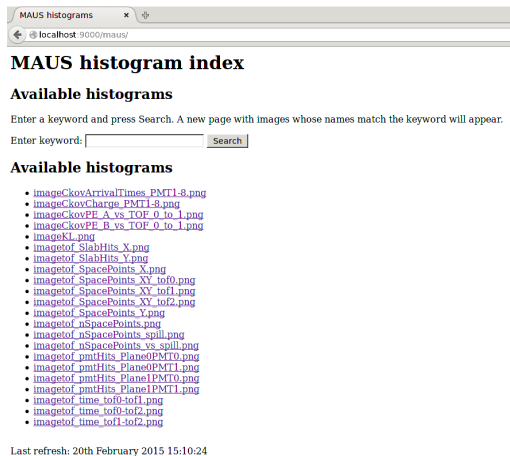


Action	Expected Result
<p>1) Log on to one of the thin client machines. 2) Open a terminal window. 3) Connect to miceonrec02. Type</p> <pre>~> ssh -X miceonrec02</pre> <p>4) Run the online reconstruction. Type:</p> <pre>~> cd /home/mice/MAUS/maus ~> source all.sh ~> python bin/analyze_data_online.py</pre> <p>5) If the programme detects existing processes already running, type <code>y</code> when asked if you wish to terminate them, and press Enter.</p> <p>6) Press Ctrl-c at any time to quit</p>	<pre>Found lockfile - this may mean you have an existing session running elsewhere. Kill existing session? (y/N) y Lockfile /home/mice/MAUS/.maus_release/tmp/.maus_lockfile found - killing processes Killed 29843 ... Starting celery... Started process with pid 15478 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/celeryd.log Starting maus web app... Started process with pid 15479 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/maus-web.log Starting input-transform... Started process with pid 15480 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/maus-input-transform.log Starting reducer... Started process with pid 15481 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/reconstruct_daq_scalars_reducer.log Starting reducer... Started process with pid 15482 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/reconstruct_daq_tof_reducer.log Starting reducer... Started process with pid 15483 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/reconstruct_daq_tofcalib_reducer.log Starting reducer... Started process with pid 15484 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/reconstruct_daq_ckov_reducer.log Starting reducer... Started process with pid 15485 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/reconstruct_daq_k1_reducer.log Starting reducer... Started process with pid 15486 and log file /home/mice/MAUS/.maus_release/third_party/install/lib/maus-apps-0.2/media/raw/reconstruct_monitor_reducer.log Making lockfile /home/mice/MAUS/.maus_release/tmp/.maus_lockfile CTRL-C to quit 15478 0.0 15479 0.0 15480 0.0 15481 0.0 15482 0.0 15483 0.0 15484 0.0 15485 0.0 15486 0.0 15478 0.2 15479 0.0 15480 0.3 15481 0.3 15482 0.3 15483 0.3 15484 0.3 15485 0.3 15486 0.3</pre> <p>Tip: the output produces pairs of process ID and memory usage. If memory usage of a process goes over 15 % of total the process will be killed and respawned.</p>
<p>7) Open a second terminal on the thin client. 8) Connect again to miceonrec02:</p> <pre>~> ssh -X miceonrec02</pre> <p>9) Launch firefox from miceonrec02 (not the thin client itself!):</p> <pre>~> firefox &</pre> <p>10) In the location bar, type: http://localhost:9000/maus/</p> <p>11) Click on images to view (refresh to update)</p>	<p>Sample output</p>  <p>The screenshot shows a web browser window with the address bar containing 'localhost:9000/maus/'. The page content includes a search bar and a list of available histograms. The list includes files such as 'imageCkovArrivalTimes_PMT1-8.png', 'imageCkovCharge_PMT1-8.png', 'imageCkovPE_A_vs_TOF_0_to_1.png', 'imageCkovPE_B_vs_TOF_0_to_1.png', 'imageK1.png', 'imageToF_SlabHis_X.png', 'imageToF_SlabHis_Y.png', 'imageToF_SpacePoints_X.png', 'imageToF_SpacePoints_XY_toF0.png', 'imageToF_SpacePoints_XY_toF1.png', 'imageToF_SpacePoints_XY_toF2.png', 'imageToF_SpacePoints_Y.png', 'imageToF_nSpacePoints.png', 'imageToF_nSpacePoints_spill.png', 'imageToF_nSpacePoints_vs_spill.png', 'imageToF_pmtHis_Plane0PMT0.png', 'imageToF_pmtHis_Plane0PMT1.png', 'imageToF_pmtHis_Plane1PMT0.png', 'imageToF_pmtHis_Plane1PMT1.png', 'imageToF_time_toFtoF1.png', 'imageToF_time_toFtoF2.png', and 'imageToF_time_toFtoF2.png'. At the bottom, it says 'Last refresh: 20th February 2015 15:10:24'.</p>