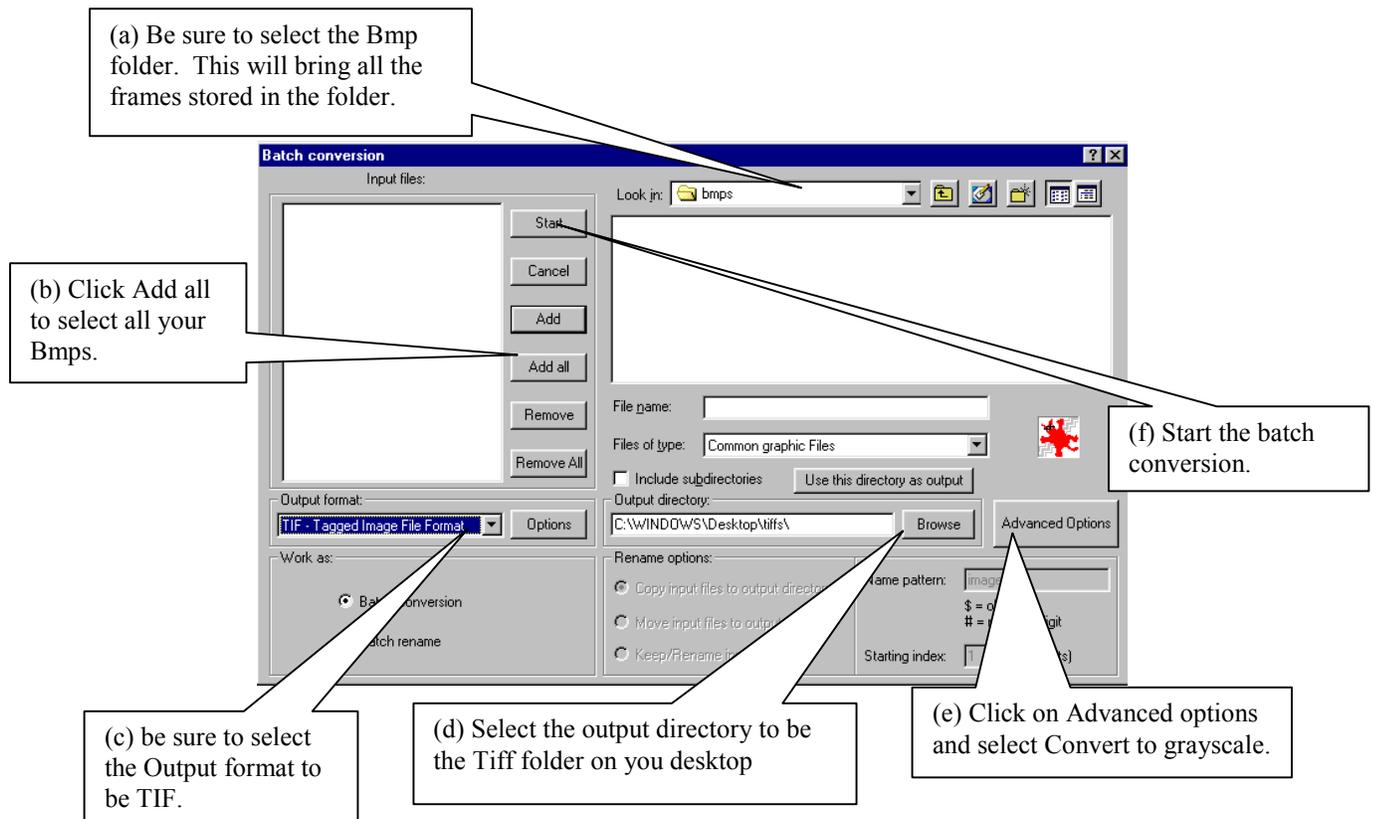


Converting an AVI file into a TIFF stack

Converting an AVI Movie file into a Tiff stack file

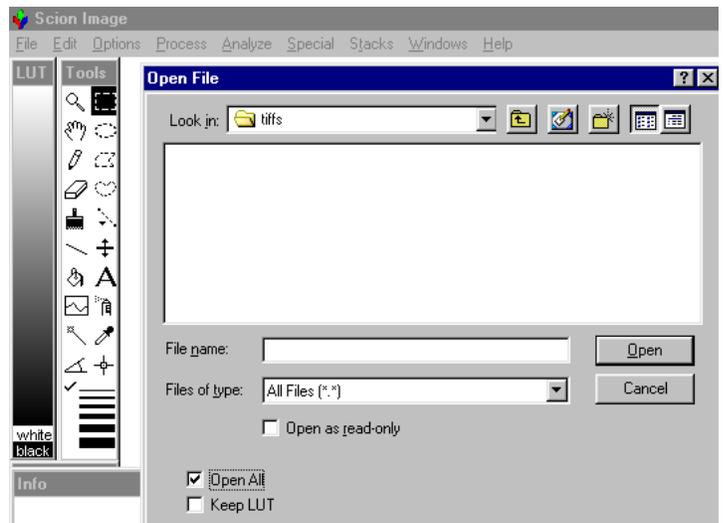
1. Make two new folders on your desktop (Bmp and Tiff)
2. Launch Irfan View
3. Click on **F**ile and **O**pen the video file to be converted.
4. Click on **O**ptions and select **E**xtract all frames into the Bmp folder.
5. Click on **F**ile and select **B**atch Conversion. Be sure to change the following options in the window



6. After you click **Start**, you should see a dialogue box showing your files being converted.
7. Close Irfan View.

Converting an AVI file into a TIFF stack (cont.)

8. Open Scion Image.
9. Click **F**ile and **O**pen all files in your Tiff folder.
 - (a) Click on one file.
 - (b) Select **Open All**
(at the bottom of the window).
 - (c) Click **O**pen



At this point it should open all frames as individual windows.

10. Create a stack of all the individual windows by clicking on **S**tack and select **Windows to stack**.
11. Save the stack file. Make sure you select the saving option at the bottom of the screen to be a Tiff extension.

This new file should be able to be opened by Scion Image as a tiff stack that can be analyzed. This stack has a speed of 30 frames per second. If you would like to shorten the stack to a smaller number of frames, using different macros available in Scion Image can do this. A Macro that changes the number of frames from 30 frames per second (fps) to 10 fps is in the CD (Convert to Greyscale) provided to you.

To reduce the length of the stack to 10 fps

1. Open the file that you want to change to 10 fps in Scion Image.
2. Under **S**pecial select **Load macros**.
3. Find the macro named **30fps to 10fps** from the CD and click **Open**.
4. Click on **S**pecial and select **30 fps to 10 fps**.
5. Save the new file. If you want to have both files (the original 30 fps and the new 10 fps) *be sure to save under a different name.*