Innovation Lab Application Test - DEM Processor

## Command to run within the container.

*These instructions include sample commands. Tailor them to your environment.*

* 1. Clone the core and evhr repositories to a directory.
  2. Create an output directory.
  3. ssh ilab1xx
  4. singularity shell -B /adapt/nobackup/people,/css,/nfs4m,/tmp,/adapt/nobackup/projects/dem/ /adapt/nobackup/people/iluser/ilab\_containers/dev/evhr\_gdal-3.3.3.sif
  5. Set your PYTHONPATH to point to your core and evhr repositories.
  6. evhr/view/demCreatorCLV.py -o <path-to-output-directory> -e -148 65 -147.5 64.5 4326

## Command to invoke container and run application.

* 1. So far, this is unneeded.

## Expected Results

* 1. There will be a lot of terminal output.
  2. In your output directory, you will see 5 subdirectories: 1-bands, 2-strips, 3-dems, 4-orthos, 5-toas. These will fill with files as EVHR runs. The main output is the set of files in 5-toas.
  3. 1-bands contains TIF image files and their XML counterparts.
  4. 2-strips contains TIF band files and their XML and IMD counterparts.
  5. 3-dems contains files named dem-\*.tif.
  6. 4-orthos contains files named \*-ortho.tif and their XML counterparts.
  7. 5-toas contains files named \*-toa.tif and their XML counterparts.