

Putting Image data into Remote Stereo Viewer

Preparing the images:

Make sure the files are named so that the alphabetic order of the files corresponds to the order the images are to be viewed

Copy the images to Rainier

- Transfer image set to rainier. On Windows, you can use WinSCP3 (free download).
- Log on to rainier, sign is as su (superuser)
- Move image set to /home/senger/InfoServers/ImgSvr/Images/

Create a Description File using Linux

The folder that contains the images needs a description file, named Desc.v2. To create the file: Make sure you are in the folder with the image set. At the prompt type:
ls > Desc.v2

Edit the Description File

The format of the description file is

- Number of dimensions
- Number of images in first dimension
- Number of images in second dimension

Example 1: A Bassett image set the first 3 lines would be

- 2 for the number of dimensions
- 2 (for the left, right images)
- N (number of images) (...2*N files listed ...)

Example 2: An image set with a single rotation, the first 2 lines would be

- 1
- 72 (number of images in the rotation)

Example 3: An image set with dissection and rotation, the first 3 lines would be

- 2
- 72 (number of images in a rotation)
- N (layers of dissection)(... 72*N files listed ...)

Edit the Index File

The first line of the file indicates the number of image sets, this will need to be incremented.

Then the name of the new folder needs to be added to the list

Order is not important in the list, the list will be presented alphabetically on the web

Relaunch the Imgsvr

To re-launch the imgsvr, first you need to stop the current application.

Prompt: ps -ef |grep imgsvr

Find the process ID, the first number in the line with imgsvr

Prompt: kill -9 *processID*

In the /home/senger/InfoServers/ImgSvr/ directory, launch the new instance with

Prompt: ./imgsvr -n "Stanford" &

Note: you will have to wait a minute or two after you kill the process before you start the new instance. You will get an error if the previous process is still running. You can verify the previous process has been stopped by checking if the images are available on the web site.