Video Capture:

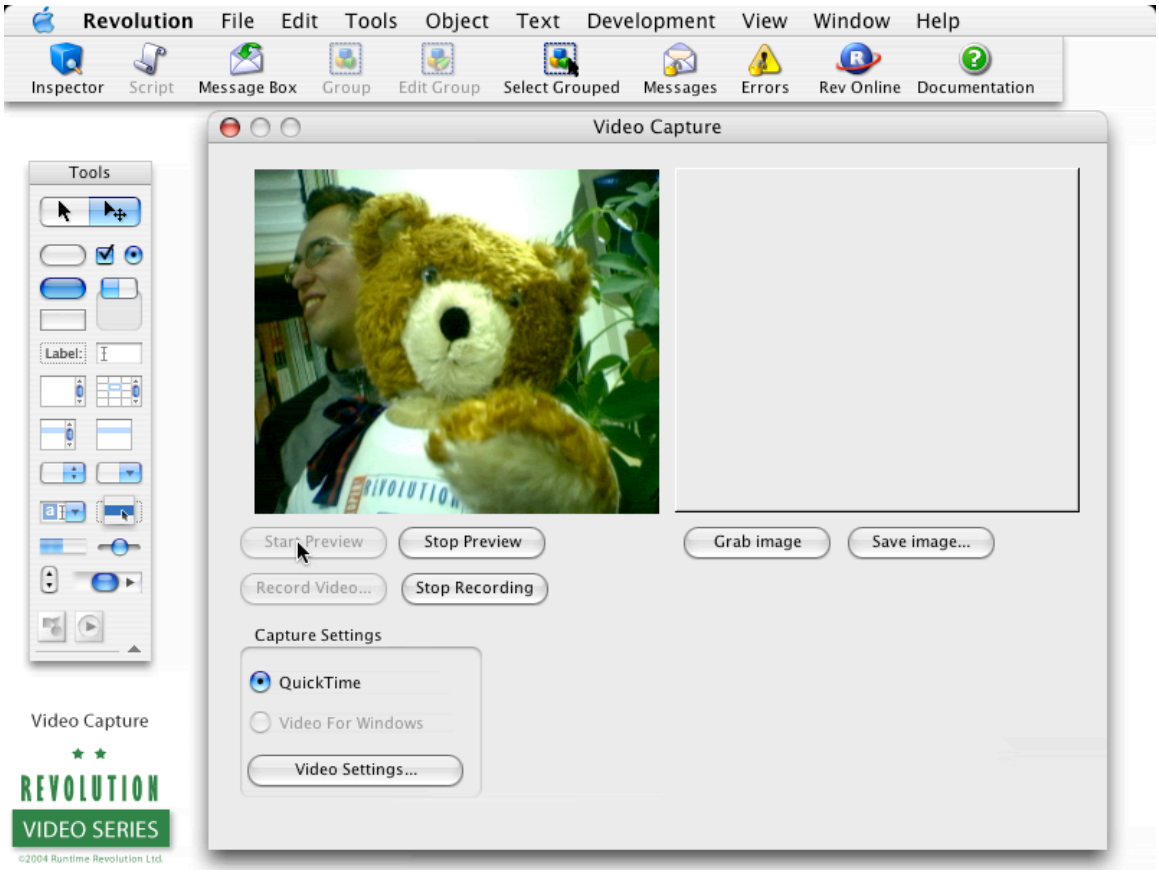
A Custom Video Capture Application

The Video Capture application captures video from a camera plugged into the computer. It can capture using either QuickTime or Video For Windows. (Please note that video capture is not currently supported on Linux and Unix systems.) This Video Tutorial shows you how to use this Sample Project, and how to take it apart to understand how it works or copy portions of it for use in your own applications. We recommend you have explored the introductory video tutorials so you have a basic understanding of how Revolution works before you start on the Sample Projects.

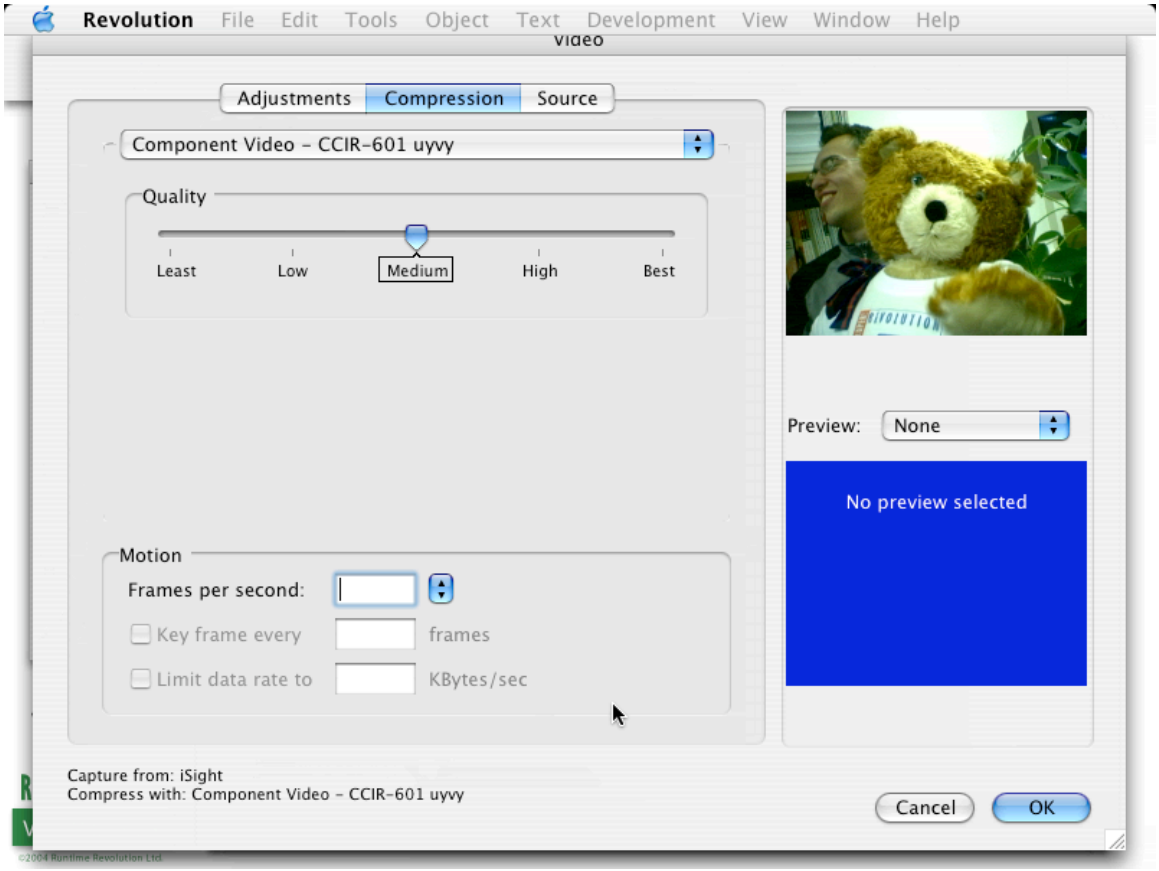
Key topics covered in this tutorial

- A walk through the Video Capture application
- How to view the scripts

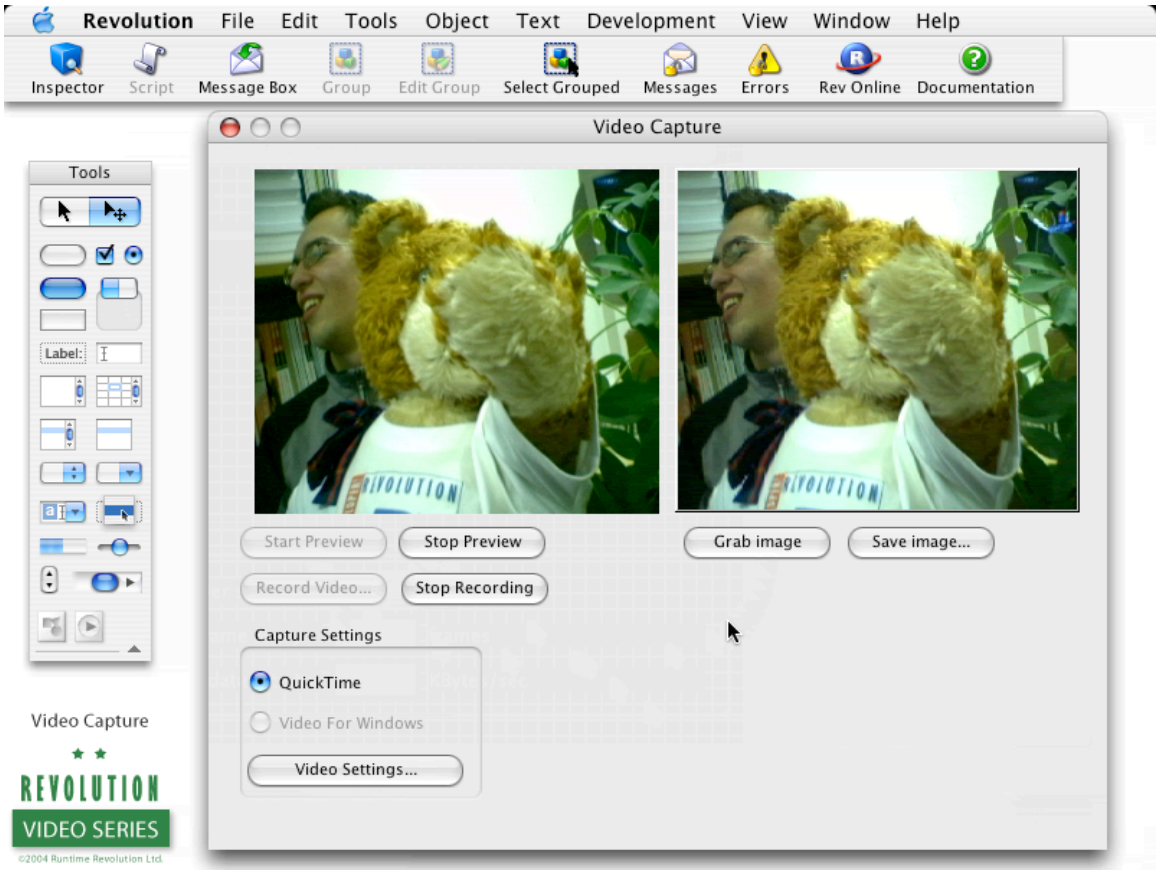
The Video Capture Application allows you to capture video from a camera plugged into your computer. To use it, attach a camera and press the 'Start Preview' button, the video will preview in the window.



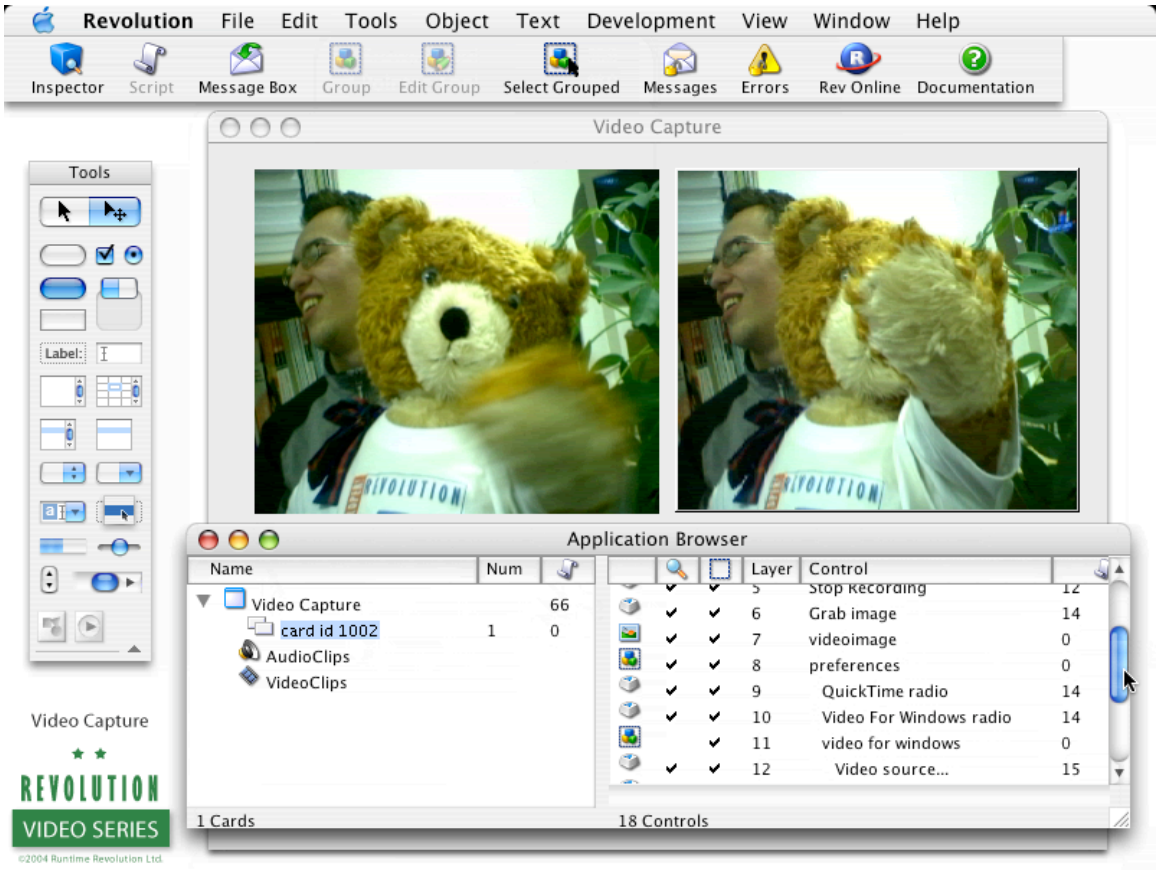
You can change the capture settings in the 'Video Settings' dialog.



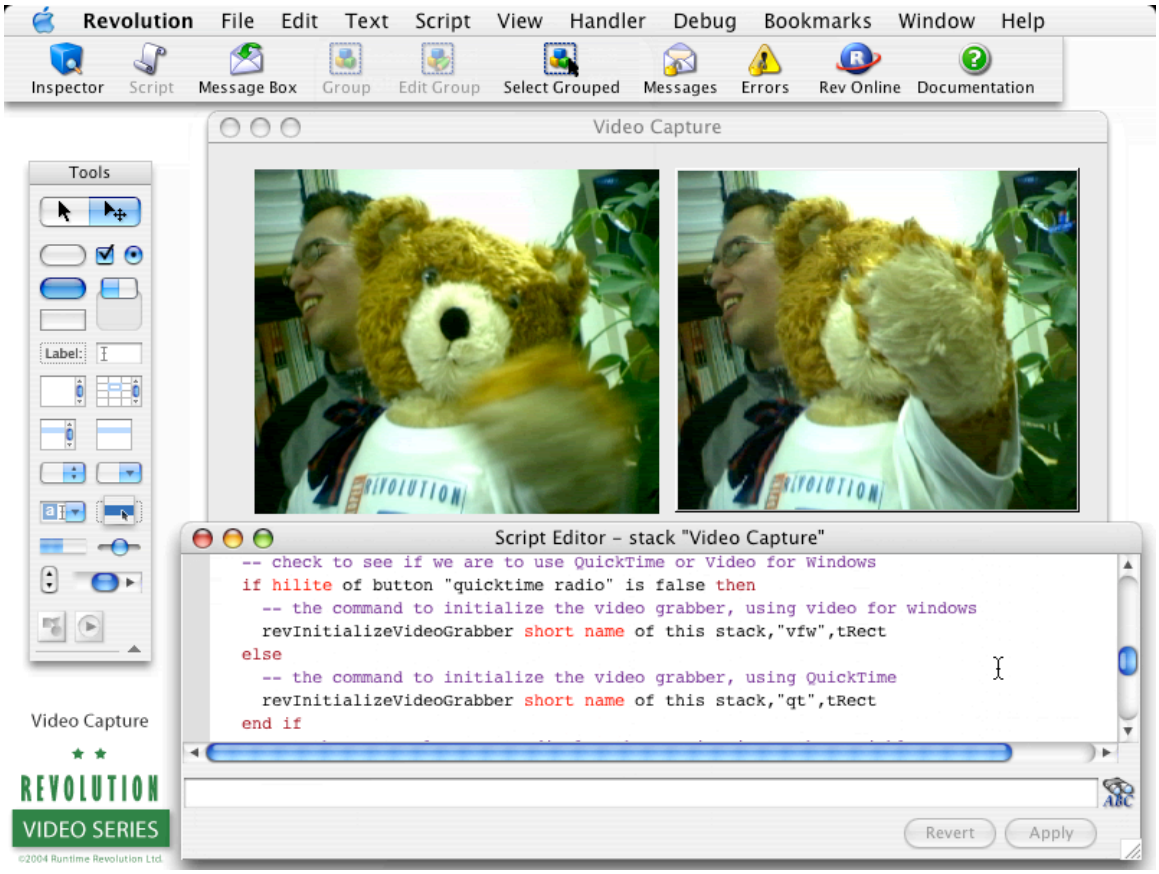
To record video to a file, press the 'Record Video' button. When the video is previewing or recording, you can capture a still image using the 'Grab Image' button.



To see the scripts that make these stacks work, first open the 'Application Browser' from the 'Tools' menu. Some of the scripts in the video capture application are contained in the stack script and some are contained in the individual objects on the card.



Because a lot of the functionality of this application is contained in the stack script, with message handlers in the objects on the card calling that script, its important to copy the handlers contained in the stack if you want to modify and use this functionality in your own application.



The scripts in this sample application run commands in the Revolution video grabber component, an extension to the core Revolution engine.

Note that as with all the Sample Projects, the majority of the script is made up of comments that explain what each line does, these lines are marked by double dashes at the start and colored purple.