



# Pano2Movie

## Quick Guide

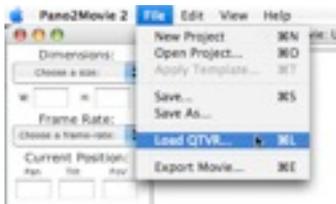
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# Pano2Movie

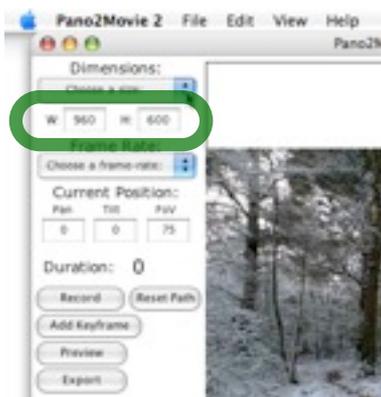
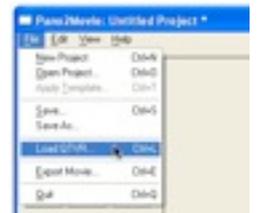
## What is Pano2Movie?

Pano2Movie is an application for creating videos from your QTVR panorama files. You can manually create paths through the panorama, or simply record your own navigation. Previously it was called QTVR2MOV.



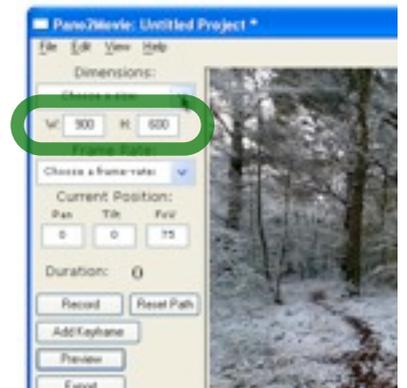
## Load a QTVR file:

Launch Pano2Movie, go to the File Menu, choose Load QTVR... and navigate to a QTVR file.

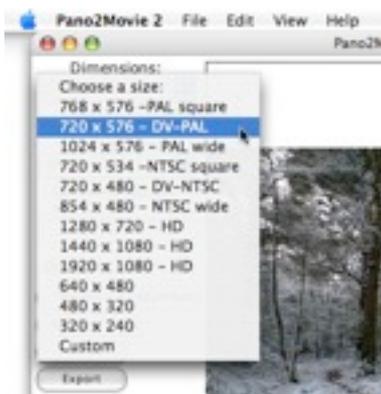


## Dimensions & Frame Rate

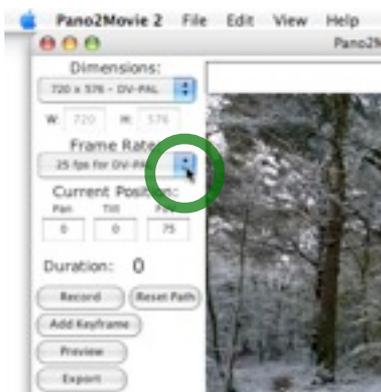
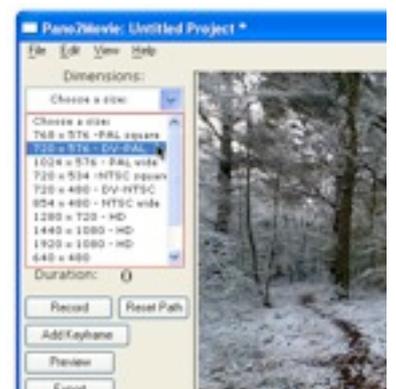
You may wish to set the dimensions and frame rate of your video at this point, but it can be done at any time before exporting the final movie.



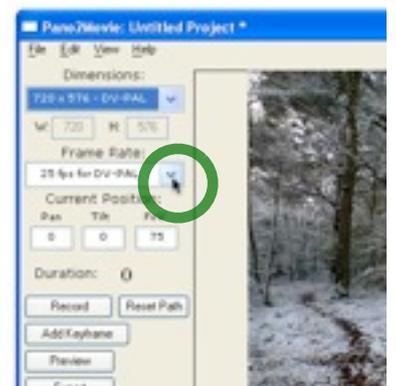
The original dimensions of the QTVR file will automatically be entered.

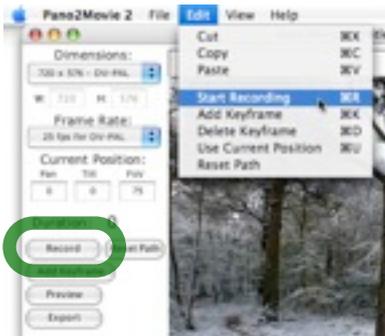


You can choose from a series of preset sizes or enter custom dimensions.



All the PAL size presets will automatically pick an appropriate frame rate, but you can change this.





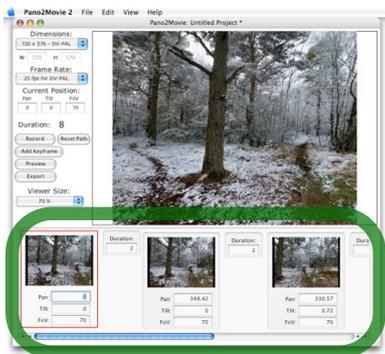
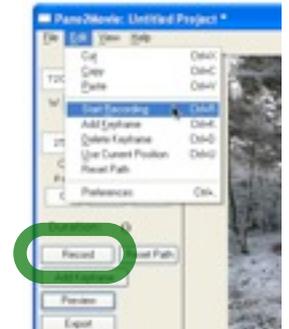
## Recording

Start recording by clicking the Record button, or going to File>Start Recording, or using the key combination Command-R on OS X or Control-R on Windows.

Recording will start as soon as you click on the displayed QTVR file.

Recording will stop again when you release the mouse button.

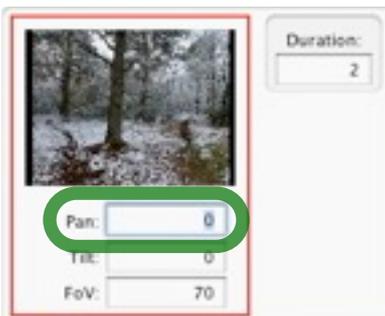
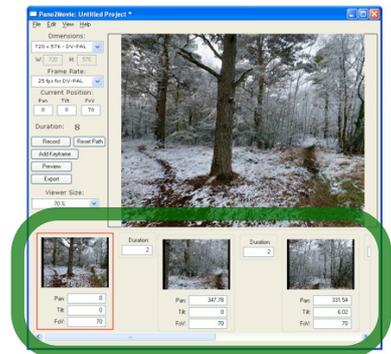
A keyframe will be recorded every two seconds, and motion will be smoothed out between those keyframes, so don't worry too much about making your movements or zooms too jerky.



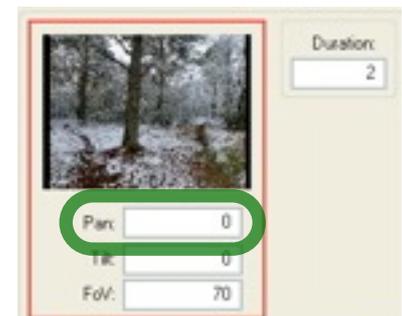
## Keyframes

After recording, a series of keyframes will be displayed along the bottom of the window.

Click on a keyframe to see that view.



Edit keyframes by entering values directly



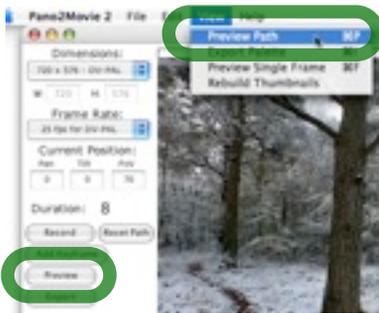
You can add a new keyframe after the selected one by going to Edit>Add Keyframe, and delete the current keyframe with Edit>Delete Keyframe. You can set the position of a keyframe to the position currently shown in the main window by going to Edit>Use Current Position.

Edit>Reset Path will remove all keyframes.

## Saving Projects

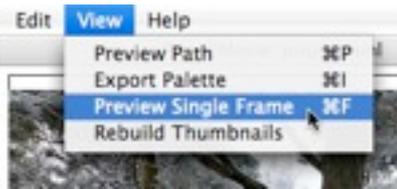
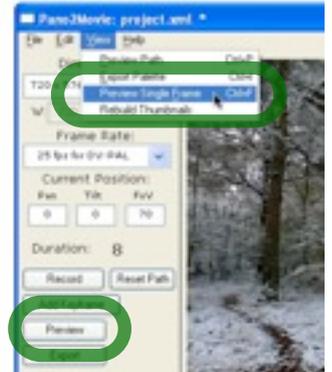
When you use File>Save... or File>Save As... all current settings will be saved as a project file which can be loaded up and changed in the future.

To make the same path through another panorama, load up the previous project and then load a new panorama.

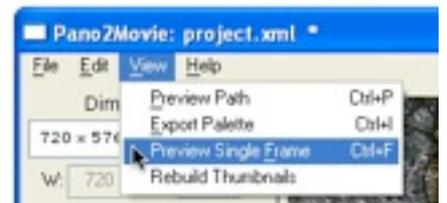


## Previewing

You can start previewing the path through the panorama by clicking on the Preview button, going to View>Preview Path or using the keyboard shortcut Command-P on Mac or Control-P on Windows.



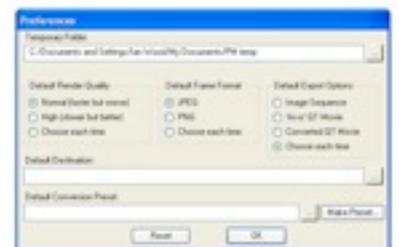
You can also preview the quality of a single frame using View>Preview Single Frame.



## Preferences

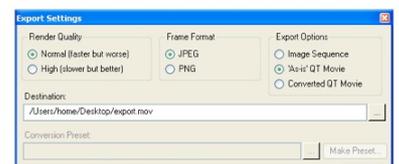
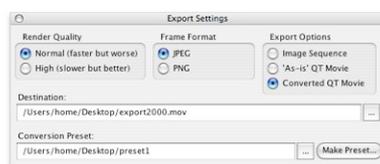
You will need to set a folder for all the temporary files.

You can also set defaults for other settings such as the format for the individual frame images.



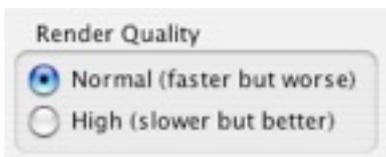
## Export Settings

You can view and then set the export settings for the current project by going to View>Export Palette.

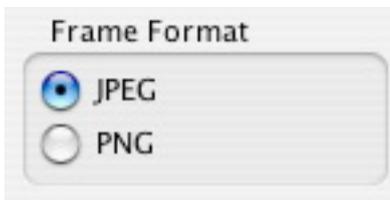


## Render Quality

This setting controls the speed and quality of making each frame. 'Normal' will be much faster, but can result in jaggy edges on angled objects, and shimmering patterns in the final video. 'High' will render out each frame at twice the required size and reduce it down again,

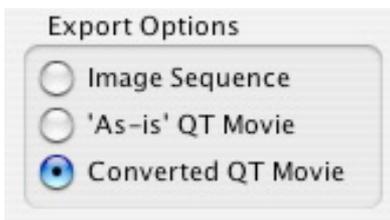
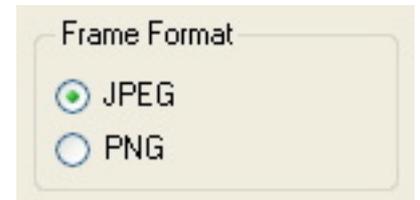


giving much better visual quality, especially when using wide views and high resolution panoramas. The example below shows normal quality in the top left and high quality in the bottom right.



### Frame Format

JPEG is a lossy-compressed format which will take up less space for the temporary files, PNG format is losslessly compressed and will minimise compression artifacts.



### Export Options

There are three main options for what kind of output you want.

**Image Sequence** - this will produce a series of sequentially-numbered image files, either JPEGs or PNGs depending on the frame format that you chose.

**'As-is' QT Movie** - this will put the images into a QuickTime movie file, without doing any further compression. For the absolute best quality you should use this option with PNG frame format.

**Converted QT Movie** - will load up the image frames and then compress them using codec and compression settings of your choice.



### **Destination**

You set the destination here. For an image sequence it will be a folder, for a movie it will be a folder path and the name of the final movie file.



### **Conversion Presets**

If using the Converted QT Movie option you will need to choose or make a preset file. There are several presets included with Pano2Movie in the presets folder, but you can make new ones using the Make Preset button. This will bring up the standard QuickTime dialog for choosing codecs, compression settings, keyframe settings etc. These preset files can be saved and reused in the future.

