both transitions share a similar style, which adds continuity to the body of your programme.



Add graphics and transitions in iMovie

Groovy graphics

iMovie's collection of animated themes automatically places your video clips into windows within an attractive graphic interface, enabling you to create sophisticated title sequences

Change duration

You can make an animated title run longer or shorter by dragging the start or end point of the title bar. To change the duration of a transition click its gear icon

Knowledge base

Select all

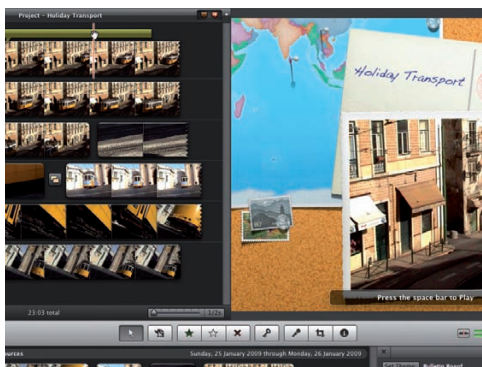
When you click on a clip in the Events Browser, iMovie automatically selects four seconds of the clip with a yellow box. To select a whole clip with one click go to iMovie>Preferences. Go to the Browser and tick the Clicking in Events Browser selects entire clip option. Now you can select an entire clip with a single click and drag it onto the Project Window

Quick change

You can experiment with different themes at any time by clicking here. All the current themed titles and transitions will be replaced by transitions relating to the new theme

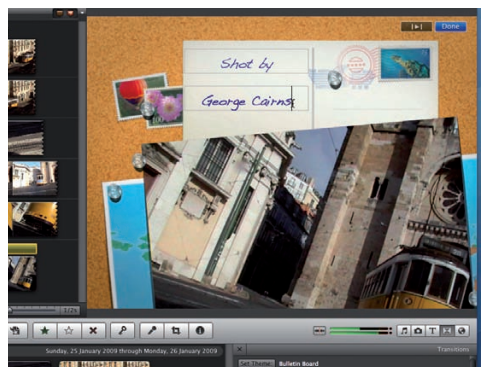
Titles and transitions

When you set a theme for your project you'll notice that a collection of additional transitions and titles will be available in both the Titles and Transitions browsers



7: Top and tail

Click the Titles browser. Complete your programme by adding animated titles and credits that use the Bulletin Board theme. Drag Bulletin Board to clip 1.



8: End credits

Drag Credits 1 onto the last clip. Double-click on the title bar above the clip in the Project window and type credits into the main viewer.



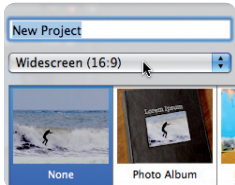
9: Change the theme

To see how your programme looks with different graphics choose a new theme. All the titles, credits and transitions will instantly update.



Tutorial: Edit widescreen footage in iMovie

Shoot and edit footage that will fill the whole screen without distorting, cropping or pillarboxing!



Task: Shoot and edit in widescreen in iMovie

Difficulty: Intermediate

Time needed: 15 minutes



Widescreen TVs have a shape (or a screen aspect ratio) of 16:9. Old-school TVs have a 4:3 shape. If you show 4:3 footage on a widescreen TV it will be much narrower than the screen, with black bars running vertically on either side of the picture (known as pillarboxing).

Most widescreen TVs will let you stretch a narrow 4:3 image so that it reaches the sides of the screen, but this will distort your footage. You could zoom the 4:3 footage so that it fills the 16:9 screen, but this will crop the top and bottom of your shot. Fortunately, it's a doddle to shoot and edit for playback on widescreen TVs in iMovie '09.



Step-by-step iMovie '09 Go wide with widescreen editing of your footage in iMovie



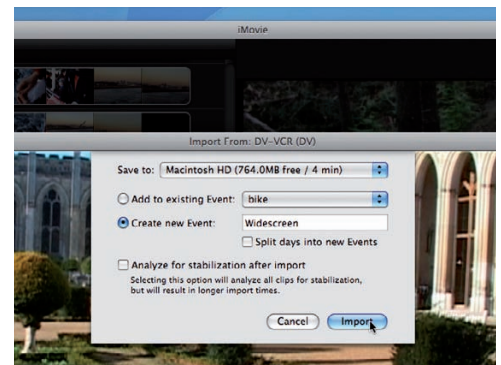
1: Set up your camera

To shoot widescreen footage go into your camera's menu and choose a 16:9 aspect ratio. This will capture a wide 16:9 image instead of a narrow 4:3.



2: Pillarboxing

If your camcorder has a 4:3 LCD monitor you may notice black bars sandwiching the 16:9 frame. This 'pillarboxing' won't be visible on a widescreen TV.



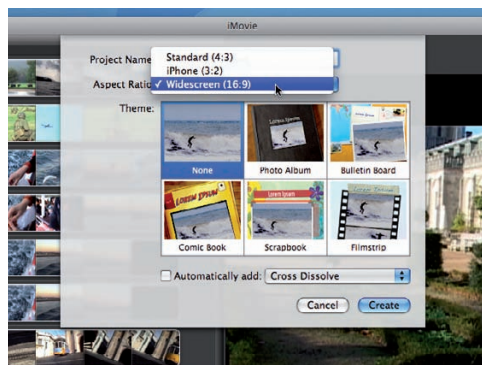
3: Import footage

Click on the camera icon to import your widescreen clips. They will play in a 16:9-sized Import window. Add them to a new event.



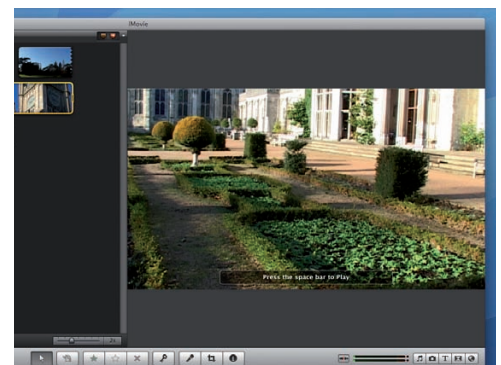
4: Pillarboxing

When you play back 16:9 footage in iMovie's Viewer you may notice black bars (pillarboxing) at the top and bottom of the frame.



5: Choose an aspect ratio

To remove pillarboxing go to File>New Project. Name the project and choose an aspect ratio of Widescreen (16:9). Now click Create.



6: Add clip to project

Click on a shot in the Event browser to select it. Drag the selection into the Project window and play the clip. The pillarboxing will have disappeared.



Shoot and edit in widescreen with iMovie

Avoid pillarboxing and cropping by editing footage in widescreen

Aspect ratio

iMovie can correctly display footage captured using a 16:9 aspect ratio without adding black bars to the top and bottom of the frame. This will make it fill an entire widescreen TV

Web friendly

If you're producing video for the web then it tends to play in smaller windows, so you don't need to worry so much about shooting in widescreen. However, MobileMe will display a 16:9 shot quite happily

Knowledge base

Cinematic scale

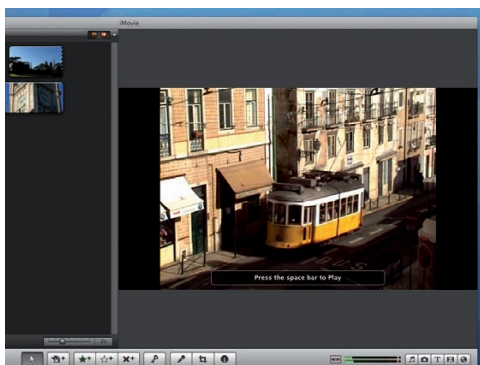
Shooting in a widescreen makes the image look more cinematic, as Hollywood has used the 16:9 ratio for decades. The elements in your widescreen shot have more 'breathing space', giving you more composition options. Some filmmakers shoot in even wider aspect ratios like 2.40:1. DVDs of these 'wider' movies will be pillarboxed even when they play on a 16:9 widescreen TV.

4:3

You can include footage shot using a 4:3 (full screen) aspect ratio in your 16:9 widescreen projects. iMovie will automatically zoom in on the 4:3 clip so that it fills the wider 16:9 frame

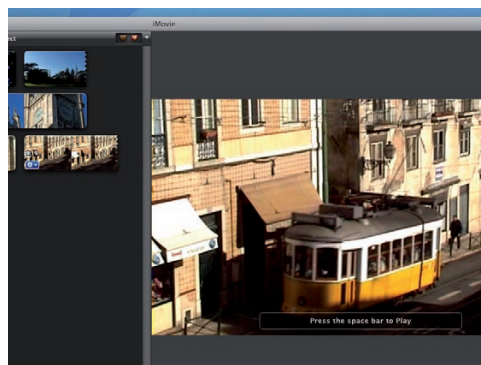
Careful composition

Bear in mind that not everyone has a widescreen television. Place important details nearer the centre of the frame as the edges of a 16:9 image may be cropped out on a 4:3 screen



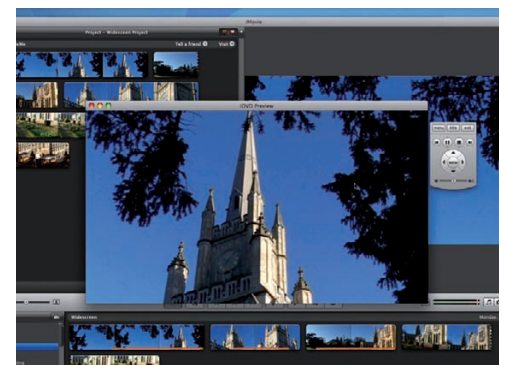
7: Mix and match

Although you're editing in the 16:9 aspect ratio, you can add 4:3 shots to the project. A 4:3 shot will have pillarboxed edges when played in the browser.



8: Made to measure

When you drag a 4:3-sized shot into the Project window, iMovie automatically zooms and crops the shot to lose the black edges.



9: Export

To see your 16:9 movie on a widescreen TV go to File>Share and use iDVD to burn it to a shiny disc, or share it in a MobileMe gallery!

Tutorial: Fix shaky footage in iMovie

We all have shaky-handed moments when filming, so here's how to make sure your clips remain useable in iMovie



Task: Use the Video Stabilization tool in iMovie

Difficulty: Beginner

Time needed: 20 minutes



Picture the scenario: you've just come back from your holiday and are desperate to put together your latest iMovie production, but when it comes to importing your clips many of them are just too wobbly to use. Without the option to go back and shoot your footage again, these clips would normally be resigned to the trash. Fortunately, iMovie's new Stabilization feature provides an effective way to fix shaky footage.

By analysing your video, iMovie can cater for shakes such as those found when shooting inside a moving vehicle. You'll need to let iMovie analyse your clip once you add it to the project, so make sure you set some time aside for what can be a time-consuming process. But, given the task it will perform for you, it'll be worth it. Here we'll show you how to import and fix your shaky clips.



Step-by-step iMovie Stabilise footage



1: Select the shakes

Select the offending footage from your Library by drag the cursor across the clip from the start to finish, until the yellow bars are surrounding the area you wish to use. Hit Space to play back your selection.



2: Add your clip

Now drag your selection to the point in your project you wish to add it. If you're looking to simply stabilise the footage but aren't adding it to a project, simply drag it to the Project window. Now press the 'i' button.



Fix shaky footage in iMovie

Use the Stabilization tool to keep your clips useable

Thin red line

This red undulating line shows that analysis has been performed on your clip, so you can tell those that have been stabilised.

Get info

Click this button to bring up a range of options that can be applied to your currently selected clip, including effects, colours and audio adjustments.

Smooth checkbox

This checkbox will turn the stabilisation off or on for your chosen clip and can be accessed by hitting the Info button on the toolbar.

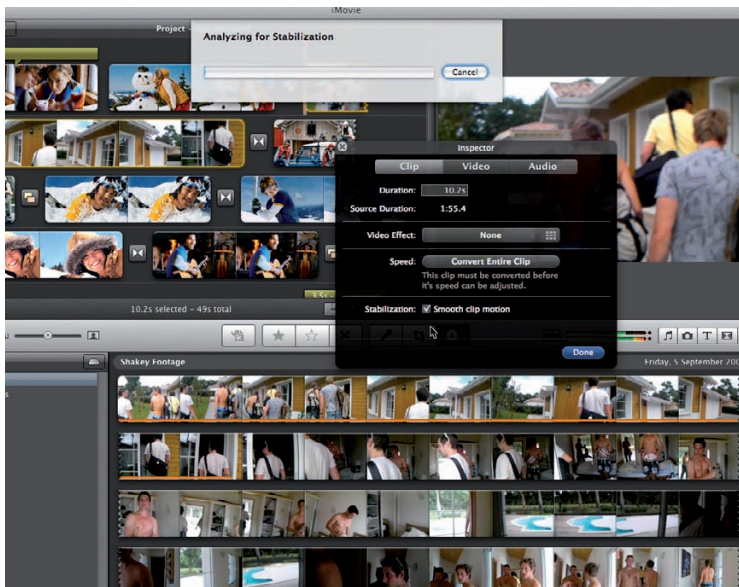
Check it out

You can preview the effect of the stabilisation once the analysis has been applied by playing back the clip from the Project window.

Knowledge base

Less is best

It's often best to use smaller clips with the Video Stabilization feature in iMovie. Not only will it save time during analysis, especially for HD footage, but it will also make it easier for iMovie to detect and fix the problems. There are, of course, times when iMovie may not be able to completely fix the shake, so be prepared if you've got some extreme wobbles.



3: Start analysis

From the Inspector window that appears, select the Clip tab and then check the box next to 'Smooth clip motion'. iMovie will now begin to analyse your clip in order to stabilise it.



4: Successfully stable?

Once your clip has been analysed you will notice that a red line appears below the clip in the Project window and the Library. This denotes that stabilisation has been applied. Check your clip by hitting Play.

Tutorial: Cut clips to the beat in iMovie

Discover the easiest and fastest way to cut your clips to fit a musical soundtrack with the Snap To Beats feature



Task: Cut clips to a soundtrack in iMovie

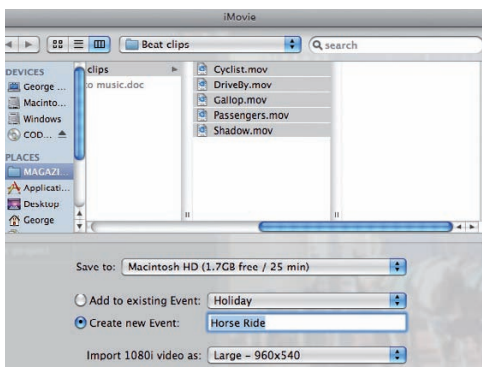
Difficulty: Beginner

Time needed: 15 minutes

Music provides an effective way to link a series of shots together to create a smooth, flowing sequence. By trimming your programme's clips to match the tempo of the soundtrack you can provoke different moods from your audience. Up-tempo percussive beats drive the narrative forwards, while soft mellow riffs suit a slow montage of dissolves. Cutting clips to the beat with precision was a challenge in older versions of iMovie, but the new Snap To Beat feature helps create sequences with ease. Check out 'Beat.mov' on the disc to see the finished result, then edit quickly from scratch using our raw source footage.

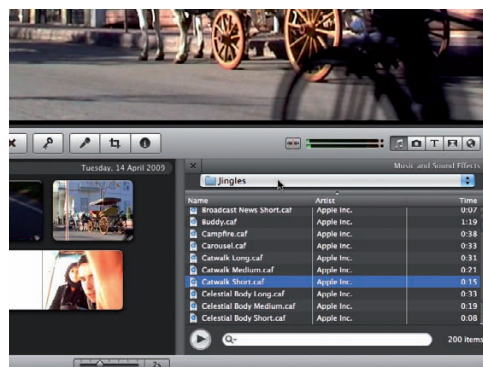


Step-by-step iMovie Use the Snap To Beats feature to cut clips to a soundtrack



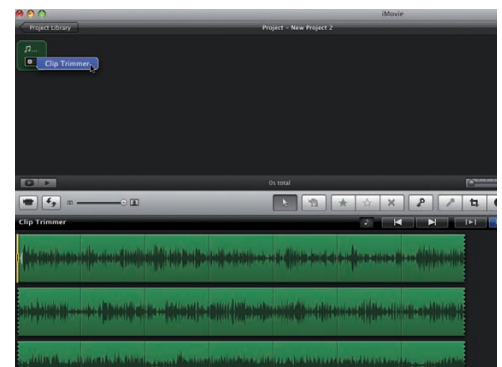
1: Import clips

File>Import the five source movies from the free CD into a new Event. These vary in length, but you can cut them precisely to the beat in a jiffy.



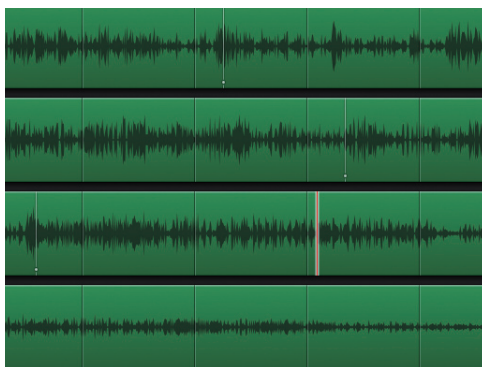
2: Create new project

Choose File>New Project. Set the Aspect Ratio to 4:3 and click OK. Use the Music and Sound Effects browser to access the Jingles folder.



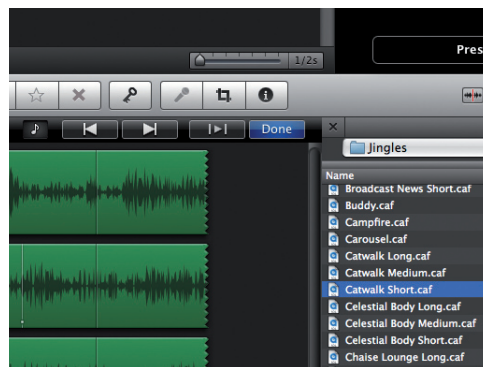
3: Open clip trimmer

Drag Catwalk Short onto the Project window. Click the Gear icon and choose Clip Trimmer. Now drag the number of frames slider to display half a second.



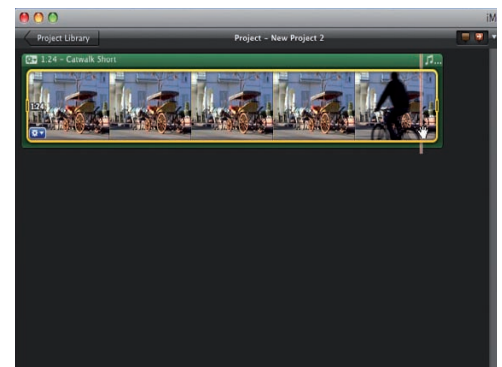
4: Add beat markers

Hit the Spacebar to play the audio clip. Tap the 'M' key once every four beats to mark where you'd like to cut to a new shot. White beat markers will appear.



5: Move markers

You can drag the beat markers to fine-tune their position. You can often recognise a beat as a peak in the waveform. Now click Done.



6: Cut to the beat

Drag the third clip from the Event browser onto the green musical clip in the Project window. The video will automatically cut at the first beat marker.



Cut clips to a soundtrack in iMovie

Use the Snap To Beats feature in iMovie to fit music to your footage

Knowledge base

Enable the feature

The Snap To Beats feature saves you the time and hassle of trying to trim clips manually so that they start and end on a specific musical beat. To make sure that this amazing feature is enabled go to View, where you should notice the Snap To Beats menu option has a tick next to it. If it doesn't then select it to make it active.

Cut to the beat

The Snap To Beats feature allows you to quickly trim the duration of a clip so that it starts and ends on a precise beat

Beat markers

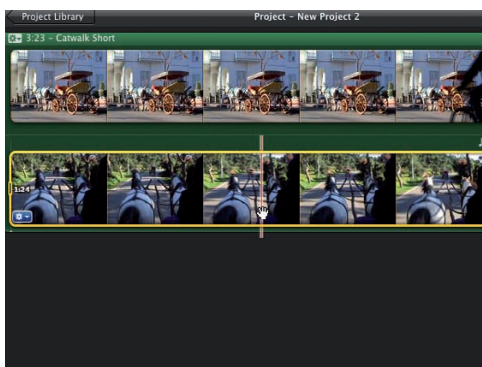
Beat markers appear as a white vertical line with a small dot near the bottom. You can drag an unwanted beat marker above or below the Clip Trimmer window to delete it

Hit the right note

You can drag a beat marker from this icon and place it anywhere in your music track. Alternatively, press the 'M' key to add beat markers while listening to the music

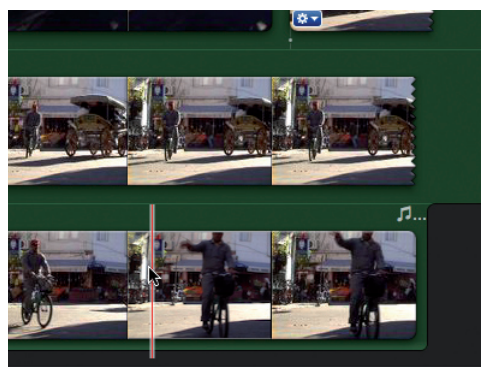
Musical assets

The Music and Sound Effects browser has a wide range of music to suit any subject matter, making it a valuable resource for videographers



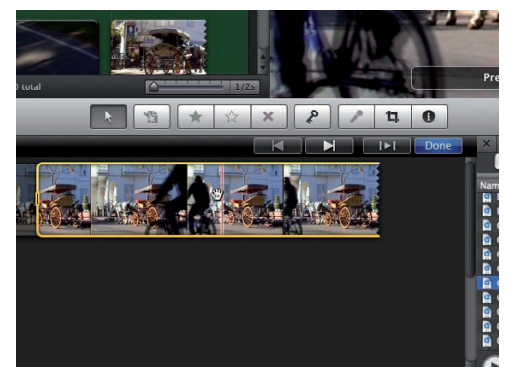
7: Add new clip

Drag the first clip from the Event browser just after the clip in the Project window. It will automatically start and end on the beat markers.



8: Add more clips

Drag the rest of the clips onto the Project window and iMovie will automatically trim them to cut on the beats. End with the cyclist waving at the camera.



9: Fine-tune your edits

Click on the first clip's Gear icon. Choose Clip Trimmer. Drag within the yellow box to make the clip cut as the cyclist exits the frame. Click Done.

Compatibility

These blue dots indicate which movie sizes suit specific devices and platforms. The Mobile format is the best all rounder, enabling you to view an edited movie on iPhone, your Mac and online too

Share and enjoy

You can use the options in the Share menu to export your edited video to a variety of destinations. Send it straight to iMovie and sync it with your iPhone or upload it to a MobileMe gallery

Knowledge base

For your eyes only

You could make your video downloadable for the world to share, or protect it with a password for viewing by a select few. To limit access to your online movie open the 'Viewable by' drop-down menu in the Publish window and choose Edit Names And Passwords. Tick the '+' icon to add a user's name and give them a password.

Download

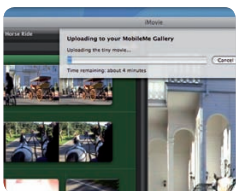
If you want to let other people download your movie and pop it on their own iPhones (or email it to their friends) then tick the Download option before publishing it to MobileMe

Extra info

For more information about the various size options tick the 'i' icon. Tiny creates files running at a jerky 12 frames per second, so for a smooth 25 frames per second frame rate use Mobile, Medium or Large

Tutorial: Export iMovie projects for the web

Give your edited movies maximum exposure by placing them online for all to see with our nine-step guide



Task: Share and export your iMovie footage

Difficulty: Beginner

Time needed: 15 minutes



Thanks to low-cost video camcorders (and the ability to record video on stills cameras and many phones) we are now generating more footage than ever before. This could leave most of our video footage gathering digital dust on our hard drive, but fortunately iMovie '09 is a one-stop shop that enables us to organise, edit and share our shots with ease.

If you're a budding Hitchcock with a showreel to share or you want to deliver a rough cut of a programme to a client then iMovie's sharing tools will output video in web or iPhone-friendly formats in a jiffy.



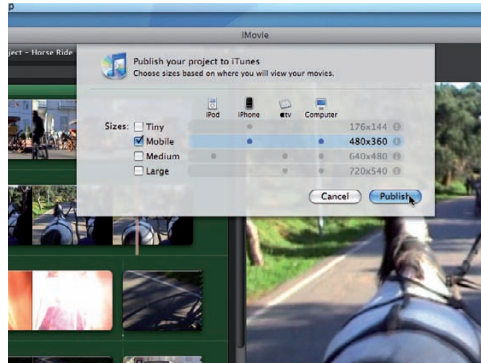


Step-by-step iMovie Share your programmes on your iPhone or via the web



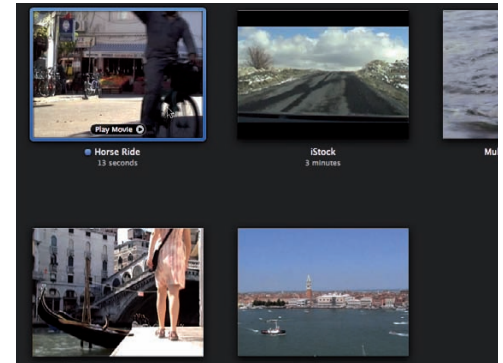
1: Edited project

Open an edited project. If you've yet to produce one you can follow the steps in this issue's previous iMovie tutorial (p40) using the footage on the CD.



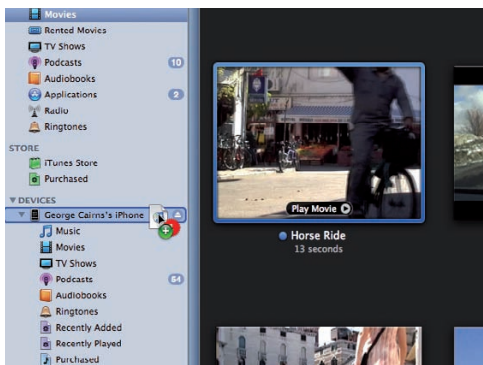
2: Share to iPhone

To create an iPhone-friendly .m4v file go to Share> iTunes. To view maximum quality and frame rate on the iPhone screen tick Mobile. Now click Publish.



3: Open iTunes

Click on the View icon in the top-right of the Project window to go to iTunes's Movies Library. A blue dot indicates that your movie is new.



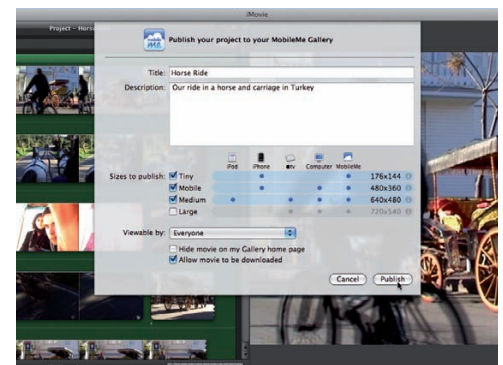
4: Sync to iPhone

Plug in your iPhone. If you've ticked 'Manually manage music and videos' in the iPhone's Summary page you can drag the movie onto the iPhone's icon.



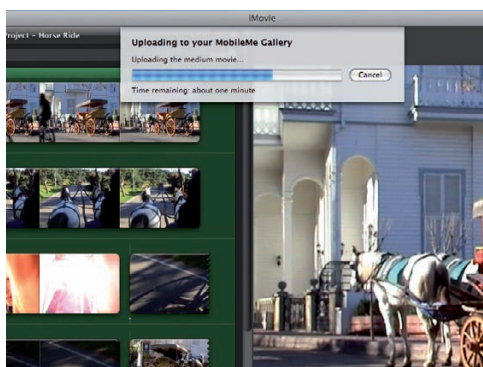
5: Playback

To view your movie click on the iPhone's iPod icon. Click the Videos icon and navigate to the Movies section. Click your movie's thumbnail to play it.



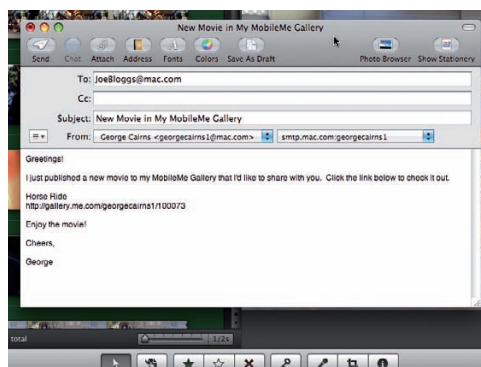
6: Share online

To pop your video online go to Share>MobileMe Gallery. Give your movie a description. Tick different sizes for people to choose from. Now click Publish.



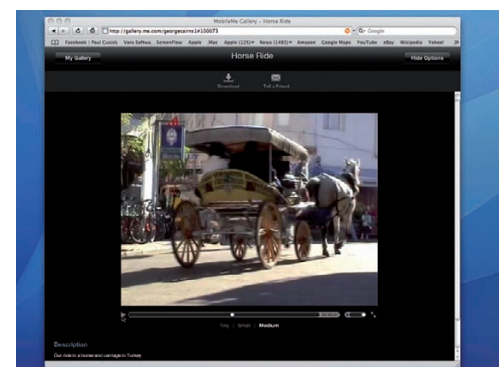
7: Upload to MobileMe

iMovie will create different versions of the movie and upload them to your MobileMe gallery. This may take a while depending on the duration of your film.



8: Publicise your movie

Click the Tell A Friend button to create an email invitation that automatically contains all the information people need to view your film online.



9: View your movie

Click on the Project window's Visit icon to view your film online. If you ticked the Download option in step 6 you'll see a clickable Download icon.

Select and trim

Choose the section of the clip that you want to keep by sliding the yellow selection handle. Areas outside the selection will vanish when you choose Edit>Trim To Selection from the main menu

Faster trimming

To access the Trim To Selection menu option without rummaging around in the main menu bar simply right-click on a clip. This activates the context-sensitive pop-up menu wherever the cursor happens to be

Split-sound edit

By detaching and offsetting a clip's audio track you can avoid a jarring jump when you cut from one shot to another. This is one way to create a more smoothly flowing sequence

Knowledge base

Fine-tuning

To trim the end of a clip by a frame or two go to iMovie>Preferences and tick the Show Fine Tuning Controls box. At the start or end of a selected clip in the Project window you'll see a double-headed arrow. Click on this and you'll activate an orange selection handle that lets you trim the shot frame by frame.

Clip Trimmer

The Clip Trimmer lets you slide the yellow selection handle to choose which part of a shot to keep. Areas outside the selection are trimmed away when you click Done

Tutorial: Faster trimming in iMovie

Cut, split and trim rough-and-ready raw footage into a flowing sequence using the handy Clip Trimmer



Task: Trim away unwanted footage in iMovie

Difficulty: Intermediate

Time needed: 15 minutes

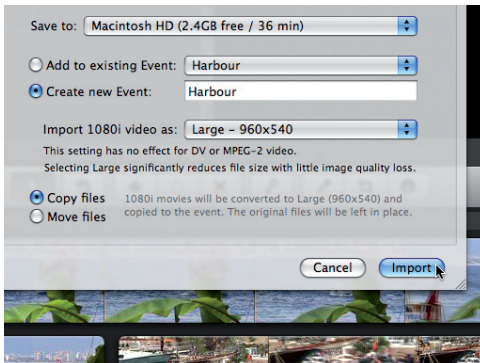


When you shoot footage on location you may leave the camera running as you re-frame the shot. While this can cause you to capture some wobbly zooms and shaky whip-pans, it will also stop you missing any crucial events. Thanks to tools like the Clip Trimmer it's a quick and easy task to trim away dodgy camera work and leave the well-composed sections of footage intact. Our footage of a boat approaching a harbour starts off as a close-up and then zooms out to a long shot. We'll show you how to trim out the wobbly zoom and make the action cut smoothly from a long shot to a close-up.



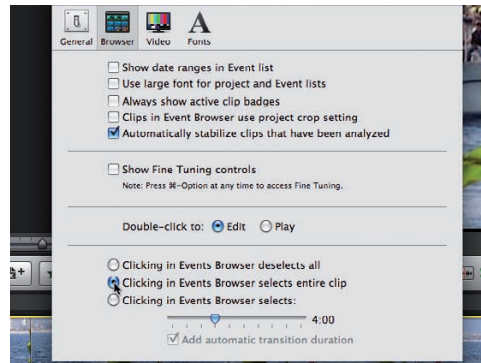


Step-by-step iMovie Speed up your video editing workflow



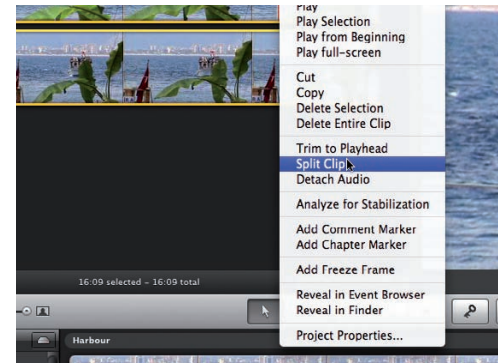
1: Create new project

Go to File>New Project. Set Aspect Ratio to 16:9 and click Create. Now go to File>Import>Movies and import the footage from our disc into a new event.



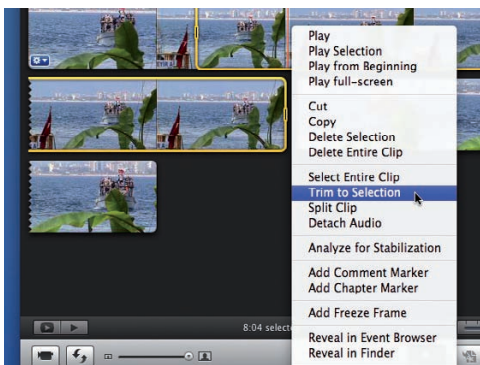
2: Faster clip selection

Go to iMovie Preferences and click Browser. Tick the 'Clicking in Events Browser selects entire clip' button (instead of the default four seconds).



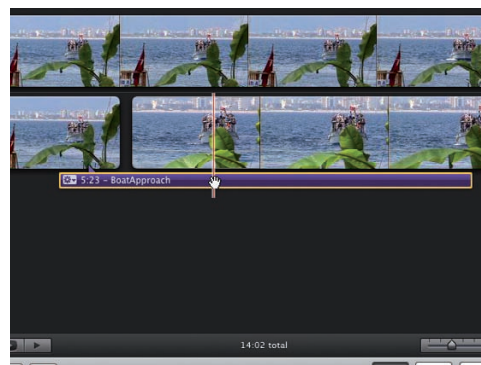
3: Split first clip

Drag the shot of the boat approaching the harbour into the Project window. Right-click just before the camera zooms out and choose Split Clip.



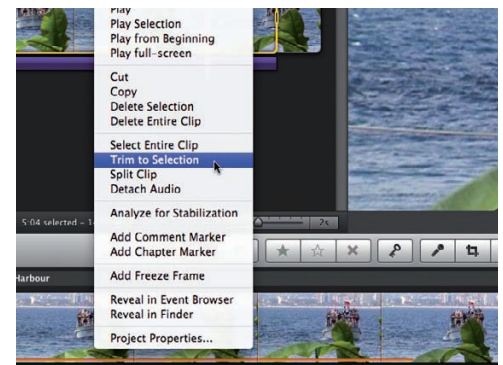
4: Trim to selection

Swap the clips to cut from long shot to mid. Drag the first clip's yellow selection handle until the camera stabilises. Choose Trim To Selection (Command+B).



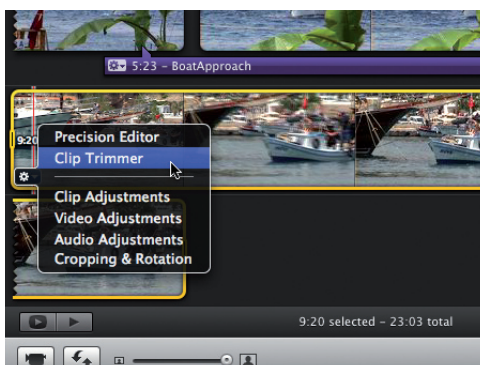
5: Split sound edit

To link the two shots together more effectively right-click on shot 2 and choose Detach Audio. Slide the audio so it overlaps the cut.



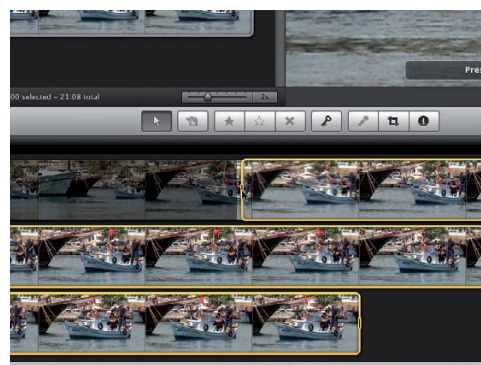
6: Trim the end

The offset audio means the end of the clip is silent. Use the yellow selection handle to trim the clip where the sound ends.



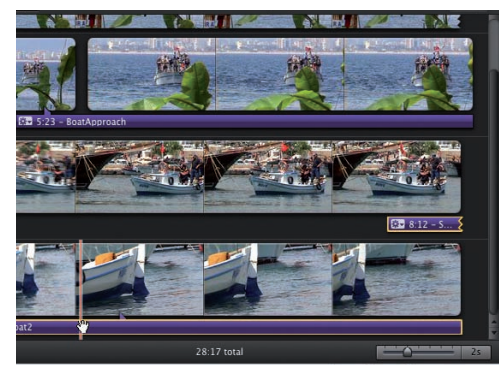
7: Get in gear

Drag the second clip from the Event Browser into the Project window. Click on the clip's gear icon and choose Clip Trimmer from the list of options.



8: Clip Trimmer

The clip will appear as a filmstrip in the Clip Trimmer. Drag the yellow selection handle until the camera zooms in, then click Done to trim the clip.



9: Final cut

Add the final clip to the sequence and repeat step 5 to offset the audio and create a smoother transition between the last two shots.

Tutorial: Colour correction in iMovie

Use iMovie's correcting tools to produce true colours under different lighting conditions and boost weak colours



Task: Correct or enhance colours in iMovie

Difficulty: Intermediate

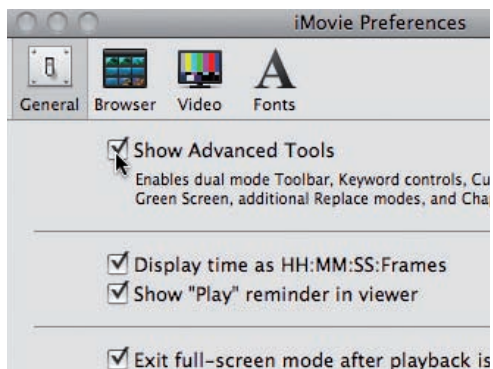
Time needed: 15 minutes



If you shoot with an incorrect White Balance (WB) setting your footage may suffer from a blue colour cast. Shooting in artificial street lighting can make skin tones look too orange and over-saturated. The old iMovie HD could let you tweak a shot's colour saturation and hue, but you had to spend time rendering the colour changes. Invariably the rendered colours would look different to those in the preview, making colour correction a hit and miss affair. The new iMovie '09 let's you change colours in real time and what you see is what you get! You can warm up or cool down colours with ease using a variety of techniques.

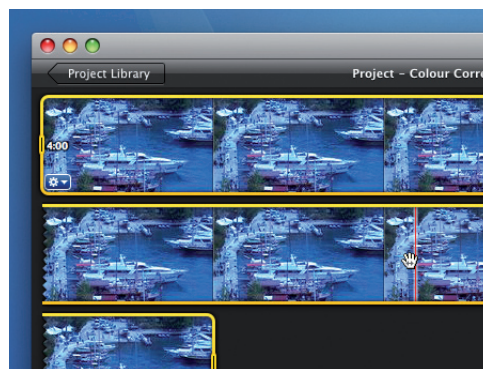


Step-by-step iMovie Correct colour casts in different lighting conditions



1: Show advanced tools

For additional colour changing options go to iMovie>Preferences. In the General preferences section tick Show Advanced Tools.



2: Import clips

Go to File>Import>Movies and select 'Cold.mov'. Drag it into a new project. The white balance was set for indoors so the outdoor scene looks too cold.



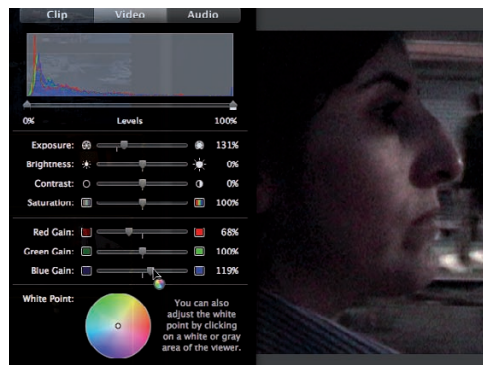
3: Warm up

Double-click on the clip to open the Inspector. Click on Video and set the Red Gain to 125%, Green Gain to 81% and reduce the Blue Gain to 58%.



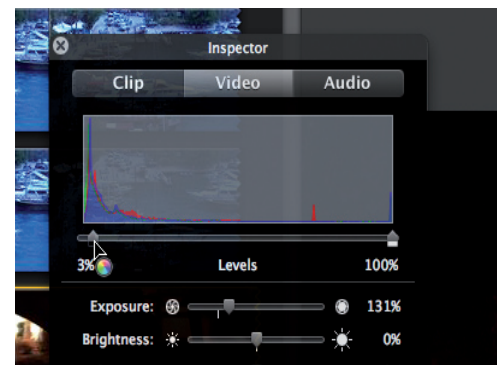
4: One-click wonder

Click Revert To Original. An alternative way to warm up the shot is to click the cursor on a blue tinted object that should be white, like a boat's hull.



5: Cool down

Import 'Neon.mov'. The skin tones are garishly orange. Set the Red Gain to 68% and Blue Gain to 119%. Boost Exposure to 131%.



6: Make less noise

The camera's increased gain setting had added lots of nasty picture noise. Drag the Shadow Levels slider to 3% to darken the shadow's grain.



Correct colours in your iMovie shots

Use iMovie's colour correction tools to boost your images

Video Inspector

The Video Inspector has all the tools you need to warm up or cool down an incorrectly white balanced clip. This lets you remove colour casts or boost a shot's existing colours to make it more attractive

Knowledge base

White balance

Unlike the human eye, your camcorder tends to see daylight as blue and indoor light as orange. Its Auto White Balance setting attempts to look for colour casts and banish them by warming up or cooling down the shot until white looks white. You can give your camcorder a helping hand by using White Balance (WB) presets like Daylight or Indoor.

Feeling blue

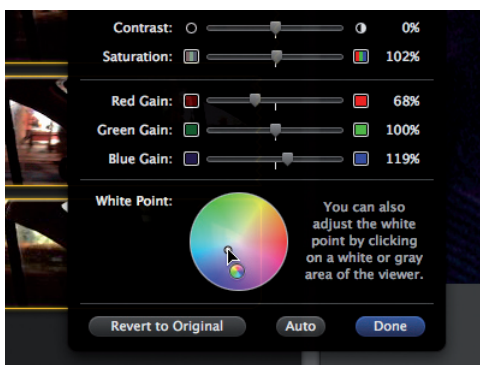
Our original source file suffers from a cold blue colour cast caused by an incorrect white balance setting on the camera. We can rescue problem shots with iMovie '09's colour correcting commands

Advanced tools

The basic Saturation slider adjusts the shot's reds, greens and blues at the same time. To target and adjust these colours independently of each other you will need to turn on the Show Advanced Tools option (see Step 1)

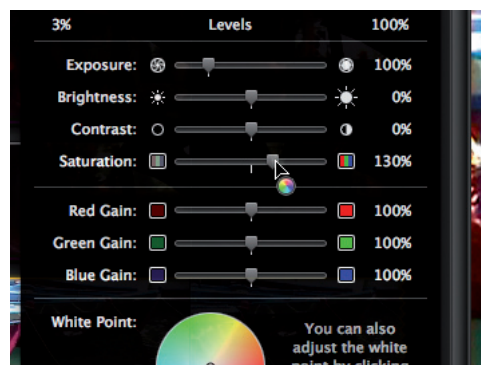
Quick Fix

By clicking the White Point's eyedropper on pixels that should be white, iMovie can automatically warm up or cool down a shot in a click to banish colour casts in an instant!



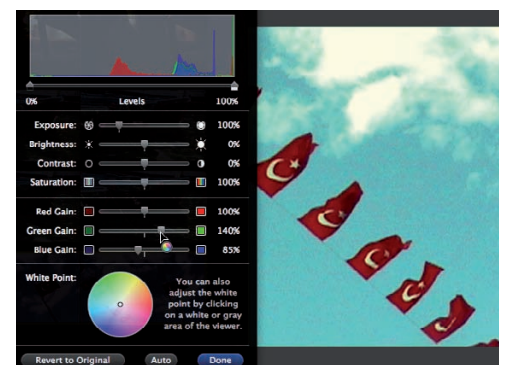
7: Cool it

Fine-tune the colour temperature by tweaking the white point to cool things down a tad. Drag it towards the blue section of the colour wheel.



8: Colour boost

Import 'Saturation.mov'. To bring out this shot's purples, greens and blues go to the Video Inspector and drag the Saturation slider to 130%.



9: Cross-processing

For more creative colour control import 'Flags.mov'. Push Green Gain to 136% and reduce Blue Gain to 85% for a cross-processed look.

Tutorial: Use slow motion effects in iMovie

Enhance the drama in a scene by slowing down time and creating your own action replays



Task: Adjust a scene's speed to have more of an impact

Difficulty: Beginner

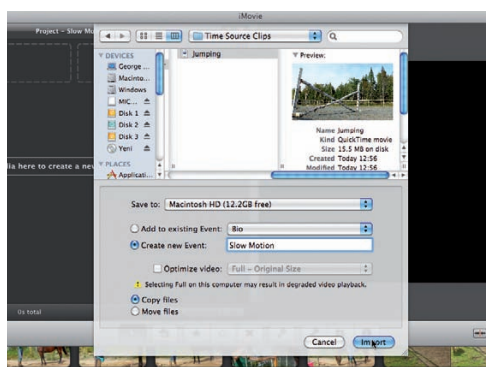
Time needed: 10 minutes



iMovie enables you to tinker with time. By slowing down the action in your footage you can analyse a fast-moving event like horse riding at a more leisurely pace. We'll show you how to cut from real time to slow motion (and back to full speed) in one seamless sequence by using iMovie's clip splitting and re-timing tools, creating action replay style shots. By slowing down the video you'll also slow down the clip's sound, which can make speech sound strange. We'll show you how to replace the re-timed audio with the original sound and add dramatic music to link all the re-timed clips together.

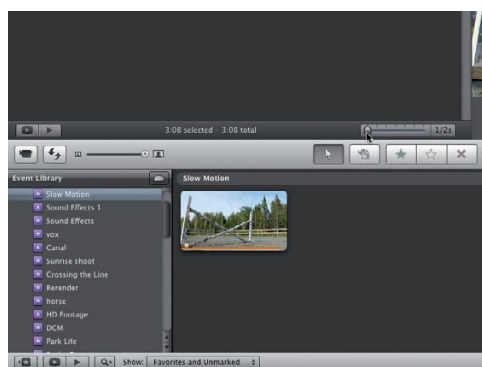


Step-by-step iMovie Change a clip's speed for dramatic effect



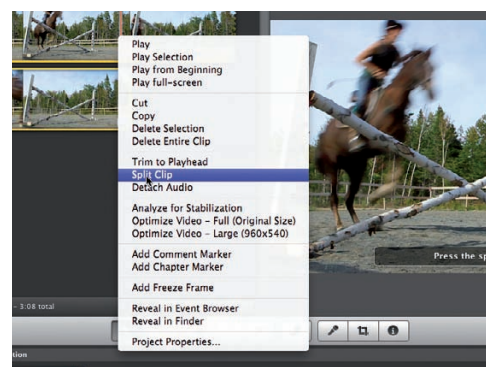
1: Import assets

Go to File>New Project. Create a project with a 16:9 aspect ratio. Choose File>Import Movie and add the Jumping and Driving clips into a new event.



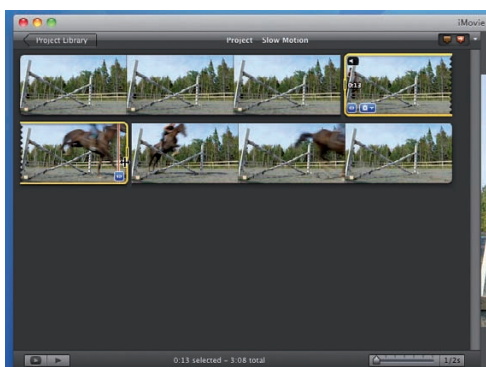
2: Add to project

Drag the imported clip into the Project browser. Drag the number of frames per thumbnail slider to the left to see more of the shot's frames.



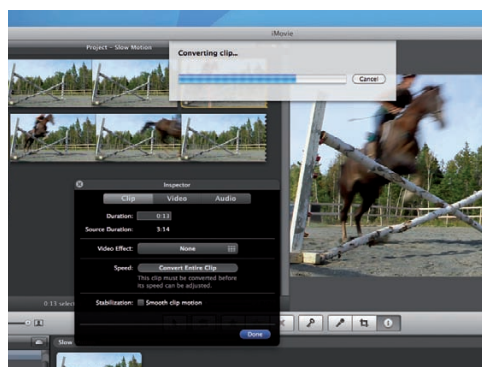
3: Split the clip

Scrub forward through the clip until the horse's front feet leave the ground. Right-click and choose Split Clip from the pop-up list of options.



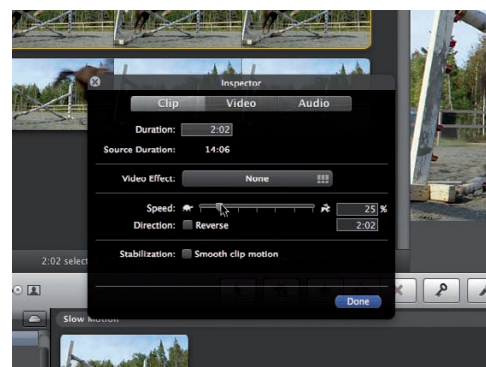
4: Split again

Split the clip again as soon as the front feet land on the ground. You now have three chunks of footage that still flow seamlessly together.



5: Convert clip

To change the middle section's speed double-click on the clip to open the Inspector. Click Convert Entire Clip from the Speed section.



6: Slow down

Drag the Speed slider towards the tortoise icon on the left to slow the speed of the clip down to 25%. Click Done to apply the change.



Add slow motion in iMovie

Introduce dramatic effects to your footage

Sound

To avoid the re-timed clip's slowed-down speech from sounding slurred we replaced it by inserting audio from the original clip

Real time

The start and end clips in our sequence run at the normal speed. Only the middle section has been slowed down

Action replay

Slowing down part of a clip is a brilliant way of analysing action that is normally over in a fraction of a second. Slow motion can also enhance dramatic sequences

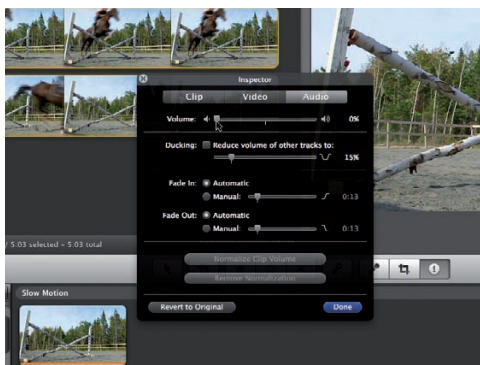
Knowledge base

Invisible edit

This is a video editing term that refers to clips that appear to run as a single shot but actually contain several cuts. Our footage was cut to isolate the bit where the horse leaves the ground. We then slowed down the middle segment, but the invisible edits still let the footage flow smoothly as a single shot.

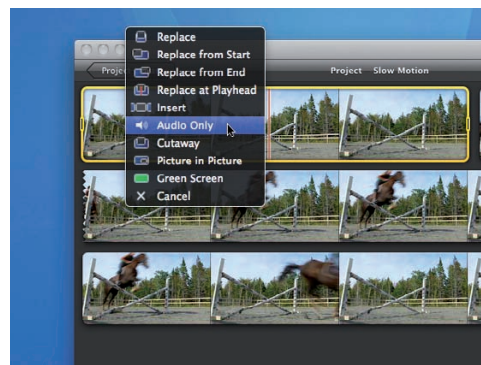
Slow down

Once you've converted a clip so that its speed can be altered use the Inspector's Speed slider to slow down the action



7: Playback

Part of the girl's speech has been slowed down. Press Command+A to select the clips. Go to the Inspector's Audio pane and reduce Volume to 0%.



8: Replace sound

Drag the clip from the Event browser onto the clip in the Project browser. Choose Sound Only from the pop-up menu. An audio track will appear.



9: Fine-tune sound

Drag the audio track right so the girl says "Good Boy!" after the horse jumps. Use Dramatic Accent 01 to add some sound at the start.



Music maestro!
No photo presentation would be complete without a music track to link the separate shots together. We used the thematically suitable Island Long jingle from the Music browser to complement our production

Groovy graphics
The Photo Album theme will automatically place your digital photos in frames and mount them in an old-school style album (complete with scrapbook-style textured card backgrounds)

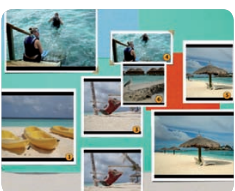
Knowledge base
Fine-tune photo content
The Photo Album theme's transitions automatically fill each frame with photos from the Project window. To change which shots appear in specific frames click on a transition's icon in the Project window. Numbers will appear by the photos. These numbers correspond to numbered frames in the main viewer. Drag the numbers around in the Project window to change the content of the corresponding frames in the viewer.

Tweak time
You can fine-tune the duration of a specific transition by clicking on its gear icon and choosing Transition Adjustment. Type a new duration into the Inspector and click Done

Perfect preview
Before adding a themed transition to your project you can preview its layout and movement by holding the cursor over its thumbnail. This helps you find a suitable transition more easily

Tutorial: Create an animated photo gallery

Use iMovie '09's animated Photo Album theme to present your photos in a more entertaining and eye-catching way



Task: Bring photos to life using Themes

Difficulty: Intermediate

Time needed: 15 minutes

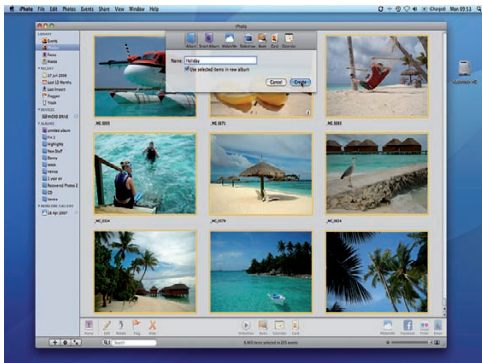


iPhoto's slideshow feature does a fine job of presenting your pictures, but for an even slicker presentation you can use iMovie '09's Photo Album theme to create an on-screen album packed with movement, transitions and attractive graphics that enhance your shots with picture frames. You can then use iMovie's Share options to pop your electronic photo album on a DVD so that friends and family can enjoy your photo album on their TV screen. We've popped some holiday snaps onto your disc for you to work with, though feel free to use your own shots while following our walkthrough.



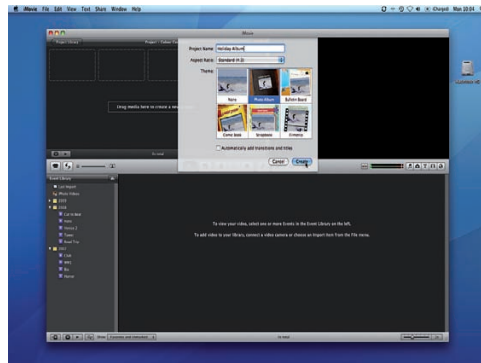


Step-by-step iMovie Import photos and present them with the Photo Album theme



1: Import photos

Open iPhoto. Choose File>Import To Library and browse to the Source Photos folder on your disc. Add the shots to an album called Holiday.



2: Create new project

In iMovie '09 choose File>New Project. Choose a Standard (4:3) Aspect Ratio. Click the Photo Album theme and untick the Automatic Transitions box.



3: Add assets

Tick the Show Photos Browser icon. Use the drop-down menu to locate your Holiday album in iPhoto. Drag the stills into the Project window.



4: Playback

Play the project. Each still has automatically been animated by the Ken Burns effect. This movement could clash with the Photo Album theme's animation.



5: Don't move!

Select all of the shots in the Project window. Click on a shot's gear icon and choose Cropping, Ken Burns & Rotation. Click Fit.



6: Add titles

Click on the Titles button and drag Photo Album onto the first shot. Drag the coloured bar to 2:15 to extend the opening title's animation.



7: Themed transitions

Click on the Transitions button. Drag the Photo Album 2 transition after the first shot in the Project window. This frames and animates the photos.



8: End credits

Drag-and-drop other Photo Album transitions between the remaining shots. To finish go to Themes and add Credits 1 to the final shot.



9: Edit text

To edit the text click on the green Theme bar in the Project window. Type something more suitable into the text fields and click Done.

Suitable size

The Medium export size produces a web-friendly video that's large enough to view on Facebook via your Safari browser and light enough to upload quickly

Right format

iMovie converts your edited footage into an MPEG-4 format movie file that Facebook's browser-based Video Uploader can recognise and encode with ease

Knowledge base

File size

Before uploading to Facebook you need to be aware of a few constraints, like the fact that your edited movie file can't be over twenty minutes in duration. It also needs to be under 1024MB (which isn't too much of a constraint as iMovie's capable of creating a relatively lightweight version of your film).

Throw a wobble

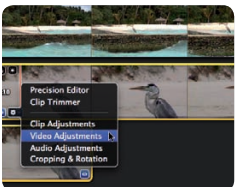
There's no point in sharing sub-standard footage with the world. Our zoomed-in shot wobbled due to the camera being buffeted by wind, but iMovie smoothed out all of the wobbles

Spruced up

Use the tone and colour tweaking tools in iMovie's Video Inspector to boost an under-exposed source clip's brightness and enhance its weak colours to make your footage look its best

Tutorial: Upload iMovie footage to Facebook

Take your videos to where your friends hang out in cyberspace and share your holiday memories



Task: Share your movies on Facebook

Difficulty: Beginner

Time needed: 10 minutes

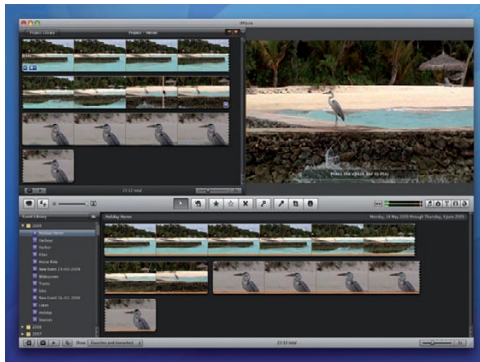


Since Facebook is currently the 'place to be', it makes sense to share your videos there to be seen by your closest online friends in a jiffy. An edited sequence of your holiday highlights will be much more interesting than a text-based description. You may already be uploading photos on Facebook via iPhoto's dedicated sharing option, but a well-edited video should draw more traffic and comments from your mates than a still image. iMovie '09 doesn't have a direct export link with Facebook, so we'll show you how to create Facebook-friendly movies in iMovie and export them via Facebook's web-based uploader.



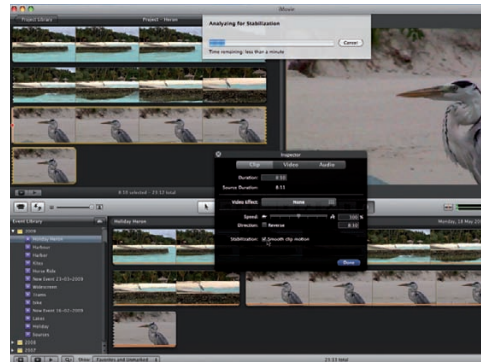


Step-by-step iMovie Edit videos and upload them to Facebook



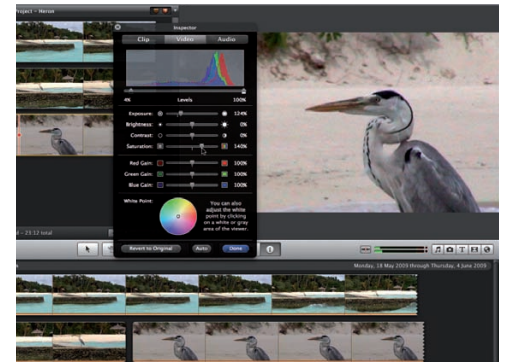
1: Import assets

Go to File>New Project. Create a project with a 16-9 aspect ratio. Use File>Import>Movies to import the Heron movies from the free CD.



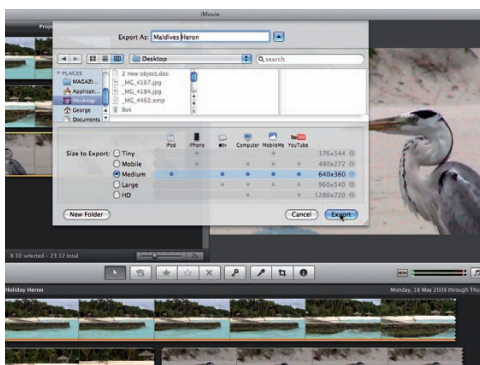
2: Stabilise wobbly clips

Add both clips to the project. Click on the shaky heron close-up and Click the Inspector icon. Now tick Stabilization and tick Done.



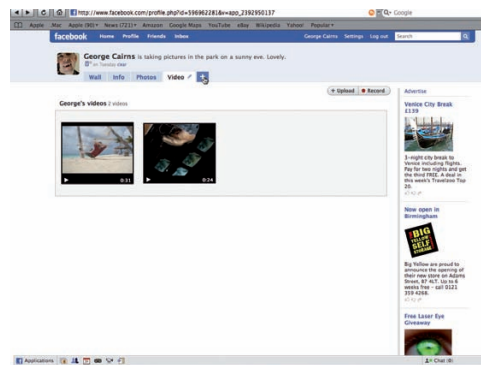
3: Tweak colour and tone

Open the Inspector again and click Video. Pop the Exposure up to 124% and boost Saturation to 140%. Now click Done.



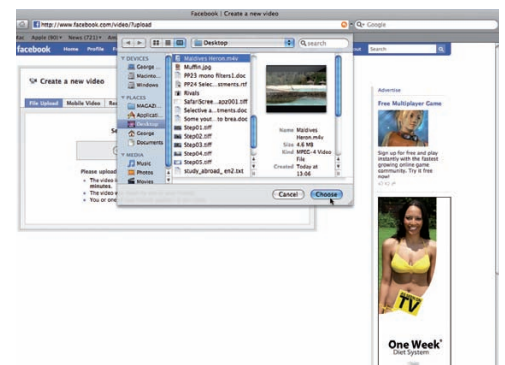
4: Select a size

Go to Share>Export Movie. Tick a bandwidth friendly size like Medium. Choose the Desktop as the first destination for your movie. Click Export.



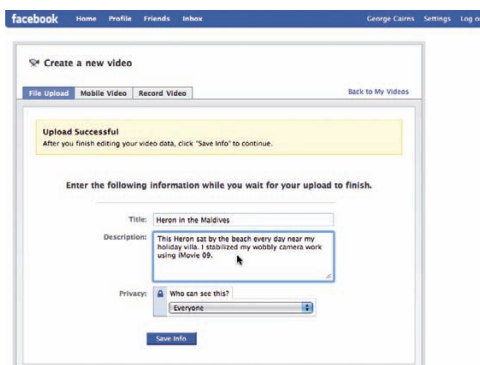
5: Log in

Now log into Facebook and go to your Profile page. If you don't have a Video tab simply click the 'v' icon to create one.



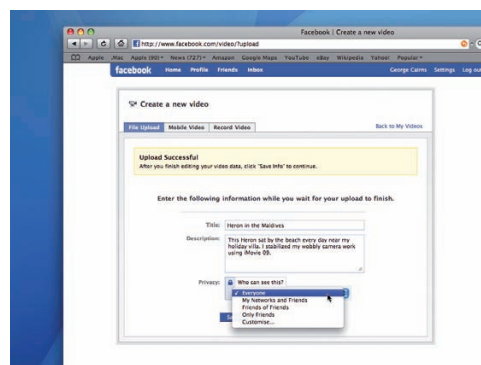
6: Select movie

Click on the Video tab's Upload button. On the following page click the Choose File button and browse to the edited movie on your desktop.



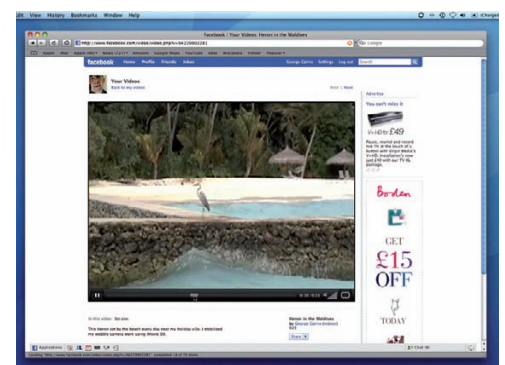
7: Add description

Introduce your movie by giving it a title and a brief description. This will make it easy to identify by passing visitors.



8: Set privacy

Use the File Upload pane's Privacy menu to decide who can view your video. Either make it available to everyone or select your immediate network.



9: Sit back and wait

The movie will be uploading while you add your description. Click Save Info to see the movie in the Facebook interface and wait for comments!

Tutorial: Apply a mono makeover in iMovie

Use iMovie's powerful colour and tone tweaking tools to create eye-catching and moody monochrome clips that have a wide range of shadows, midtones and highlights



Task: Create striking monochrome footage in iMovie

Difficulty: Expert

Time needed: 15 minutes



A monochrome conversion helps you bring out the shapes and patterns in your scene. It can also make clips shot on dull days look more dramatic, and you can even use iMovie to tint your monochrome shots to change the mood. A hint of sepia can add a romantic mood to a wedding video, for example. However, there's more to creating an effective monochrome image than simply desaturating your shot; you could end up with a bland wash of greyscale tones that have a flat contrast otherwise. By using iMovie's advanced image editing tools you can create more effective high contrast shots with truly black shadows and white highlights.



Step-by-step iMovie Perform a high contrast mono conversion



1: Import clips

Import the source files from the disc and place them in a New Project window. Click on the first clip and press 'i' to open the Inspector.



2: Desaturate

Click on the Video pane. Drag Saturation to 0%, push Exposure to 128% and set Contrast to 23% to emphasise the shape of the contrasting cable cars.



3: A wash out!

Click on the second washed-out shot and desaturate it. The brightest highlights look grey rather than white, creating a flat contrast.



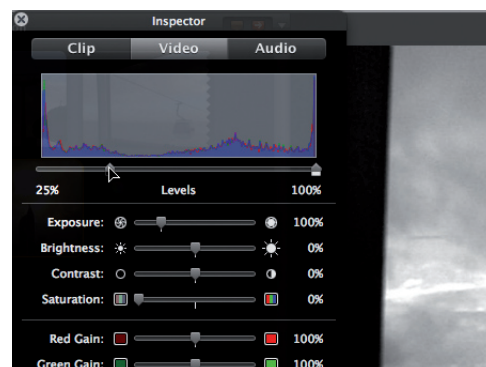
4: Boost highlights

In the Inspector drag the highlight Levels slider to 80%. This will brighten the highlights without altering the shadows.



5: Over exposed

Now desaturate the third clip. We can see from the histogram graph that there isn't much shadow information in the far left of the graph.



6: Darken the shadows

To make the over-exposed blacks look darker without messing with the correctly exposed highlights, drag the shadow Levels slider to 25%.



Create monochrome clips in iMovie

Use iMovie's tools to add a monochrome effect to your footage

● Lovely Levels

The Levels slider enable you to re-map a shot's original shadow and highlight levels to new values, creating blacker blacks and whiter whites. This is an effective way to fix over or under-exposed shots

● Shape and form

By brightening highlights and darkening shadows in your mono conversions you can emphasise the shapes of objects in your scene and create classy looking compositions

● Knowledge base

Helpful histograms

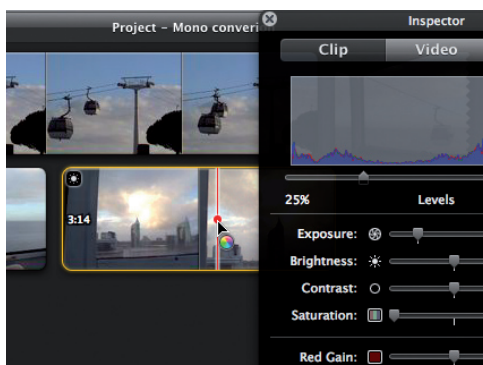
The Inspector's Video pane includes a histogram that helps you diagnose problems. The graph shows the spread of tones in the clip. Shadows appear at the left of the graph, midtones in the middle and highlights on the right. If the graph is clumped to the right of the histogram then this shows that it is over-exposed and lacks strong shadows, for example.

● Saturation

The Saturation slider can remove all the colour information from a shot, but you still need to tweak the tones to avoid a drab looking grey clip with flat contrast

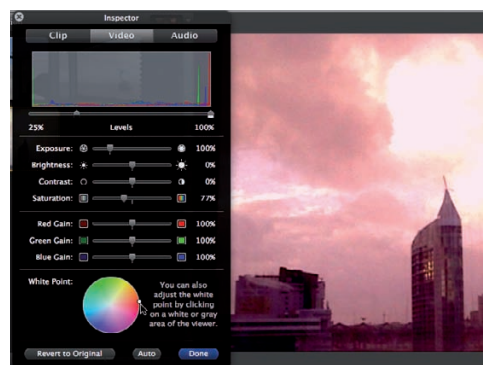
● White Point

The colour wheel provides an easy way to tint your shot. You can produce cold looking tints by dragging the White Point into the blue, or stunning sunsets by using the orange section



7: Preview the changes

As you tweak the tones it's worth scrubbing through the clip to see how the changes will alter each part of the shot.



8: Terrific tints

To bathe the third clip in a golden glow pop Saturation up to 77%. Drag the White Point slider into the orange/red section of the colour wheel.

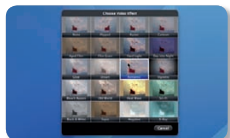


9: Mood music

Add 'Indulge.caf' from the Jingles folder to the project. Use the Audio pane to drop the music level when the girl speaks in clip 2.

Tutorial: Create a holiday montage in iMovie

Use titles, transitions, video effects and professional editing techniques to present your holiday highlights in a slick montage sequence using iMovie



Task: Combine transitions and video effects

Difficulty: Intermediate

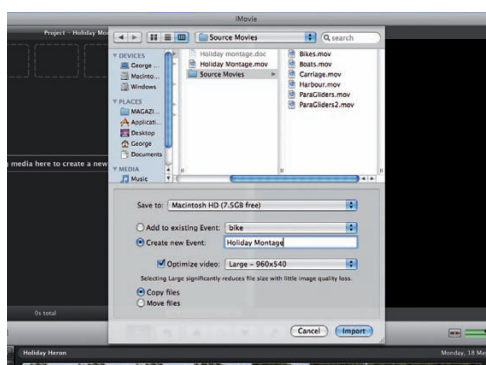
Time needed: 15 minutes



Attention spans are shorter these days thanks to the digital distractions of multiple TV stations and the internet, so no one can concentrate on hours of holiday footage any more. Instead, why not give friends a flavour of your holiday by cutting various scenes and locations together in an easy-to-watch montage? iMovie is packed full of video effects and transitions to help you create a professional-looking sequence. If you simply slap effects onto the footage at random then things can look cheesy, but we'll show you how to get titles, transitions and video effects to complement each other to evoke the feeling of travelling to exotic holiday destinations.

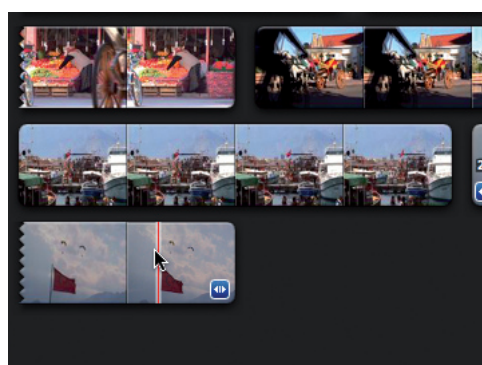


Step-by-step iMovie Create a holiday montage sequence



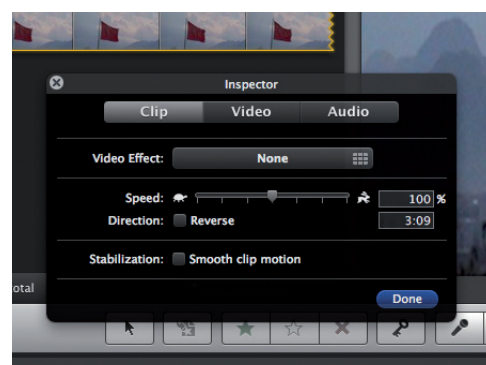
1: Import assets

In a new project choose File>Import>Movies. Browse to the CD source files and import the clips into a new event called Holiday Montage.



2: Add clips

Drag the clips from the Event viewer into the Project window, but pop the close-up of the paragliders at the end of the sequence.



3: Select and inspect

Click on a clip in the Project window and choose Edit>Select All. A yellow border will surround each clip. Click the Inspector icon.



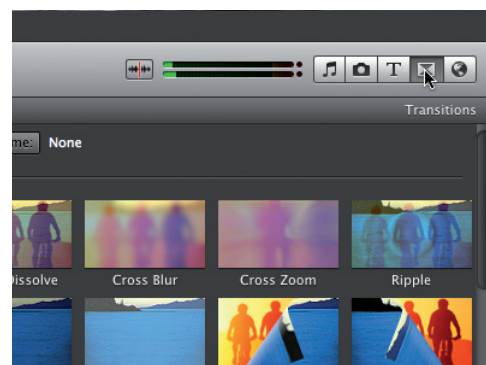
4: Hazy edges

Click on the Video Effects button and choose the Romantic preset. This adds a soft, gently blurring vignette to the edges of all the clips.



5: Adjust colour

Click the Inspector's Video button and push Saturation up to 150% to enhance your colourful holiday locations. Click Done.




6: Add transitions

Our clips now have a unified look. To link them together more effectively let's add transitions. Click on the Transitions browser icon.



Create a slick holiday montage in iMovie

Use iMovie's professional editing techniques to create a montage



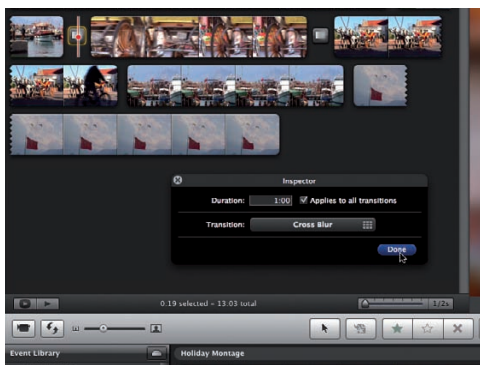
Title
Our Pull Focus title helps maintain the hazy holiday memory theme caused by the other blurry effects and transitions, by blurring the footage as the caption appears

Blurred edge
The Romantic Video effect produces a soft blurred vignette that blows out the edge highlights. This is great for suggesting the sensation of happy holiday memories

Knowledge base
Match moves
Your holiday montage may contain clips of various subjects, so it could look a bit disjointed. To link the separate shots together look for subjects that move in the same direction. Watch 'Montage.mov' on the CD. We dissolve from a man to a carriage, then cut to bikes and a boat that are moving from left to right.

Special effects
The Inspector's Clip section gives you access to many exciting post-production video effects that you can use to enhance your montage clips. Scrub across an effect's thumbnail to preview it in action

Blurred vision
To give the sequence a coherent look we use effects that involve blurring the image. This transition blurs the adjacent shots and mixes them so that they melt into each other



7: Link two shots

Drag Cross Blur between the second and third clip. The man passing from left to right 'morphs' into the carriage in the next shot.



8: Cross Zoom

Pop a Cross Zoom transition before the last clip. Use the Inspector to extend its Duration to 1.00. This adds an explosion of colour.



9: Add titles

Go to the Titles browser and add Pull Focus to the first clip. The title's Blur effect matches the blurred transitions and the soft edge effects.

Tutorial: Use cutaways and inserts in iMovie

Discover how to shoot cutaway clips that will enhance your edited programme and use iMovie's advanced editing tools to make your video sequence flow more smoothly



Task: Shoot and insert cutaway clips

Difficulty: Expert

Time needed: 20 minutes



Attention spans are much shorter these days, so no-one wants to watch your footage unfold in real time. By cutting a rambling interview into short concise clips you can tell a story in seconds instead of minutes and make the subject sound more fluent and confident.

When you chop up an interview the footage will contain jarring jump cuts. In the following walkthrough we'll show you how to hide these jump cuts by pasting cutaways clips over the joins. As well as seamlessly linking two shots together, cutaway shots also help to illustrate what your interviewee is talking about. iMovie '09 enables you to add cutaways to your project with ease. We'll show you how to reduce the volume of these extra clips so that they don't drown out the interview.



Step-by-step iMovie Enhance your projects with cutaways and inserts



1: Telling tales

Interview a friend about what they're planning to do (like going for a dive for example). Keep the camcorder close to their face to capture decent sound.



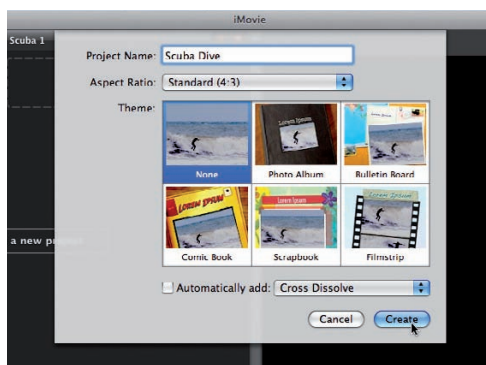
2: Capture cutaways

Record the day's events using different camera angles and shot sizes. These cutaway style clips can be used to illustrate some of the points made.



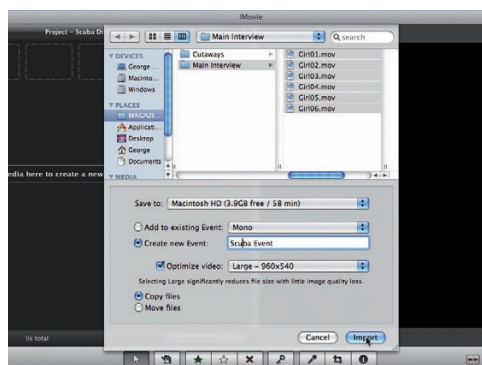
3: Be disciplined

When shooting a cutaway hold the camera steady. Don't 'hosepipe' the camera around aimlessly or it'll be hard to insert the footage into the programme.



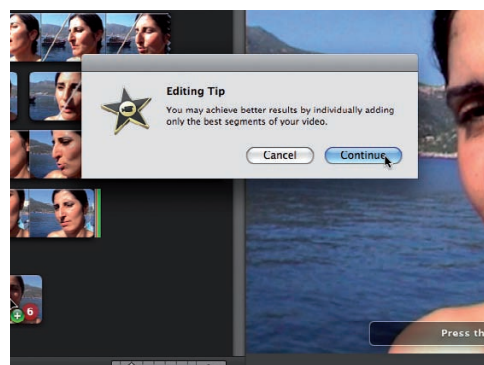
4: Create new project

In iMovie go to File>New Project. Name the project Scuba Dive. Set Aspect Ratio to Standard (4:3). Set Theme to None and click Create.



5: Import interview

Go to File>Import Movies. Browse to the Main Interview folder on the CD and select 'Girl01.mov' to 'Girl06.mov'. Tick Copy Files and click Import.



6: Add clips

Click in the Event browser and choose Edit>Select All. Clips will be highlighted by a yellow border. Drag the clips to the Project window. Click Continue.

Create clever cutaways in iMovie

Link multiple clips together by adding cutaways and inserts

Talking heads

The main body of our video consists of an interview. This features multiple cuts of a girl talking about the process of preparing her scuba gear before a dive

Bridge the gap

To hide the jump cut from one part of the interview to another use a cutaway. This adds extra footage to illustrate the interviewee's comments and disguises any edits in the dialogue

Insert

The Insert command automatically splits a clip and shoves the two sections aside to make space for your new footage. This lets you cut quickly from the interview to another scene, then back to the interview

Drag and drop

To add a cutaway shot to your production simply drag it from the Event browser onto the relevant clip. You can then choose the Cutaway option from the pop-up command window

Knowledge base

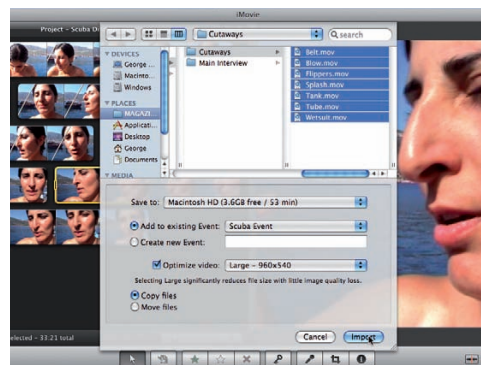
Quality control

The acronym GIGO (Garbage In, Garbage Out) certainly applies to video making. If your shots are out of focus and the exposure is incorrect then the edited video won't look too good. To shoot our diving footage we popped the camera on Full Auto. This enabled us to concentrate on capturing the action without worrying about whether the exposure of focus settings were correct.



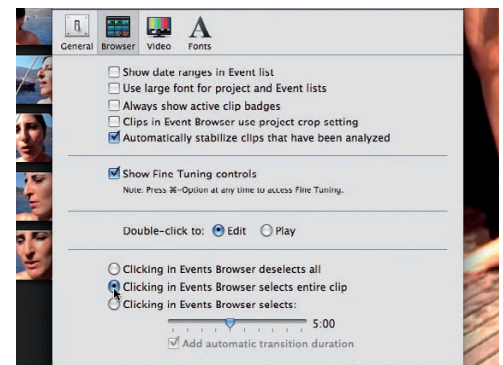
7: Play sequence

These clips are the highlights of an interview. Play the sequence and the audio flows smoothly but the similar-looking image jumps jarringly on each cut.



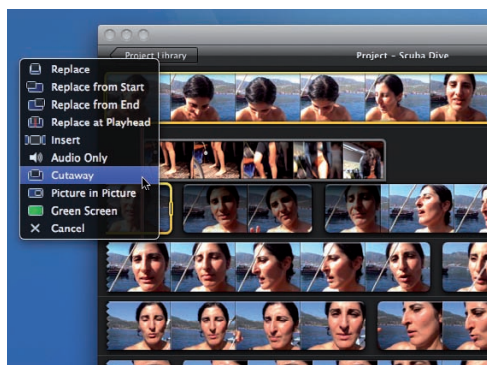
8: Import cutaways

To hide the jarring cuts we need some cutaway shots. Go to File>Import Movies and add the contents of the Cutaways folder to the Scuba Event. Click Import.



9: Adjust preferences

iMovie selects a four-second chunk of footage when you click it. Go to iMovie>Preferences. Click Browser. Choose 'Clicking in Events Browser selects entire clip'.



10: Add first cutaway

Drag the first cutaway from the Event browser to the Project window. Place it near the end of clip one. Choose Cutaway from the pop-up menu.



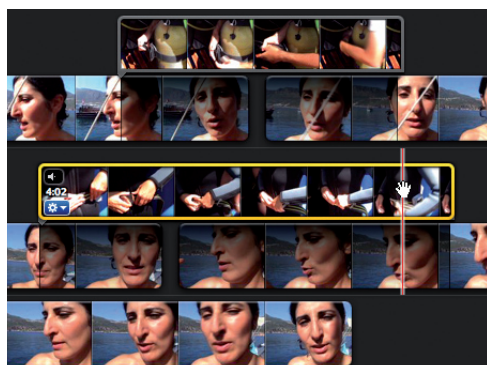
11: Clashing sounds

The cutaway clip hides the jarring jump cuts between the first three interview shots, but its audio clashes with the interview's sound. Double-click on the cutaway.



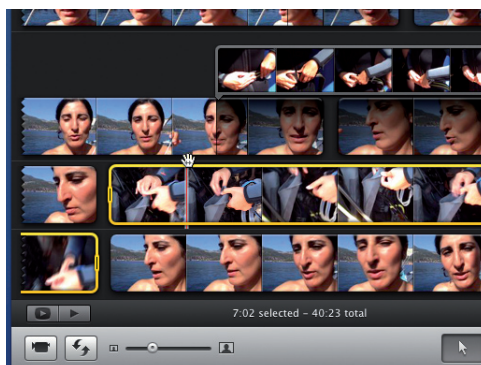
12: Adjust audio

Click Audio and slide the Volume of the cutaway clip down to 12%. Click Done. Now you can hear the interviewee talking clearly. Click Done.



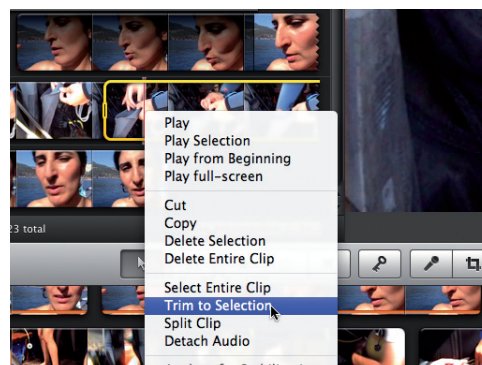
13: Add other cutaways

Use the oxygen tube cutaway to hide the cut between clips three and four. Use the shot of the lead weight belt to bridge the cut between clips four and five.



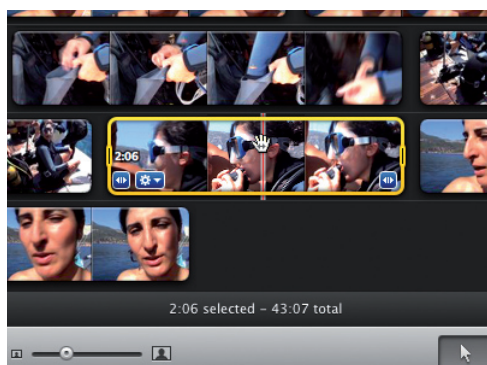
14: Take a break

Create a short break by dragging the flipper cutaway between shots five and six. Leave the cutaway's Audio on 100% as it contains additional dialogue.



15: Trim clip

Click the flipper clip to select it. Drag the yellow selection bar right until just before the girl speaks. Control-click and choose Trim To Selection.



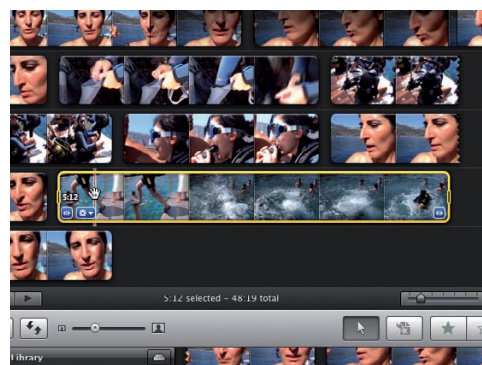
16: Cut a long story short

Summarise the lengthy process of getting kitted up to dive by adding the next two cutaways in the Event Library to the sequence in the Project window.



17: Insert edit

Place the final cutaway where the girl says "jump in the water". Choose Insert. This splits the clip and inserts the footage of her jumping (instead of overlaying it).

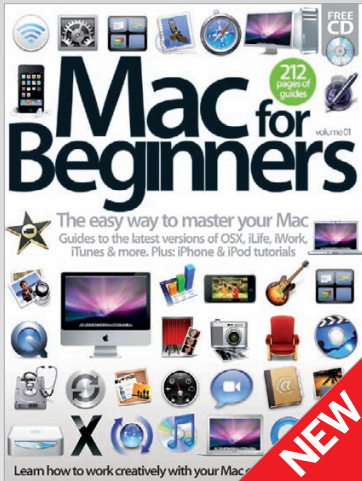


18: Playback time

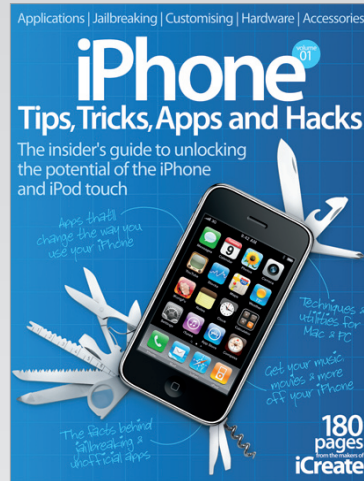
Play the edited sequence. All the jarring jump cuts between the interview clips have been hidden by the cutaway shots of the girl getting ready to jump.

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The world's best iPhone and iPod touch apps are reviewed here including the very best for iPhone 3GS, with every App Store category featured inside.
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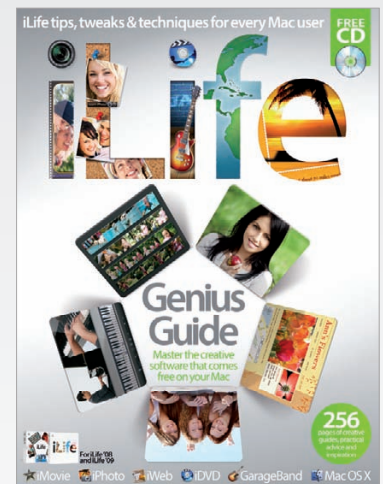
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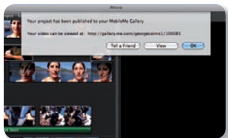
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Tutorial: Share your polished iMovie project

Polish up your iMovie production by adding themed graphics and music, then share it online for the world to see



Task: Enhance your edited footage by using themed titles and transitions

Difficulty: Intermediate

Time needed: 10 minutes

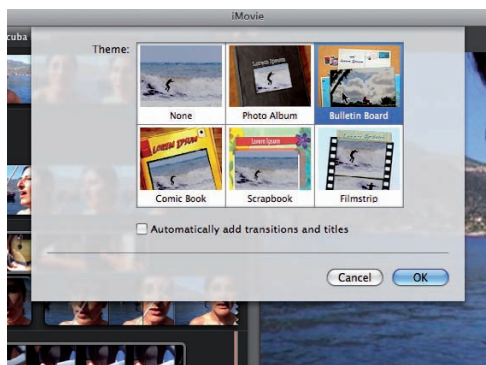


In the other iMovie '09 walkthrough this issue we demonstrate how clips of various diving-related events can be used to link a series of interview shots together. This combination of 'talking head' footage and illustrative cutaways produces a visually stimulating and smooth-running sequence.

Once you've edited your footage it may still feel incomplete due to the absence of music and titles. iMovie '09's Titles browser enables you to 'ice your cake' by adding slickly animated graphics to your edited programme. By using captions you can introduce people in the video and explain any jargon that's used by your interviewee. iMovie's sophisticated post-production tools enable you to produce a more professional-looking video.

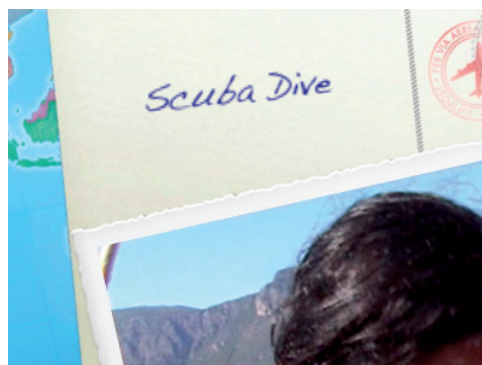


Step-by-step iMovie Enhance your edit with music and themed graphics



1: Choose a theme

Once you've edited your footage click the Titles browser. Click Set Theme and choose Bulletin Board. Untick 'Automatically add transitions and titles'.



2: Opening title

Drag the Bulletin Board title over the first shot to introduce the interviewee using a colourful and themed animated graphic.



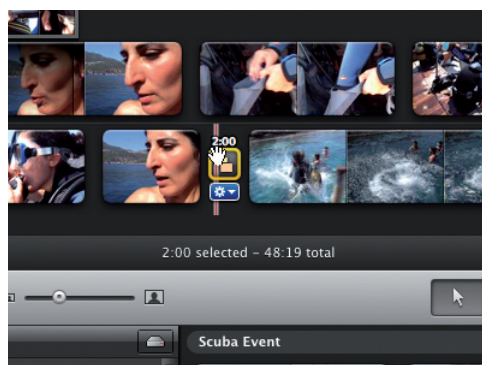
3: Add caption

Drag the Lower Third 1 caption to the first clip in the Edit Project window. Slide the caption so it starts a few seconds in. Type a name in the main viewer.



4: Jargon buster

Our subject uses the diving term 'BC'. Drag Lower Third 2 onto the Edit Project window and type in Buoyancy Compensator to explain the jargon.



5: Add transition

Click on the Transitions browser to access similarly themed transition effects. Drag Bulletin Board 2 before the shot of her jumping into the sea.



6: Delicious dissolve

You may be tempted to pack your footage with complex themed transitions, but less is more. Use a simple cross dissolve to return to the girl at the end.



Enhance and share your video production

Embellish your edited footage with slick animated captions and transitions

Broadcast

iMovie is an amazing one-stop-shop that lets you edit and share your footage with ease. Here we can see that our production has been uploaded to a MobileMe gallery for all to see

Knowledge base

Publication list

If you're unsure which of your edited movies are languishing unwatched on your hard drive and which are now showing in your MobileMe go to the Project Library. A list of projects will appear. Published projects will feature a little icon next to their filmstrip thumbnail. You can also see if you need to re-publish any updated projects from here.

Graphics

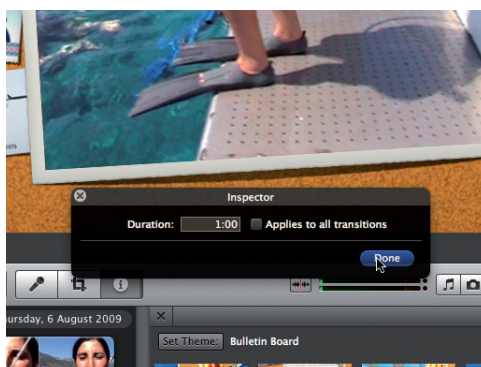
Each iMovie theme comes packed with a collection of animated titles and transitions so you can give your production a coherent look. We used the colourful Bulletin Board theme

Duration

Fine-tune your themed captions with ease. Drag the start point of a graphic to change its duration. Drag within a caption bar to change the point where it starts within the programme

Music

Dropping a little burst of music into the sequence adds variety and helps things flow along. Try avoiding wall-to-wall music as this adds a flat bland texture to your production



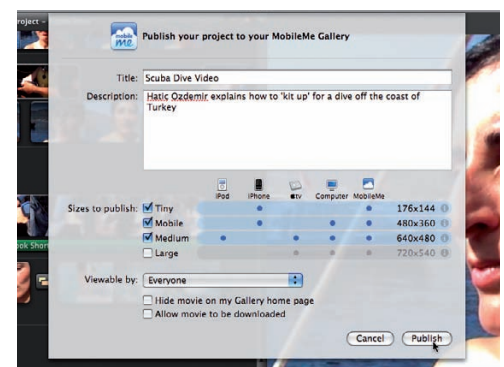
7: Fine-tuning

Fine-tune the length of your caption bars in the Edit Project window by dragging the start or end points, or double-click to type in a new duration.



8: Music montage

Three shots near the end don't feature the girl's main narration. Place a track from the Music browser over these clips to link them together.

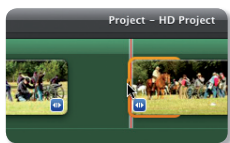


9: Share our programme

Go to Share>MobileMe Gallery. Click Publish and iMovie will upload bandwidth-friendly versions of your film for friends and family to enjoy.

Tutorial: Edit HD footage in iMovie

Import and edit footage captured by High Definition camcorders and produce a programme with high-quality production values



Task: Import and edit HD footage in iMovie

Difficulty: Intermediate

Time needed: 15 minutes



Now that HD camcorders are becoming more affordable, iMovie '09 is designed to capture, edit and export footage with HD resolution. To walk you through the HD editing process we've popped some HD footage on the CD. Our explosive American Civil War action was shot on a Canon 500D SLR (which cost around £600) that captures HD clips at an iMovie-compatible 1280 x 720. Of course, your clips don't have to be shot on such a pricey bit of kit, any HD footage will work with the steps we're about to explain.

We'll show you how to import HD footage and demonstrate various ways to trim and cut the clips to create a tightly edited sequence that's free from wobbly camera work. So let the battle commence!

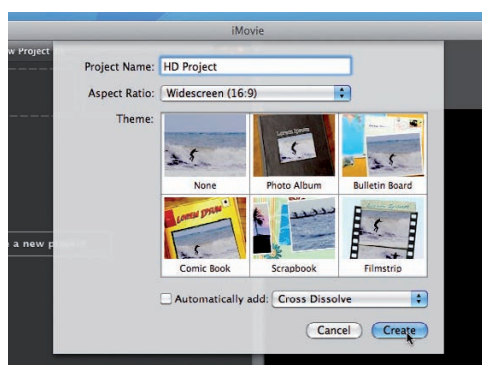


Step-by-step iMovie Shoot, edit and capture HD footage



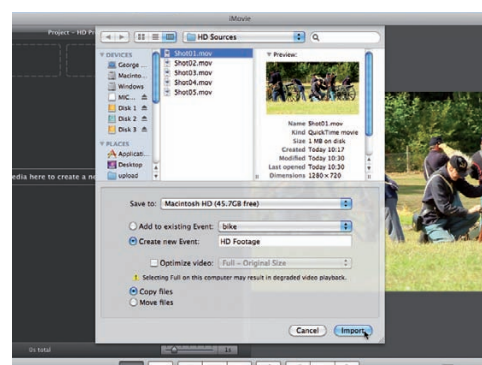
1: Action!

By shooting with a telephoto lens we can zoom in on distant action. A tripod can help avoid camera shake to capture a pin-sharp HD picture.



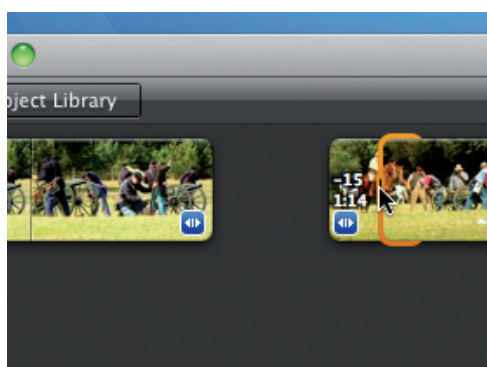
2: Create new project

HD footage is in widescreen format, so go to File>New Project. Create a project with an Aspect Ratio of 16 x 9. Now click Create.



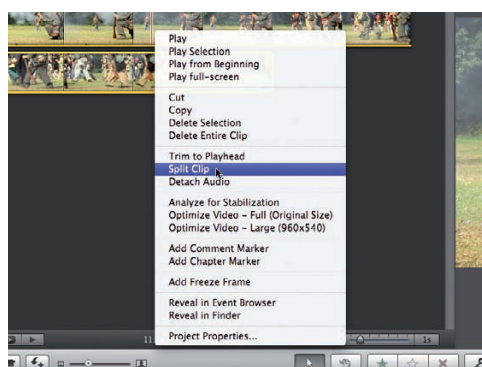
3: Import assets

Go to File>Import>Movies. Browse to the HD Sources folder on the disc and select the clips. Create a New Event called HD footage. Click Import.



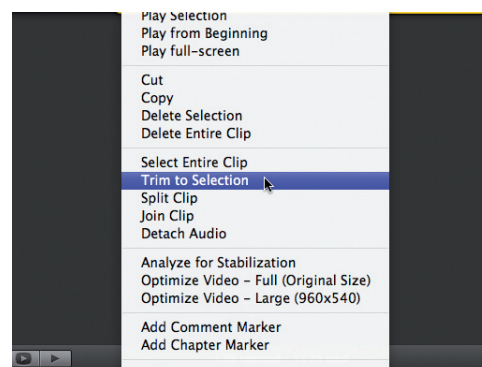
4: Quick trim

Drag the first two clips into the Project window. Click on the second clip's Trim icon. Drag the trim handle right to make the canon fire immediately.



5: Let's split

Drag the third clip into the Project window. Scrub forward until just before the camera zooms out. Control-click and choose Split Clip.



6: Trim to selection

Drag the split clip's yellow selection handle to the right to trim away the wobbly camera move. Control-click and choose Trim To Selection.



Use iMovie to edit HD footage

Produce high-quality movies with HD in iMovie

Fine tune

The orange quick trim handle enables you to fine tune a clip's start or end point by lopping off up to one second of footage

Trimming

Each clip's yellow selection box has handles that enable you to choose which bits to keep and which bits to ditch

Knowledge base

HD resolution

Standard TV screens have a resolution of 768 x 576 pixels. That's 768 pixels wide by 576 pixels high. There are two different HD sizes: 1920 x 1080 and a smaller 1280 x 720. Both produce a larger image than the standard definition. The clips we use in this tutorial are shot at 1280 x 720.

Quality

HD footage boasts a larger resolution than standard definition (SD) clips. It also packs in a wider range of tones and much richer colours

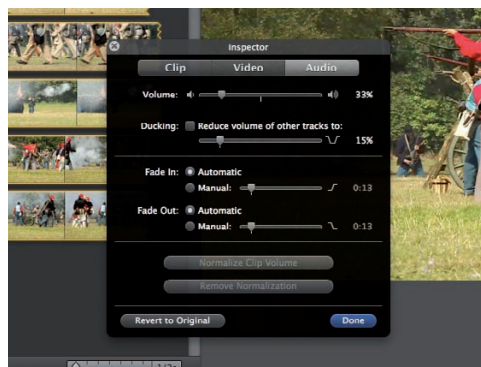
Ins and outs

Because we trim and split our HD source clips, not all of the raw footage makes it into the final cut. The orange lines indicated which bits are used in the edit



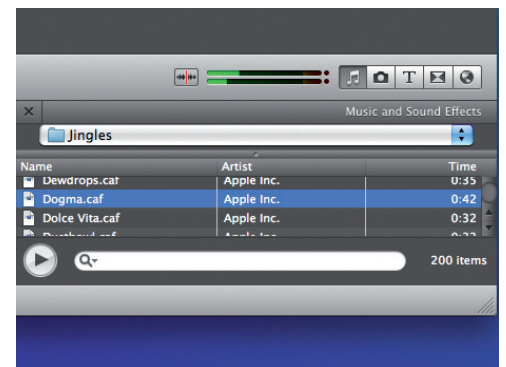
7: Add last clips

Add the Event Browser's final clip to the Project. Trim the start so that the troops fire quickly. Add the penultimate clip so that the enemy return fire.



8: Sound advice

To reduce the distracting loudspeaker narration go to Edit>Select All. Press 'i' to open the Inspector and click on Audio. Drag the Volume to 33%.

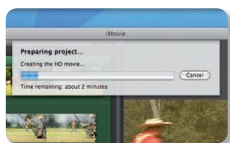


9: Music

Add an audio track from the Music browser. This will be loud enough to drown out the loudspeaker voice, but leave the weapon fire audible.

Tutorial: Grade your HD footage in iMovie

Give your edited movie a movie-style makeover by creatively tweaking its colours and tones in iMovie



Task: Grade your HD video footage

Difficulty: Intermediate

Time needed: 10 minutes

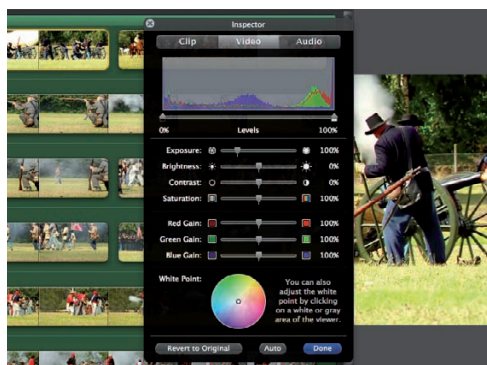


Thanks to the superb quality of HD footage, many TV drama makers are ditching the more expensive analogue film format for digital video. HD's rich tones and vibrant colours give that footage a different feel to the softer grainier look produced by some film stocks. HD's higher frame rate (30fps) produces a smoother look compared to film's flickering 24 frames per second.

To make HD video look more like film, the edited footage tends to go through a grading process. This involves digitally tweaking colour and tone to change the mood or style of the footage. We'll show you some of the grading options iMovie has to offer so you can creatively enhance the look of your edited HD movie.

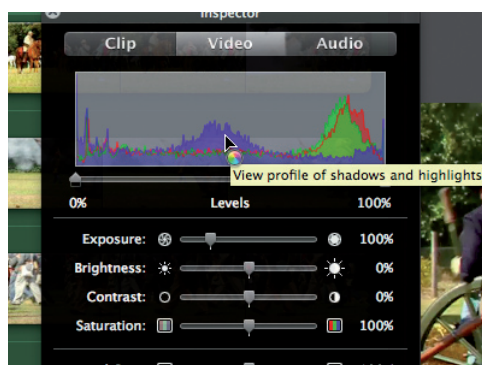


Step-by-step iMovie Grade HD footage to change the look of your programme



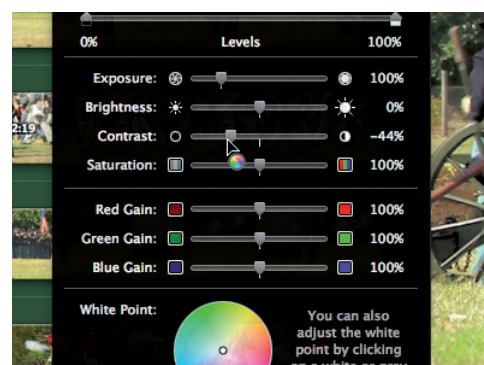
1: Open Inspector

After you've edited the HD clips together (see previous page) double-click on the first clip to open the Inspector. Click on the Video pane.



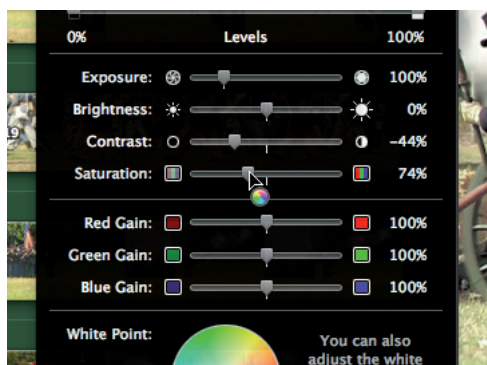
2: Analyse histogram

The histogram graph stretches from the darkest shadows on the left to the brightest highlights on the right, indicating a wide range of tones.



3: Adjust contrast

By dragging Contrast to -44% you can wash out the blacks and make them less harsh. This also reveals more detail in the initially dark shadows.



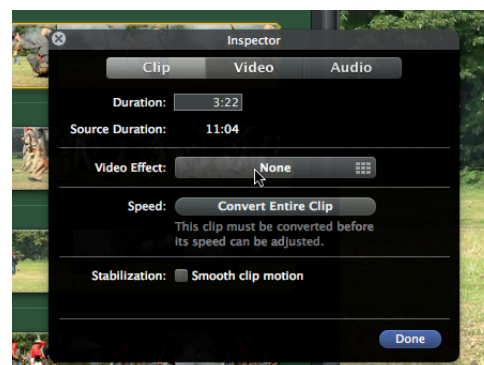
4: Desaturate

To make the vibrant HD sourced colours look more like retro film footage, drag the Saturation slider to 74%. This creates a more natural colour palette.



5: Retro tint

To make the colour suit the retro subject matter drag the White Point control into a warmer area. This emulates the sepia tint in old photos.



6: Video effects

To give your shots a faster film-style makeover, double-click another HD clip to open the Inspector. In the Clip pane click on the Video Effect option.



Grade HD footage in iMovie

Tweak your clip's colours to emulate different movie styles

Graded

Our HD footage's shadows have been lightened to reveal more detail. The colour temperature has been warmed up to create a subtle retro sepia effect

Get scrubbing

It's important to see how a Video Effect adjusts different parts of a shot before applying it. Simply scrub the cursor over the effect's thumbnail to see it alter the entire clip

One-click fix

The Choose Video Effect pane lets you grade your shot's colours and tones in a click. However, it won't let you fine-tune properties like the amount of grain or the strength of contrast changes

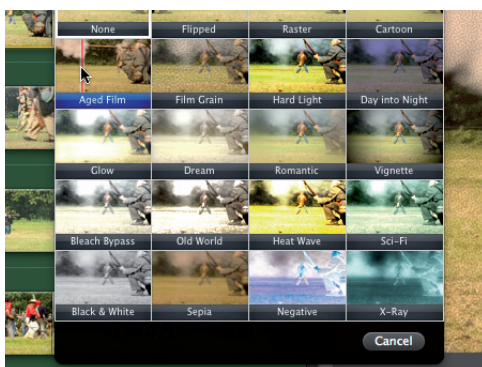
In control

The Video Inspector lets you make colour and tonal changes manually so that you can creatively grade your HD footage to change its look and mood

Knowledge base

Helpful histograms

Histograms (like the one in the Inspector's Video pane) will give you a clear picture of a clip's tonal range. You can tell if the footage is under-exposed when the histogram graph fails to stretch to the far right, for example. You can tweak the shot's exposure or contrast until you have a healthier looking graph that spreads across the entire width of the histogram.



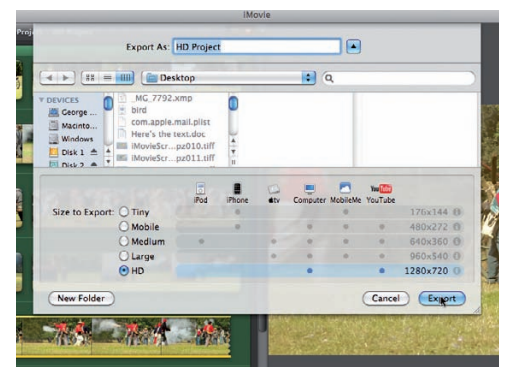
7: Aged film effect

By clicking on Aged Film you can wash out the shadows, add film grain, tint the shot sepia and add film-style scratches to your digital footage.



8: Go with the grain

If you want to warm up the shot and add film stock style grain without the retro scratches then click on Film Grain. Click Done to apply the effect.



9: Export

When you've graded your HD movie go to Share > Export Movie. Tick the HD option to make a file with the same dimensions as your imported source files.

Tutorial: Flip your footage in iMovie

Make the action in your clips flow in the same direction by making use of iMovie's Video Effects pane



Task: Flip footage so that your subject moves in the same direction

Difficulty: Intermediate

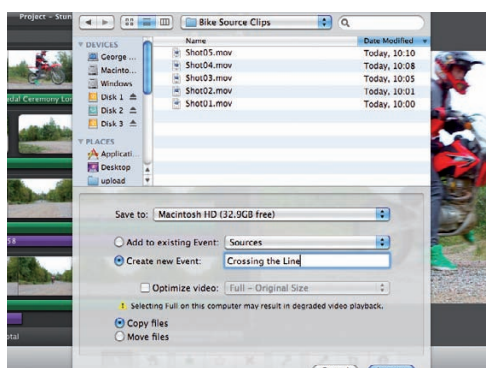
Time needed: 15 minutes



When we watch a video sequence we're able to forget that each shot was filmed separately as the action appears to happen in real time. When a motorbike moves past the camera from left to right we expect it to be moving in the same direction in the following shot. However if the camera 'crosses the line' and films the bike from the opposite side to the original camera position then the bike will be travelling from right to left. The two shots won't cut together in a coherent way, as the bike appears to be moving in opposite directions. We can fix this problem easily in iMovie so that the bike is travelling in the same direction in both shots. Simply follow the nine steps below to find out how.

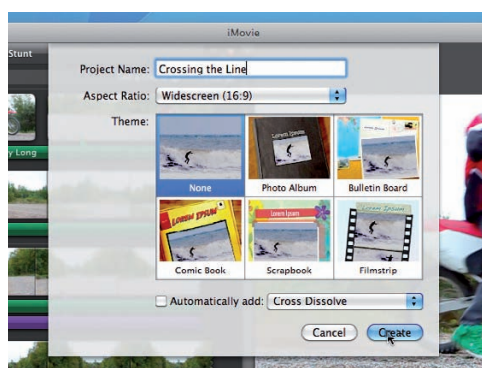


Step-by-step iMovie Flip footage to make vehicles move in the same direction



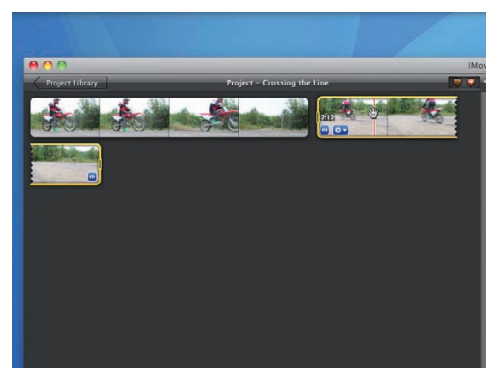
1: Import clips

Create a new 16:9 project and choose File>Import>Movies. Browse to the 'Bike Source Clips' folder on the CD and add the footage to a new event.



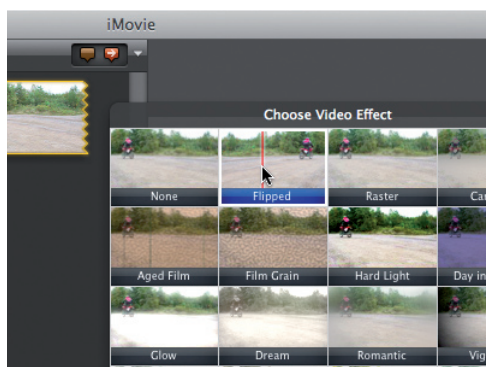
2: Create new project

Choose File>New Project and call it 'Crossing the line'. Select the first clip in the Event browser and drag it into the Project window.



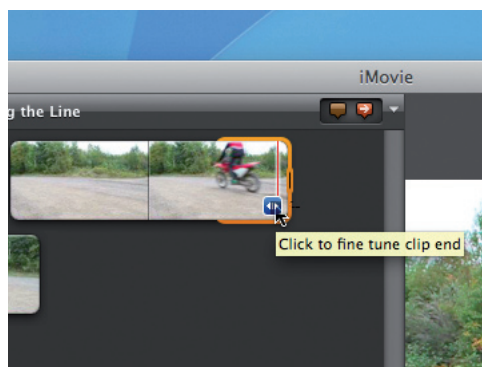
3: Crossing the line

Drag the second clip into the Project window. Play the sequence. The bike in the first shot travels left to right. In the second shot it's moving right to left.



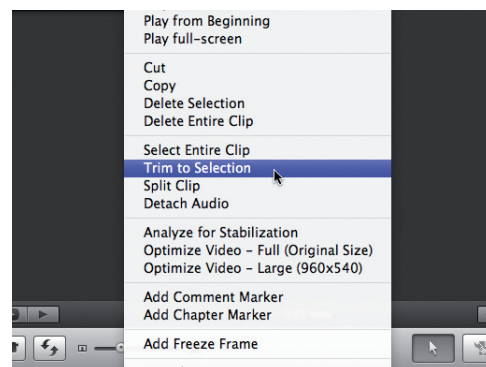
4: Flip it

To make the bike in shot 02 move in the correct direction double-click on the clip to open the Inspector. Click Video Effect and choose Flipped.



5: Fine tune end

Click on the Fine Tune icon at the end of shot 02 and trim the clip so it ends just as the bike exits the frame. Add shot 03 to the sequence.



6: Quick trim

Drag the yellow selection box over clip 03 until the bike leaves the frame. Control-click on the clip and choose Trim To Selection.



Use iMovie's effects to flip footage

Make your subject move in the right direction

Wrong way

In most shots the bike travels from left to right. Occasionally it's going from right to left which makes it difficult to cut the separate shots together into a smooth flowing sequence

Context sensitive menu

Once you've defined the section of footage that you want to keep right-click inside the yellow selection box. You can then edit the selection using relevant menu items

- Play full-screen
- Cut
- Copy
- Delete Selection
- Delete Entire Clip
- Select Entire Clip
- Trim to Selection
- Split Clip
- Detach Audio
- Analyze for Stabilization
- Optimize Video - Full (Original Size)
- Optimize Video - Large (960x540)
- Add Comment Marker
- Add Chapter Marker
- Add Freeze Frame
- Reveal in Event Browser
- Reveal in Finder
- Project Properties...

Knowledge base

Crossing the line

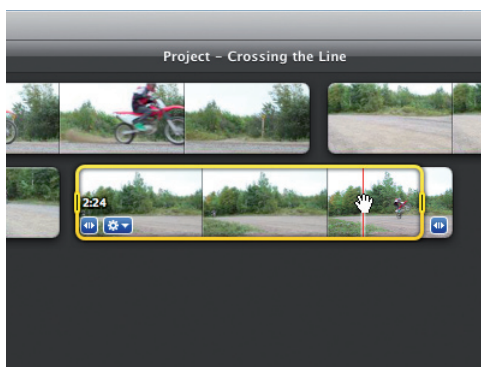
When filming imagine there's a dividing line between you and the subject. You can move the camera anywhere on your side of the line you like as long as you don't walk across it. This will keep the action moving in a consistent direction in each separate shot (unlike the bike's movement in our unedited footage).

Fine tune

To create a more tightly edited sequence click here. You can then drag the orange handle to fine-tune the clip's start or end point by a few frames

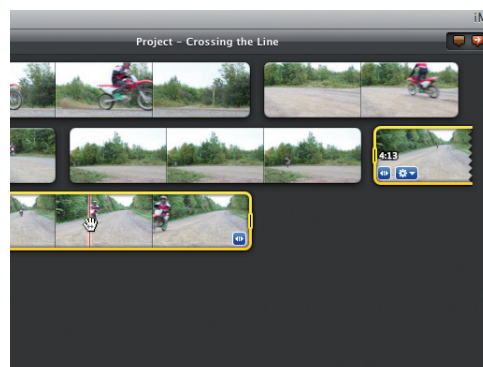
Horizontal flip

By using the Inspector's Video Effects pane we can flip problem clips horizontally so the bike is moving in the same direction in each shot



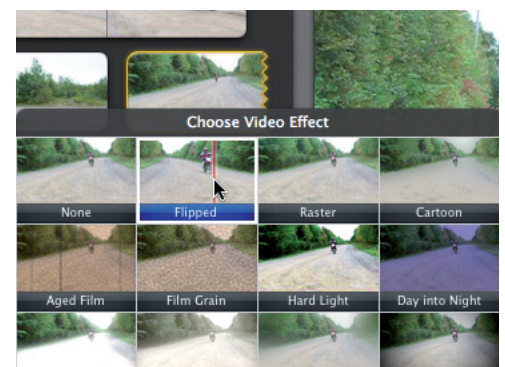
7: Pull a wheelie!

Use the yellow selection box to add the bit in shot 05 where the biker pulls a wheelie as he passes the camera left to right.



8: Wrong direction

Pop shot 04 at the end of the sequence. The rider has crossed the line again and is moving right to left. We'll need to flip him in the right direction.



9: Flip it again

Double-click on the last clip in the sequence to open the Inspector and apply the Flipped video effect. The bike now travels from left to right.

Tutorial: Combine footage in iMovie

Unite low-resolution iPhone clips with HD footage in the same project to add variety and texture to your movie



Task: Combine iPhone and HD footage

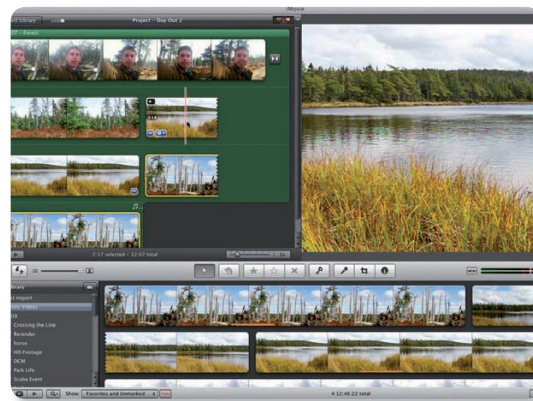
Difficulty: Intermediate

Time needed: 15 minutes

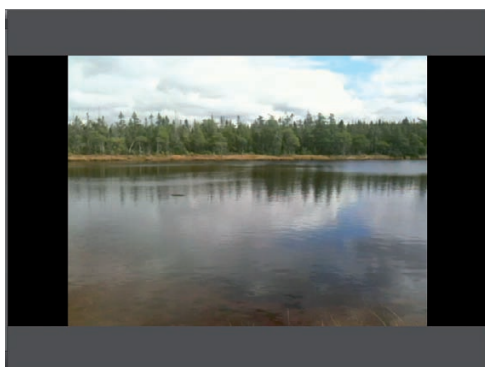


It's easy to capture everyday events thanks to our ever-handy iPhone 3GS's video recording capabilities. And, along with your iPhone, you may be enjoying a day trip with a friend or family member who has an HD camera to capture some higher-resolution footage. Having two video cameras on location enables you to capture many more events on camera and from different viewpoints.

iMovie is geared up to let you combine footage from different sources so that you can produce a detailed documentary of your day out, regardless of where the footage came from. The lower resolution iPhone footage helps add a documentary style 'fly on the wall' feel to your film. Follow the steps below to learn how you can combine your footage.

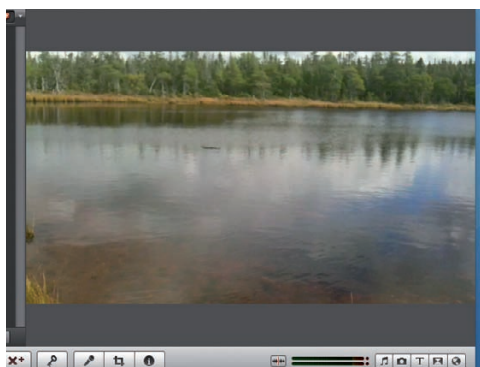


Step-by-step iMovie Combine HD and iPhone 3GS footage in one project



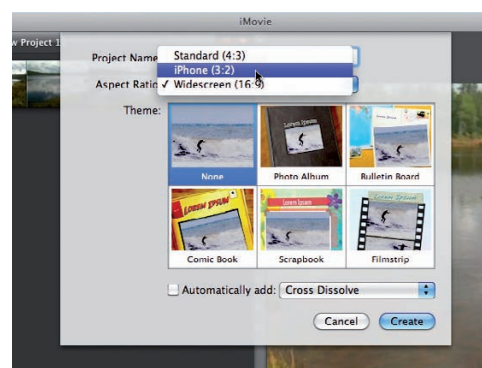
1: iPhone versus HD

Widescreen HD clips measure 1280 x 720 pixels. If you pop a 640 x 480 iPhone clip into a 16:9 widescreen project it will have black bars each side.



2: Fuzzy footage

To make iPhone clips fill the widescreen frame iMovie needs to zoom in and crop them. This can make low resolution footage look even fuzzier.



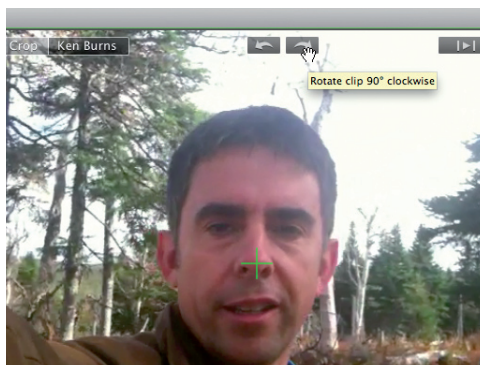
3: Standard resolution

To avoid black bars and quality loss go to File>New Project and choose a Standard 4:3 Aspect Ratio. Now all footage will fill the frame.



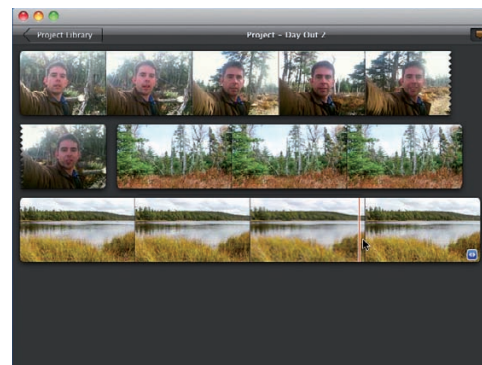
4: Upside down

Import the clips from the Combined Sources folder. Add the iPhone-sourced Shot 01. Click the Gear icon and choose Cropping & Rotation.



5: Rotate

Click twice on the 'Rotate clip 90° clockwise' icon to turn the shot the right way up. This is a handy tool as it's easy to record iPhone footage upside down.



6: Add HD clips

Drop a couple of scenic HD clips into the Project window. These widescreen shots become cropped but don't lose any image quality.



Amalgamate footage in iMovie

Use both iPhone and HD footage in your projects

Aspect Ratio
By dropping HD and iPhone footage into a standard 4:3 project you remove the need to zoom and crop the iPhone footage to avoid 'pillar boxing'

Picture quality
iPhone footage lacks the wide range of tones boasted by HD. Tweak Contrast and Levels to make the iPhone clip's shadows look blacker

Knowledge base
Pillar boxing
When you view a widescreen 16:9 film on a 4:3 shaped TV the movie has black bars at the top and bottom of the frame. This is letter boxing. When you view a 4:3 shaped iPhone movie in a widescreen project the bars are at the side. This is pillar boxing. We can avoid both types of black bar using iMovie.

Boost sound
The iPhone's built-in microphone can often benefit from a boost to make on-location narration easier to hear

Ambient sound
Use ambient sound from the iLife library to add high quality sound that links each shot together more effectively



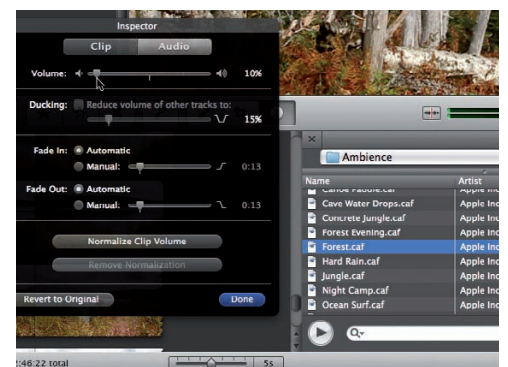
7: Adjust contrast

To make the iPhone clip look less washed out go to the Inspector's Video pane. Drag Contrast up to 32% and set the shadow Levels to 3%.



8: All quiet

There's lots of wind noise on the Lake HD clip. Reduce it by going to the Inspector's Audio pane and dragging Volume down to 0%.



9: Ambient sound

The HD clips lack audio. Go to the Ambience folder and drag Forest onto the Project window for more suitable sound. Reduce its Volume.

Tutorial: Create a mellow mood with iMovie

Use iMovie's transition tools and audio assets to create a video sequence that will induce a mellow mood



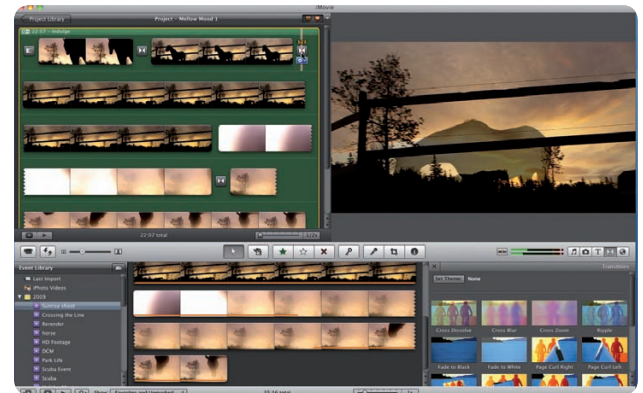
Task: Use transitions and music to create a mood

Difficulty: Expert

Time needed: 15 minutes



Turn on the TV and we're often bombarded by MTV-style sequences that feature short, sharp shots in which the camera is continually moving. These sequences are often edited to a pumping up-tempo rock track to get our adrenaline flowing and heart racing. In this walkthrough we'll show you how to shoot and edit static camera footage that produces the opposite effect, creating a sense of calm and peace. With help from iMovie's Transitions browser and its library of music we'll produce a sequence that evokes the tranquillity and slow pace of life from a rural scene as silhouetted horses watch the sun rise.

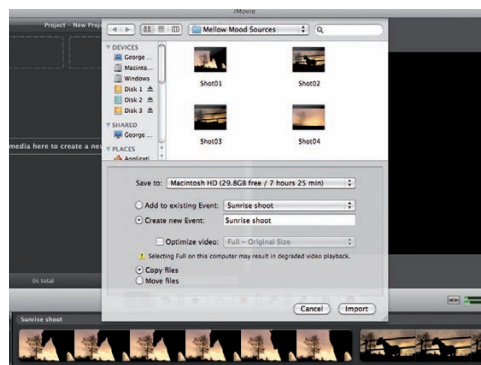


Step-by-step iMovie Use slow transitions and mellow music to produce a mellow mood



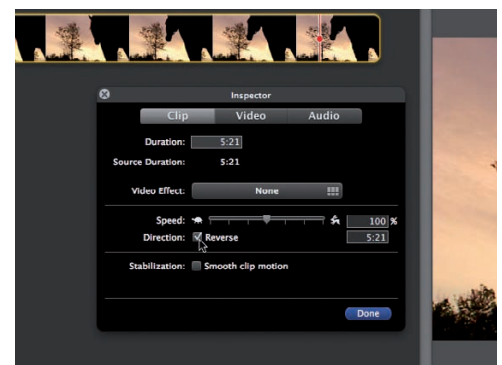
1: Shooting horses

Sunrise is a great time to shoot footage for a laid back video. By placing the camera on a tripod you can capture static, well-framed shots.



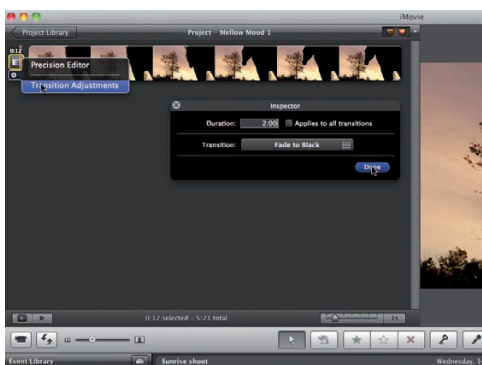
2: Watch the footage

Play the clips in the Mellow Mood Sources folder to familiarise yourself with the footage. Then File>Import>Movies into a new Event.



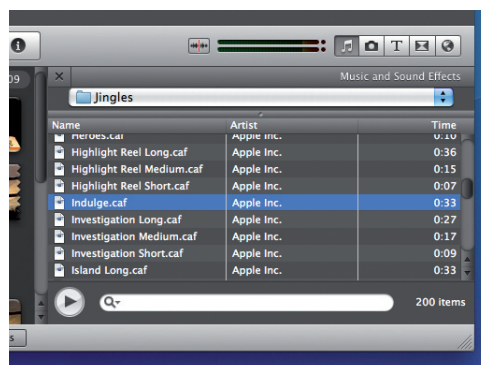
3: Reverse footage

Create a new 16:9 project. Drag 'Shot01' into the Project window. Double-click on the clip to open the Inspector. Tick Reverse.



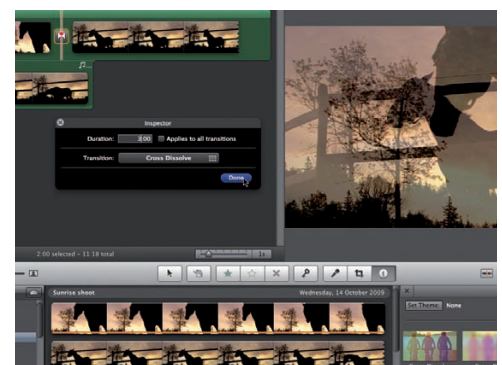
4: Fade in

Click on the Transitions browser. Drag Fade To Black before the clip. Click its gear icon and choose Transition adjustments. Set the Duration to 2:00.



5: In the mood

To help you have a relaxed tempo to edit to go to the Music browser's Jingles folder. Drag Indulge onto the grey part of the Project window.



6: Cross Dissolve

Add 'Shot02' to the sequence. Go to the Transitions browser and drag a classic Cross Dissolve between the shots. Set the Duration to 3:00.



Use iMovie's tools to evoke a mood

Create a mellow mood with iMovie's tools and audio assets

Cross Dissolve

Unlike more showy digital transitions like Page Curl, the classic Cross Dissolve never dates your productions. It's been around since the earliest days of cinema and evokes the passing of time

Natural transitions

When the horse's breath steams up the lens it creates a diffuse effect. As the lens condensation slowly clears this produces a natural transition between two shots

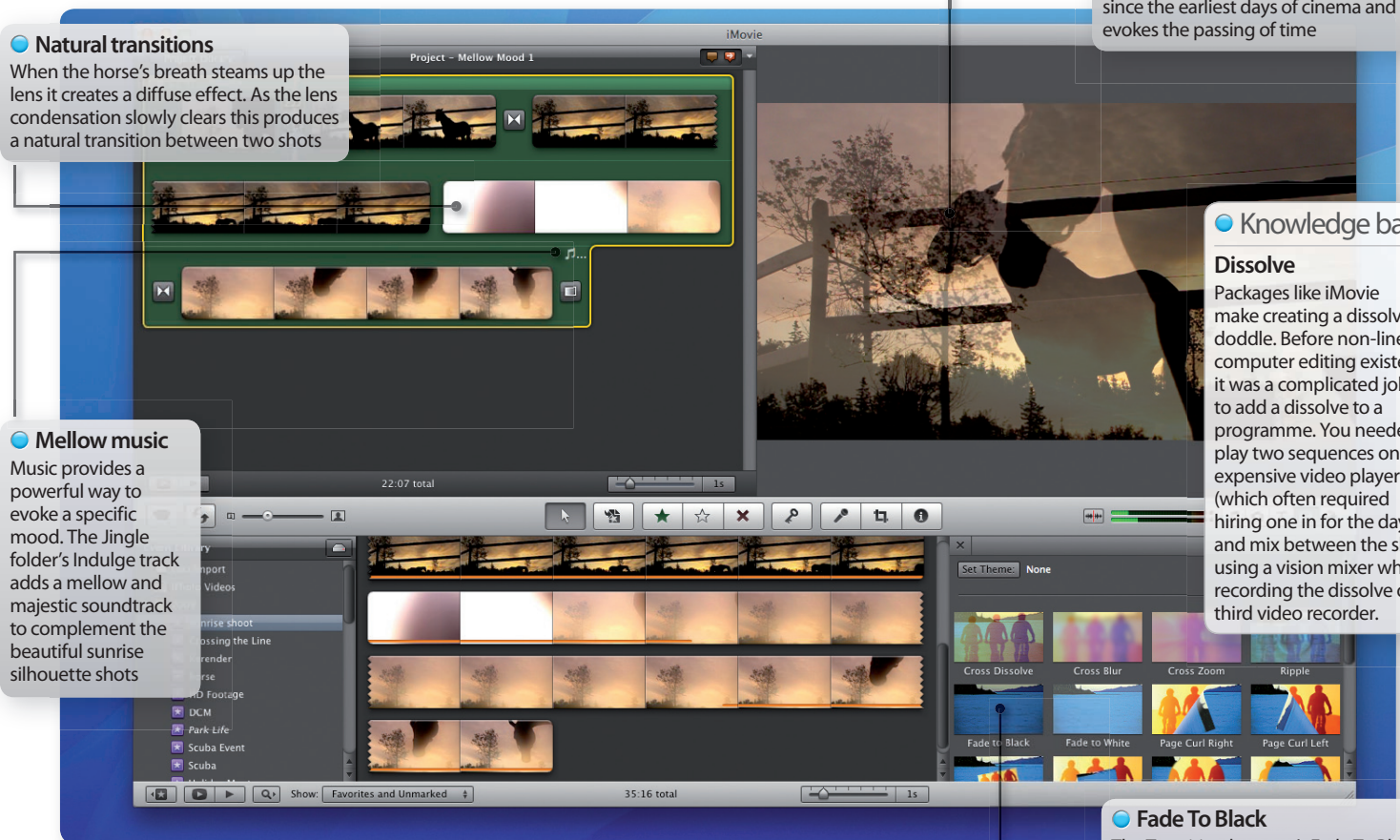
Mellow music

Music provides a powerful way to evoke a specific mood. The Jingle folder's Indulge track adds a mellow and majestic soundtrack to complement the beautiful sunrise silhouette shots

Knowledge base

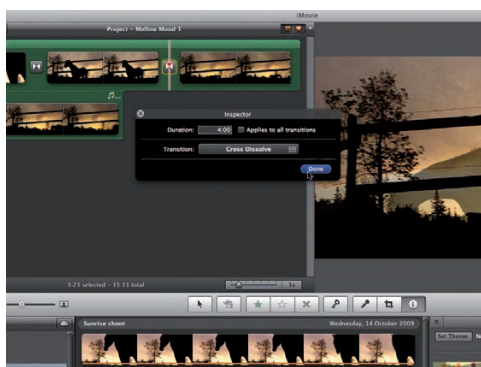
Dissolve

Packages like iMovie make creating a dissolve a doddle. Before non-linear computer editing existed it was a complicated job to add a dissolve to a programme. You needed to play two sequences on two expensive video players (which often required hiring one in for the day) and mix between the shots using a vision mixer while recording the dissolve on a third video recorder.



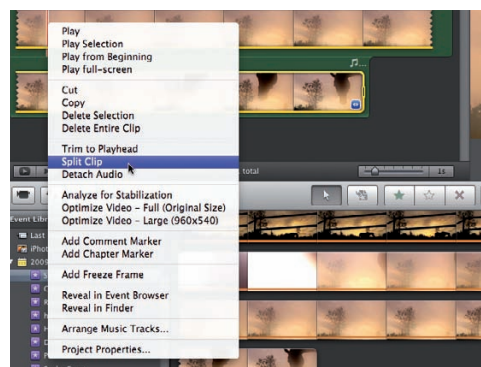
Fade To Black

The Transition browser's Fade To Black transition will also Fade From Black if you pop it at the start of a clip, providing a gentle introduction to your programme



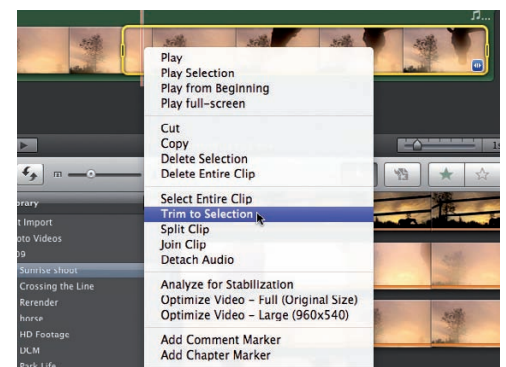
7: Time passes

By locking off the camera and adding a dissolve between Shot02 and 03 we can evoke the passing of time as the horse changes position.



8: Add Shot04

Add 'Shot04'. The clip is too long. Place the cursor around three seconds into the clip. Right-click and choose the Split Clip option.



9: Split and trim

In the second section drag the yellow selection box to just before the horse reappears. Right-click>Trim To Selection. Add a dissolve between the clips.

Tutorial: Create a soundtrack in iMovie

Produce a slick soundtrack by adding stings and high quality sound effects that link your separate shots together



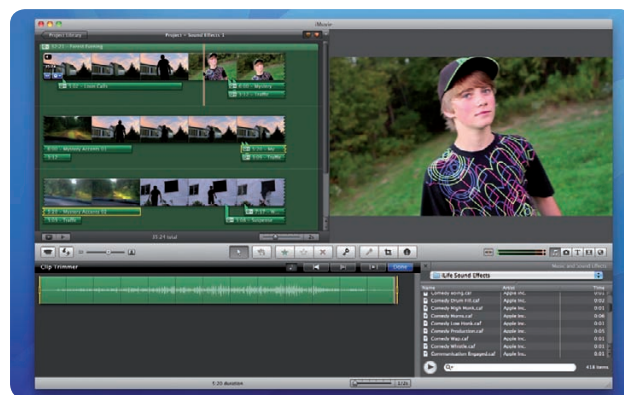
Task: Add sound effects and music to your footage

Difficulty: Intermediate

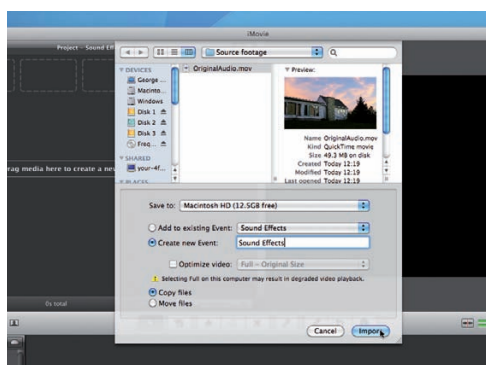
Time needed: 15 minutes



With the advent of affordable HD cameras, our footage is looking better than ever before. However, the quality of the audio in our impressive footage can still let down our productions. As we cut from one shot to another the ambient sound may change, causing a noticeable audio jump that draws attention to the cut. Or we may have unwanted noise to deal with (like the director giving instructions to the actor, for example). Fortunately iMovie gives us access to a collection of high-quality sound effects and stings that we can add to our edited footage to make it sound as good as it looks.

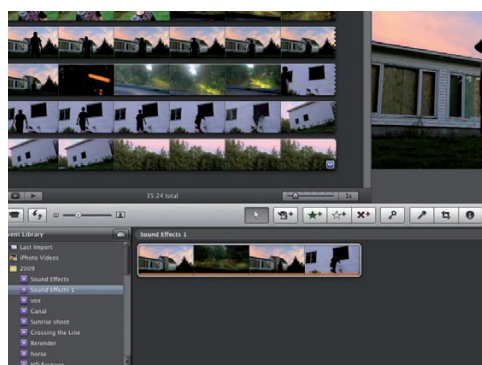


Step-by-step iMovie Add sound effects and stings



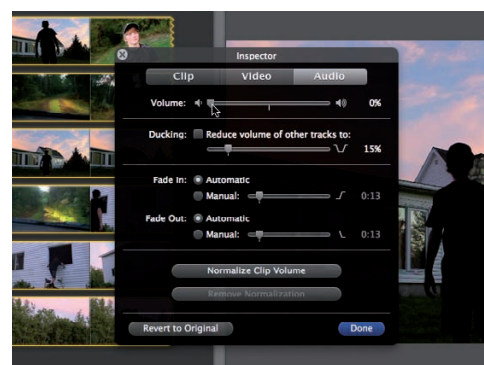
1: New Project

Go to File>New Project. Create a project with a 16:9 aspect ratio. Choose File>Import>Movies and import 'OriginalAudio.mov'.



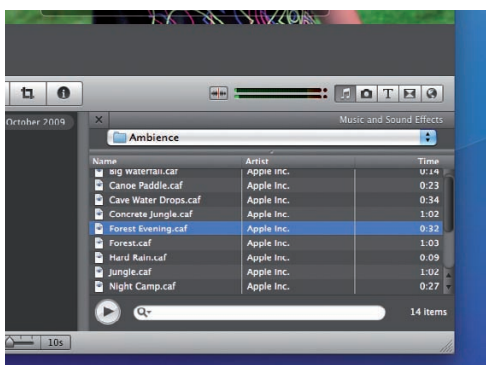
2: Play the clip

Drag the imported clip into the Project window and play it. The soundtrack is unusable due to the director giving instructions to the actor.



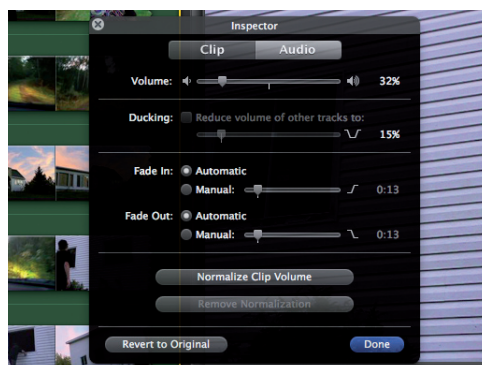
3: Volume down

Double-click on the clip to open the Inspector. Click Audio. Drag the volume of the entire clip down to 0% to remove the audio.



4: Browse sounds

Click on the Music & Sound Effects browser icon. Drag the Forest Evening sound from the Ambience folder onto the project's grey background.



5: Ambient sound

The forest sound effect links all of the shots together, but it's too loud. Use the Inspector to drop its volume to 33%.



6: Traffic

Make the Traffic sound effect overlap the car interior shots. Trim the sound effect to end when we cut back to the boy.

Add sounds in iMovie

Link your shots with a slick soundtrack

Background sound

If you drag a sound effect to the Project window's grey background it runs under all the video clips. This is a good place for non-specific background ambience effects like Forest Evening

Multitrack

You can build up layers of sounds to produce more sophisticated sound mixes. Here we have the background ambience, a musical sting and a car sound effect running at the same time

Knowledge base

Foley

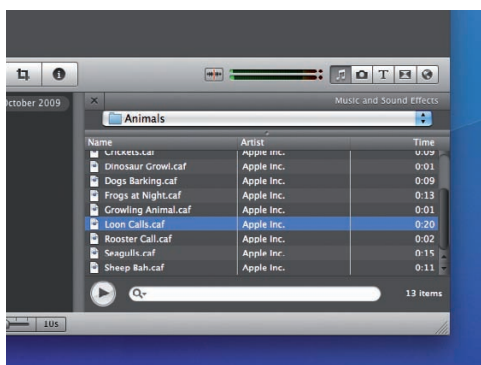
Most sound effects and ambient sounds (like footsteps) that we hear in a professional movie aren't recorded on location. Professional foley artists watch the footage and generate specific sound effects to fit the on-screen action. Thanks to iMovie we have a decent collection of high-quality pre-recorded foley effects we can use to augment our own footage.

Trim

To trim a sound effect click the Gear icon and choose Clip Trimmer. You can then drag the start or end point of the effect in the Clip Trimmer window (see step 6)

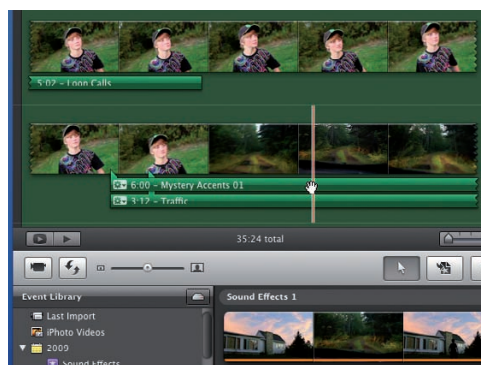
Sound effects

The Music & Sound Effects browser gives you access to the iLife Sound Effects folder. This is packed full of useful effects and musical stings that you can use to enhance your productions



7: Eerie atmosphere

From the Animals folder drop five seconds of Loon Calls over the first two shots. It links the shots together and generates a spooky atmosphere.



8: Menacing music

Go to the Textures folder and drop Mystery Accents 01 over the first car shot. This gives the driver a potentially menacing purpose.



9: Change of plot

By adding the Foley folder's Walkie Talkie Garble effect we remove all sense of danger as the car turns out to be investigating the boy's break in.

Tutorial: Select and adjust multiple clips in iMovie

Apply the same effect or adjustment to a selection of iMovie clips at once to save editing time



Task: Select multiple iMovie clips

Difficulty: Beginner

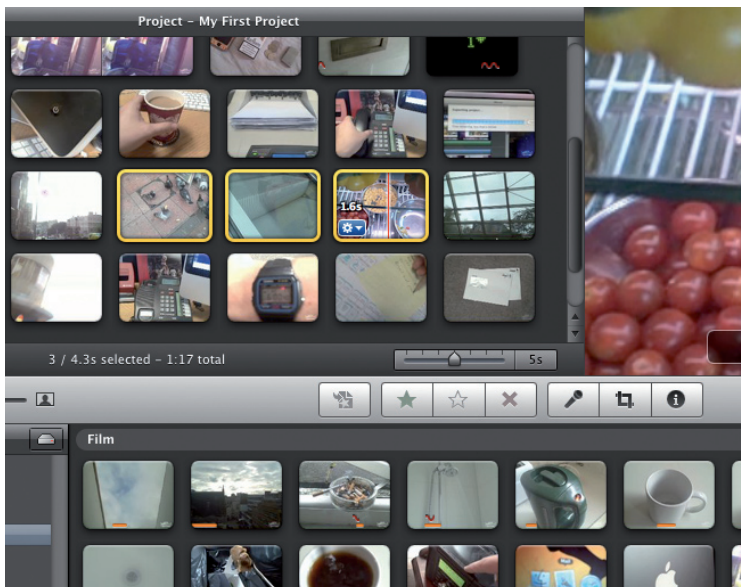
Time needed: 10 minutes



When you're making a movie there are certain things you'll want to **make sure of**. First is that you make sure your project looks as good as it can, and a part of this will come down to keeping things uniform. Another important consideration is how long things are going to take you. By selecting and editing multiple clips at once while you work on a project you get to kill two birds with one stone by not only saving time but ensuring that coherent edits are made to your chosen clips. By using this method you'll ensure that side-by-side scenes won't look different to one another should you accidentally alter settings on one clip or forget to apply an edit to another. Here's how to select and edit multiple clips in an iMovie project.



Step-by-step iMovie Select & edit multiple clips



1: Clip selection

Start by opening your project and picking the clips you wish to select and edit. Hold down the Shift key and click on each clip simultaneously until they all have a yellow border surrounding them.



2: Apply your effects

With your clips selected you can now click the "i" button to bring up the Inspector pane and apply any effects or adjustments you wish. These will be applied to all of the clips in your selection.

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Music
To add music to an entire project (instead of individual clips) simply drag it onto the grey background in the Project window

Visual variety
When shooting repetitive action you can re-position the camera to capture lots of different angles of an event. By cutting on the same movements you can make the separate shots flow smoothly together

Knowledge base
Shoot to edit
When filming an event think like a movie director and look for creative ways to frame the action. By shooting using different angles you can edit the footage to make a long boring event unfold quickly and be more interesting to watch. Today's attention spans are short, so keep your shots short and use close-ups and wide shots to add visual variety.

Sound adjustments
You can make the audio of your video or music clips fade in or out more effectively using the Manual fade slider in the Inspector's Audio pane

Fine-tune clip start
To make the action flow between clips you may need to trim off a few frames. Click on this icon to activate the orange trim handle and drag it to change the start or end of a shot

Tutorial: Shot & edit a continuous sequence

Shoot your footage so that you can cut between multiple shots to produce an apparently continuous sequence



Task: Shoot and edit footage that flows

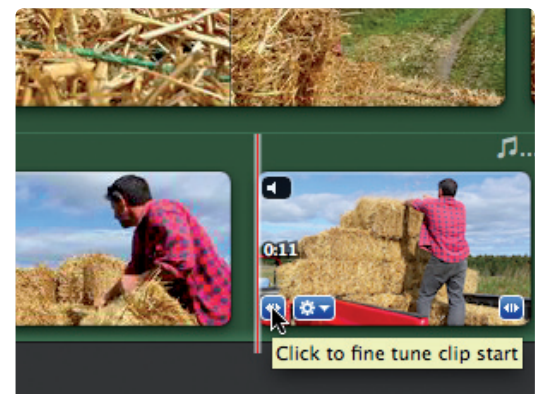
Difficulty: Intermediate

Time needed: 10 minutes



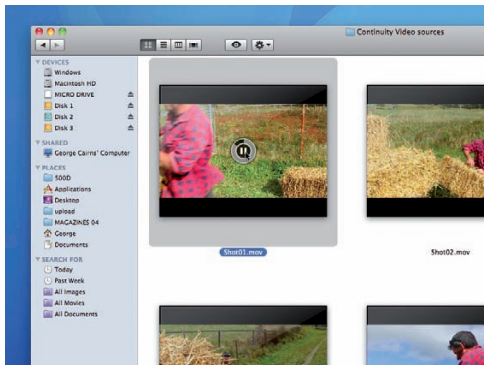
When we watch film or TV we tend to forget that we're watching an edited sequence, even though we know that between each shot the camera often stops recording and is repositioned to get a different angle. A minute of screen time may take an hour to film, but thanks to the magic of editing we believe that the action is happening in real time.

With some careful camera work we can record an event as separate shots and edit the clips together into a tight, 'real time' style sequence in iMovie. Our raw footage on the disc this issue shows a farmer loading up bales of hay onto a truck, but you can apply our shooting and editing tips to any activity you wish to shoot and edit yourself. Follow the steps over the page to create your own 'continuous' sequence in iMovie.



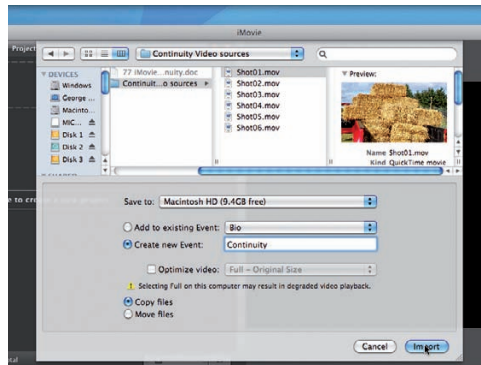


Step-by-step iMovie Edit separate shots into a continuous sequence



1: Review footage

Play the clips in the Continuity Source video folder to become familiar with the raw footage. We've labelled the clips according to the order in which they will cut.



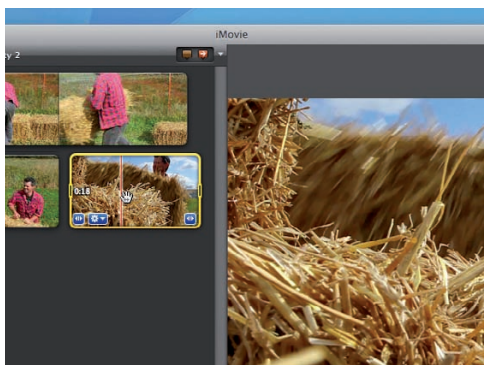
2: Import assets

Create a new 16:9 project. Import the clips. iMovie places them in the Event browser in chronological order, which is the same order in which we'll cut them.



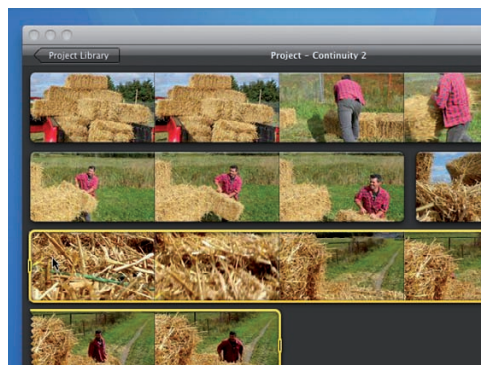
3: Exit frame left

Drag 'Shot01' into the Project window. Here we let the actor walk out of the frame. This enables us to cut to him in 'Shot02' without a nasty jump cut.



4: Repetitive action

In 'Shot03' the actor dumps another hay bale on the truck. Filming repetitive actions helps you add a variety of different camera angles to your project.



5: Transition

By craning up from the hay ('Shot04') we create a natural transition to a later time in the sequence. This is an alternative to using iMovie's transitions.



6: Mid to wide

In 'Shot05' the actor climbs onto the truck. We filmed this as a close-up. We then cut to a wider version of the scene by cutting on the repetitive action in 'Shot06'.



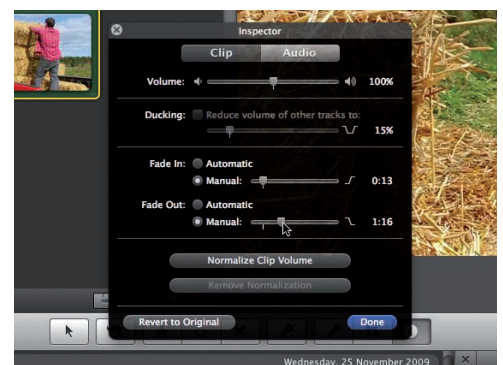
7: Quick trim

Click the Fine-tune Clip start icon on 'Shot06'. Drag the handle to the right two frames so that the bale's position matches the bale in 'Shot05'.



8: Struck dumb

The sound changes in each shot, which highlights the cuts. Press Cmd+A in the Project window and choose Edit>Mute Clips.



9: Fade music

Drop the Torn Jeans Long jingle onto the Project window. As it cuts off abruptly, manually fade it out over 1:16 seconds using the Audio Inspector.

Tutorial: Combine video and stills in iMovie

Create a slideshow that mixes video and stills to produce a video sequence with different textures



Task: Create a slideshow with video and stills

Difficulty: Intermediate

Time needed: 10 minutes

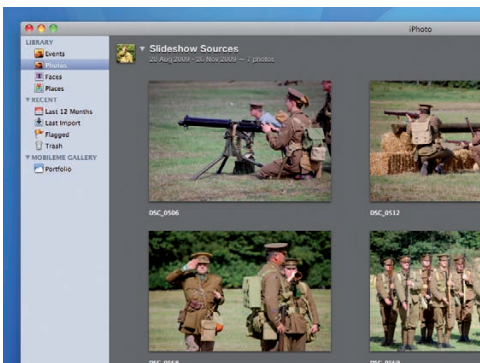


When we film an event on our camcorder we may also take a few stills with our digital camera at the same time. We can use these stills to enhance our video programmes with a slideshow-style sequence in iMovie; with the combination of the still and moving images adding some variety to our programme.

SLR cameras produce a much higher resolution image than video footage does, which enables us to use iMovie's rostrum camera-mimicking abilities to zoom into objects in the photo without a drop in quality. A slideshow is also a good way to add a change of pace to your video production – not to mention the fact it can hide dodgy camera work, as you'll see in our walkthrough! Follow our nine easy steps to effectively combine your footage in iMovie.

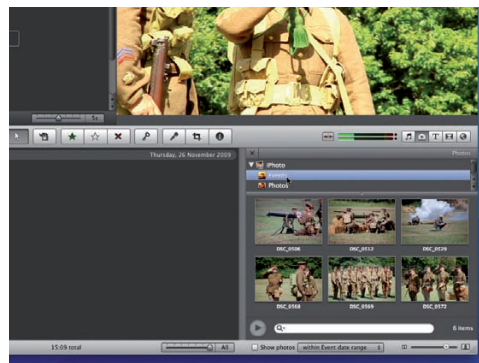


Step-by-step iMovie Combine a series of still cutaways with video footage



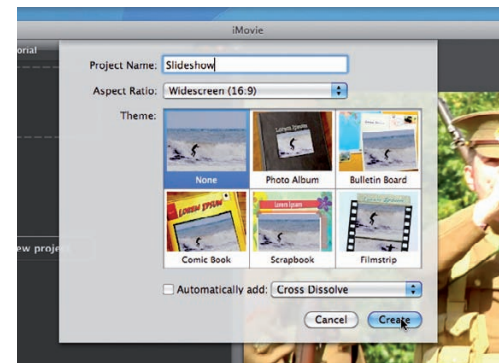
1: Into iPhoto

Drag the Slideshow Sources folder from the free disc onto the iPhoto icon. The video footage and stills will be imported into a new iPhoto event.



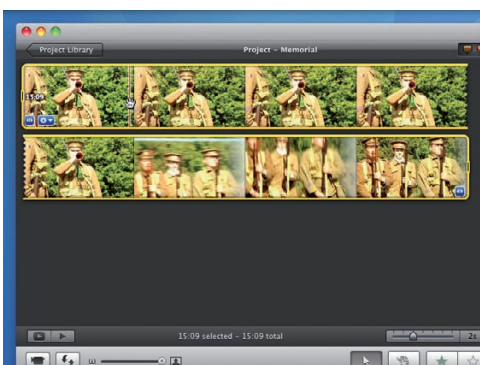
2: Access photos

Open iMovie. To access the stills click on the Show Photos icon and double-click on the Slideshow Sources Event icon to see the shots.



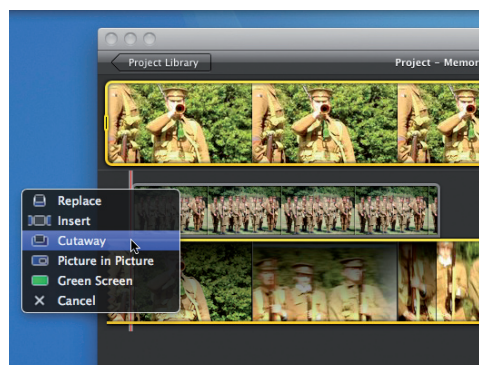
3: Access movie

To see the imported video clip click on the iPhoto Videos icon and scroll through your movies to find it. Create a new project called Slideshow.



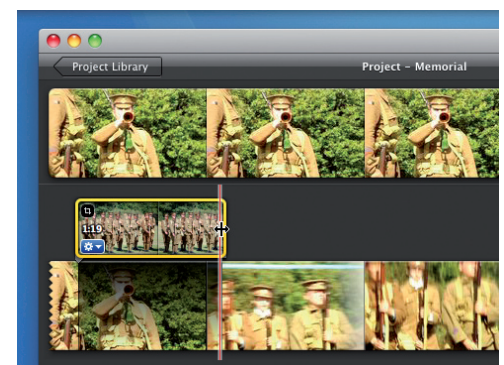
4: Add movie

Drag the movie into the Project window. The footage starts off okay but becomes wobbly. We'll replace the wobbles with stills, but retain the audio.



5: Add still

Drag a still from the Photos browser onto the video clip (before the camera starts to wobble). Choose Cutaway to preserve the video clip's sound.



6: Trim photo

The photo's default duration of four seconds is too long. Drag the end of the still to the left to shorten it to around 1:19 seconds.

Create a slideshow

Combine video footage and stills

Cutaways

By inserting photos as cutaways you can add a slideshow but keep the underlying video clip's audio track intact. We dropped some stills over footage of a soldier playing the bugle.

Ken Burns

To modify the speed and direction of the default camera moves added to your stills, click here. Now choose Cropping, Ken Burns & Rotation.

This way up

The red and green start and end windows let you choose the speed and position of the camera zoom. This yellow arrow tells you which way the camera will pan.



Knowledge base

Rostrum camera

The stills in your slideshow look much more interesting once iMovie has added a digital zoom or pan to them. iMovie's Ken Burns feature performs a similar job to the computer-controlled rostrum cameras that were used to add movement to stills for decades. Ken Burns is a renowned documentary maker who used rostrum cameras in his work.

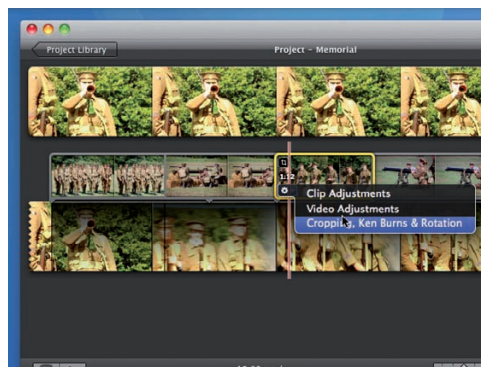
Colour correction

The HD video footage is much more saturated than the stills. To make it match press 'i' and choose the Inspector's Video pane. Drag Saturation down to 66%.



7: Add more stills

Drop in a few more photos as cutaways. Trim them and slide them to hide any of the wobbly video footage. Play back the slideshow.



8: Modify movement

By default the slides are zoomed to give them movement. Click a photo's Gear icon and choose Cropping, Ken Burns & Rotation.



9: Rostrum camera

Position the green square to indicate the start of the rostrum camera move. Now place the red square to indicate the end.

Tutorial: Create high-speed action in iMovie

Enhance your road movies with exciting high-speed driving scenes and iron out bumps in the re-timed footage with help from iMovie's picture-advanced Stabilization tool...



Task: Speed up driving footage in iMovie

Difficulty: Intermediate

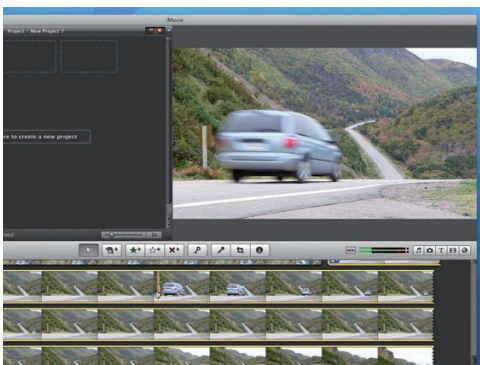
Time needed: 10 minutes



Thanks to iMovie's ability to speed up HD (High Definition) or SD (Standard Definition) footage, you can add dramatic Hollywood-style driving scenes to your programmes without breaking the speed limit! However, by speeding up handheld driving footage you can run the risk of exaggerating wobbles caused by bumps in the road or excessive camera shake. Professional filmmakers can avoid camera shake by mounting their camera onto a rig strapped to the bonnet of the car, but we're unlikely to have access to such specialist kit. Luckily, we have iMovie to smooth out the bumps in our re-timed footage, which means we can produce a smooth high-speed shot. Just follow the steps to find out how.



Step-by-step iMovie Shoot and edit smooth high-speed driving footage



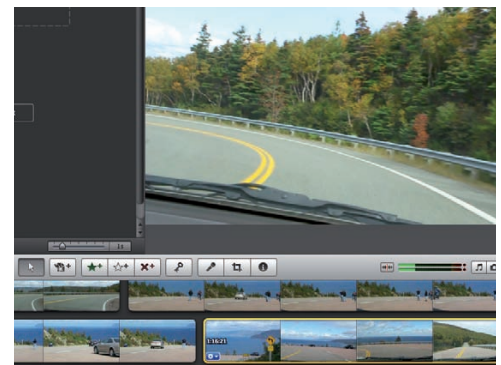
1: Establishing shot

Find somewhere scenic and film your car driving past to place it in a location. A low-angle camera shot will produce a more cinematic look



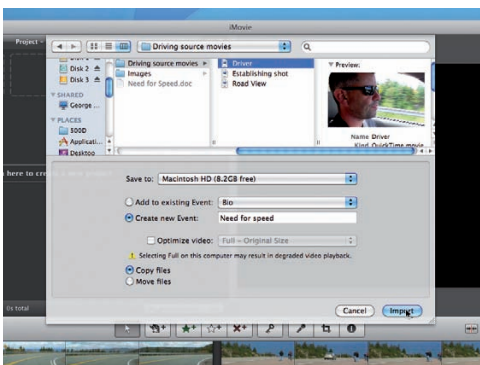
2: Ride shotgun

All driving movies need a protagonist to put his foot down, so sit in the passenger seat and film the driver for a few seconds.



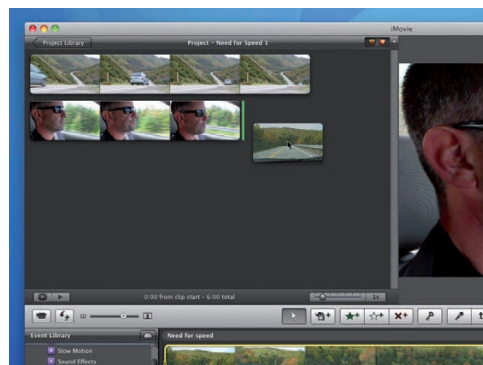
3: Round the bend

To capture dramatic road footage tilt the camera and lean into the bend, then straighten it up once you hit a straight road.



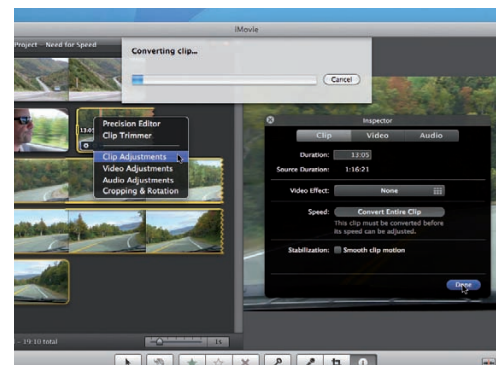
4: Import assets

Create a new 16:9 project and choose File>Import Movies. Import the HD clips from the Driving Source Movies folder on the disc.



5: Edit clips

Drag the clips onto the timeline in the Project window. Place the establishing shot first, then add the driver and drag in the road footage.



6: Convert clip

Click on the third clip's gear icon and choose Clip Adjustments. Click the Convert Entire Clip button next to the Speed option.



Shoot & edit high-speed footage

Speed up your driving footage in iMovie

Turbo charger

To make your car drive faster drag the Clip Inspector's Speed slider to the right. Try and resist pushing it to the max or the high-speed footage will look unrealistically fast!

Grading

To create a stronger contrast and produce more vivid-looking colours, adjust the Contrast and Saturation sliders in the Inspector's Video pane

Knowledge base

Fade it down

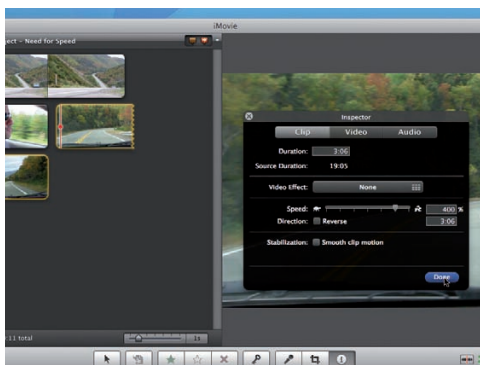
When you speed up your video footage it speeds up the sound too, creating comical high-pitched sounds. Go to the Audio pane in the Inspector and reduce the volume of speeded up footage to 0%. You can now replace the original audio with sound from other clips, or raid the Transportation folder in the iLife Library for suitable sound effects.

Steady cam

By speeding up the road footage you speed up every camera shake. Adjust this slider to smooth out the any wobbles when iMovie digitally stabilises the re-timed footage

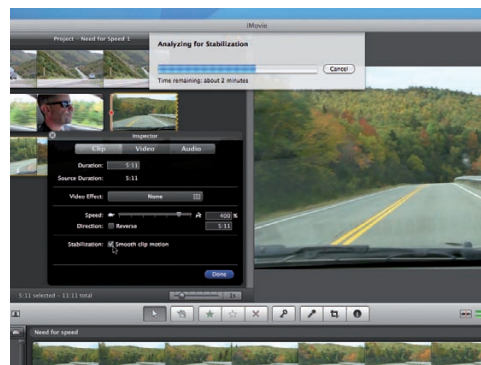
Sound effects

The Sports Car Racing sound effect replaces the high-speed audio from the re-timed clip. It also contains a skidding sound, which is perfect for adding drama to the sequence



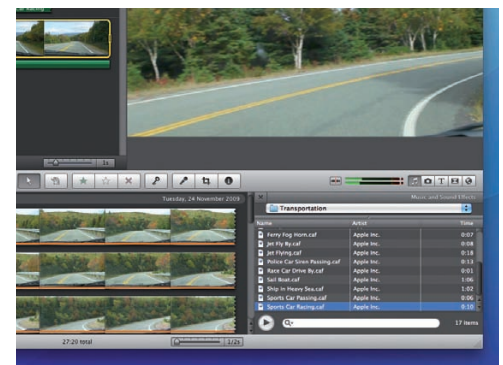
7: Speed up

Drag the Speed slider right (towards the nippy hare icon) to speed up the clip by 400%. This will make the clip's duration much shorter.



8: Digital suspension

Play back the re-timed footage. It's a little wobbly! Press 'i' to open the Clip Inspector. Tick the 'Smooth clip motion' box. Click Done.



9: Sound effects

Go to the Transportation folder in the Music & Sound Effects browser and use Sports Car Racing to enhance the high-speed footage.



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Available on the iPhone
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POWERED BY



Requirements: Apple iPhone 3G, 3Gs, iPod Touch or iPad >> iPhone 3.1.2 or higher >> an Internet connection

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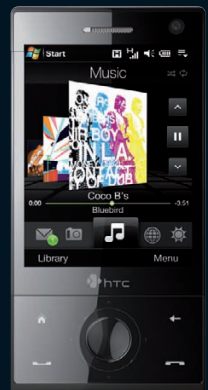
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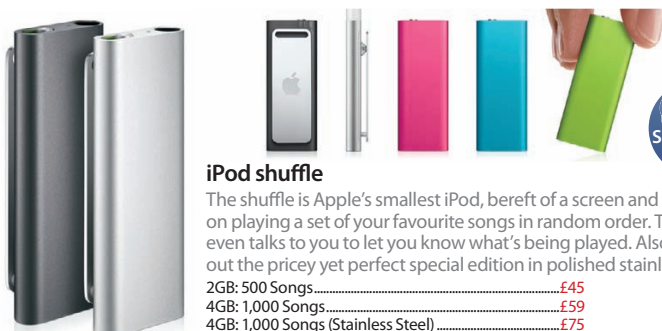
Buyers' guide



Buyers' guide

Choose your next Mac, iPod or piece of Apple software, or simply marvel at the beautiful products that Apple Inc. has bestowed upon us. Just make sure you've hidden your credit card...

iPods & the iPhone



iPod shuffle

The shuffle is Apple's smallest iPod, bereft of a screen and focused on playing a set of your favourite songs in random order. The shuffle even talks to you to let you know what's being played. Also check out the pricey yet perfect special edition in polished stainless steel.

2GB: 500 Songs.....£45
4GB: 1,000 Songs.....£59
4GB: 1,000 Songs (Stainless Steel).....£75

Last updated:
September
2009



Last updated:
September
2009

iPod nano

Shoot video on the all-new iPod nano. A new colour spectrum on polished anodised aluminium and a larger screen will surely keep these iPods on the best seller lists.

8GB: 2,000 Songs.....£115
16GB: 4,000 Songs.....£135



Last updated:
September
2009

iPod classic

Rumours of a touch-screen iPod made this iPod's outlook grim, but it has been reinvented with 160GB storage and an all-new casing and interface. Proof that some classics never go out of fashion. The huge storage capacity and traditional controls make this iPod a firm favourite, even since the advent of the iPhone and iPod touch.

160GB: 40,000 Songs.....£189



Last updated:
September
2009

iPod touch

All the coolest features of the iPhone are also found in the iPod touch, which now offers five new apps, which include Mail, Maps and Stocks. Existing users can upgrade the apps via iTunes for the minimal fee of \$20 or £12.99.

8GB: 1,750 Songs.....£149
32GB: 7,000 Songs.....£229
64GB: 14,000 Songs.....£299



Prices based on
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iPhone 3G

The 3G is now at the bottom end of the iPhone scale, but at a great new price.

8GB:.....£342

iPhone 3GS

Twice as fast and includes a digital compass and voice control, plus video shooting and editing.

16GB:.....£440
32GB:.....£538

Desktop and portable Macs

Last updated:
October
2009



Mac mini

Running at faster speeds and offering up to 4GB of RAM, the mini is quite a powerhouse for its minute frame. Not only the smallest Mac, the mini is also the greenest, being the most energy-efficient desktop in the world. Businesses can now buy a Mac mini with the Snow Leopard server included as a cost-effective server option.

2.26GHz Core 2 Duo 160GB.....	£499
2.53GHz Core 2 Duo 320GB.....	£649
2.53GHz Core 2 Duo Dual 500GB HDs	£799

Last updated:
October
2009



MacBook

Apple's only MacBook has seen a facelift with the impressive unibody design of the MacBook Pro embodied in the trademark white polycarbonate of the early MacBooks. Along with the unibody comes a built-in 7-hour battery, superdrive and 250GB of hard drive space.

13" 2.26GHz Core 2 Duo	£799
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Last updated:
June
2009



MacBook Air

The ultra-thin MacBook Air has taken on a few of the new features found in the MacBook, with new Nvidia graphics cards and the new buttonless trackpad with multi-touch gestures, which includes the four finger swipe.

13" 1.86GHz Core 2 Duo	£1,149
13" 2.13GHz Core 2 Duo SSHD.....	£1,349

Last updated:
June
2009



MacBook Pro

The addition of 13" models to the MBP line-up at WWDC was quite a surprise to some, with new low-end price points for Apple's professional portables. SD card slots and a new seven-hour battery also feature, with a wide range of options and prices available.

13" 2.26GHz Core 2 Duo	£899
13" 2.53GHz Core 2 Duo	£1,149
15" 2.53GHz Core 2 Duo	£1,299
15" 2.66GHz Core 2 Duo	£1,499
15" 2.8GHz Core 2 Duo	£1,699
17" 2.8GHz Core 2 Duo	£1,849

Last updated:
October
2009



iMac

Say goodbye to the 24-inch model, it's a choice between 21.5 or a massive 27-inch iMac these days with enhanced performance, 1920 x 1080 or 2560 x 1440 resolution and an updated design.

21.5" 3.06GHz Core 2 Duo	£949
21.5" 3.06GHz Core 2 Duo	£1,199
27" 3.06GHz Core 2 Duo	£1,349
27" 2.66GHz Intel Core i5	£1,599

Last updated:
March
2009



Mac Pro

The fastest Mac ever made can go faster if you want it to, and now features remarkable eight-core power. Eight-core is effectively two quad-core Intel processors running side by side in one machine and, you guessed it, it makes it the fastest Mac ever encountered. Customisation is available.

2.66GHz Quad-Core Xeon "Nehalem"	£1,899
2x 2.26GHz Quad-Core Xeon "Nehalem"	£2,499

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www.advancedphotoshop.co.uk



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 Requirements: Apple iPhone 3G, 3Gs or iPod Touch >>
 iPhone 3.1.2 or higher >> an internet connection

Buyers' guide

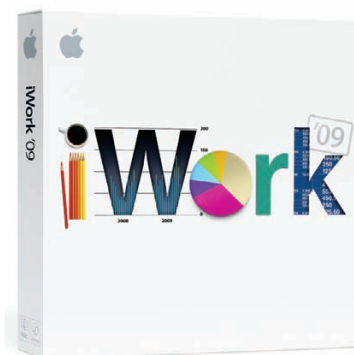
Beginner apps



iLife '09

A greatly improved iMovie and impressive new iPhoto features, such as Faces, make the new iLife suite a must-have for all Mac users.

Single.....£69
 Family Pack.....£85



iWork '09

Keynote offers new and exciting slideshow features, while Pages takes your word processing and page layout to new heights. Numbers also boasts 250 new features.

Single.....£69
 Family Pack.....£85



Mac Box Set

The new Mac Box Set now offers the full version of Snow Leopard plus iLife and iWork '09. Perfect for completely upgrading your applications in one go.

Single.....£129
 Family Pack.....£179

Mid-range apps



Logic Express 9

Logic Express 9 offers even more powerful music and audio features for those looking to make the step up from GarageBand and into professional music production and editing.

Full Version.....£159
 Upgrade.....£79



Final Cut Express 4

FCE offers the next step up the ladder for filmmakers using iMovie and introduces them to more professional tools and editing options found in Final Cut Studio, which is the standard in many movie studios.

Full Version.....£126
 Upgrade.....£64

Pro Apps



Logic Studio

A huge update to Apple's flagship audio package, the new Logic Studio introduces Flex Time for audio manipulation, Amp Designer for guitarists and MainStage 2 for live performances.

Full Version.....£399
 Upgrade.....£159



Final Cut Studio

The latest release of Final Cut Studio sees updates to its component apps, including FCP 7, Motion 4, Soundtrack Pro 3, Colour 1.5, Compressor 3.5 and DVD Studio Pro 4. The complete editing package for Mac.

Full Version.....£799
 Upgrade.....£249



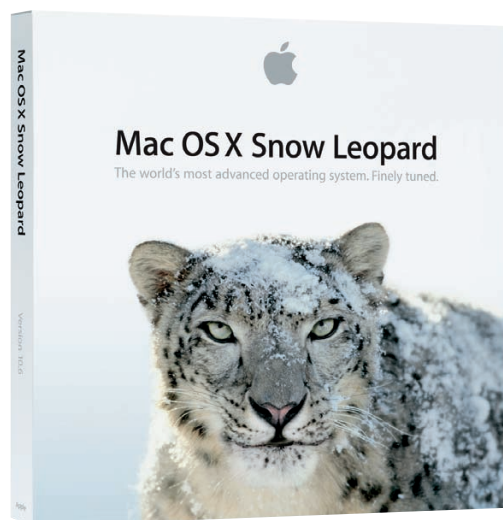
Aperture 3

Built for professional photographers, Aperture is the ultimate tool for importing, organising, comparing and editing your photographs on your Mac. Now features Faces & Places from iPhoto too.

Full Version.....£169
 Upgrade.....£79

For comprehensive reviews of all Apple kit and more, head to...
www.iCreatemagazine.com

System software



Mac OS X v 10.6 Snow Leopard

Users of Mac OS X 10.5 Leopard can now upgrade to Snow Leopard for a very reasonable price. Think of the upgrade as a tune-up for your whole system, introducing slick new features, a new version of QuickTime and much faster performance. Tiger users will need the Mac Box Set.

Single.....£25 Family Pack.....£39



MobileMe

.Mac is dead, but in its place comes MobileMe. Providing 'Exchange for the rest of us', the service provides 20GB storage and auto-syncs all your devices, be they Mac, PC or iPhone, over the air. Online you'll also find some amazing new Web 2.0 apps, such as Mail and iCal.

Single.....£58 Family Pack.....£87

Media & networking



AirPort Extreme Base Station

The new AirPort Extreme is smaller in form than a Mac mini, and provides USB and ethernet ports for wired connections to a network, printer or external HD. The 802.11n technology provides ranges 2.5 greater than 802.11g routers.

AirPort Extreme Base Station.....£139



AirPort Express Base Station

The smaller of Apple's Base Stations works like a standard wall plug with connections for ethernet, USB and audio line for using iTunes, which can send music to any device via AirPort Express and an audio cable.

AirPort Express Base Station.....£79



Apple TV

How do you get content onto your living room TV? The answer is simple – buy an Apple TV. The device streams media from multiple Macs, but it can also store data on its hard drive.

Apple TV.....160GB £269



Time Capsule

Wireless backup for your portable desktop Mac using Time Machine. A full 802.11n Wi-Fi base station and a server-grade hard drive means you'll never worry about backing up again.

Time Capsule.....1TB £229; 2TB £379

Peripherals



Apple Keyboard

Apple's super-slim keyboard takes its design cues from the MacBook range with small yet satisfying keys and a stylish aluminium enclosure.

Apple Keyboard.....£28



Apple Mouse

Featuring touch-sensitive button technology, laser precision, a unique scroll ball and side buttons for a 'squeeze' function, the Mighty Mouse can be configured to perform many commands and shortcuts in Mac OS X.

Apple Mouse.....£34



Apple Wireless Keyboard

Apple's wireless keyboard variant is of more square design than its wired sibling, but is brilliantly portable and can be used on the desk or lap.

Apple Keyboard.....£55



Apple Magic Mouse

Multi-Touch comes to your mouse for the first time. Apple's new wireless mouse offers scrolling, swiping and more through its Bluetooth connection, meaning cables don't clutter your desk. Great when combined with Apple's Wireless Keyboard for complete wire-free simplicity.

Apple Magic Mouse.....£48



Apple Cinema & LED Displays

Slick, stylish and a perfect partner for your Mac or Apple laptop. Four models are available, including the LED display.

20" Cinema Display£399
 23" Cinema HD Display£599
 24" LED Display£649
 30" Cinema HD Display£1,199

iCreate presents

iMovie

Tips, Tricks & Fixes

A complete guide to the No.1 Mac video-editing app

