Innovation Lab Application Test - Simple Classifier Validator

## Command to run within the container.

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

* 1. modis\_water/view/SimpleClassifierValidatorCLV.py -d /att/nobackup/rlgill/SystemTesting/modis-water/ -w /att/nobackup/rlgill/SystemTesting/modis-water/Terra.Water.2019161.h09v05.bin

## Command to invoke container and run application.



## Expected Results

* 1. The values in the output depend upon the input data fed to Simple Classifier. Generally, there should be a high percentage of matches reported.
  2. Sample output:

vi = [[1 1 1 ... 0 0 0]

[1 1 1 ... 0 0 0]

[0 0 0 ... 0 0 0]

...

[0 0 0 ... 0 0 0]

[0 0 0 ... 0 0 0]

[0 0 0 ... 0 0 0]]

total = [[1. 1. 1. ... 0. 0. 0.]

[1. 1. 1. ... 0. 0. 0.]

[0. 0. 0. ... 0. 0. 0.]

...

[0. 0. 0. ... 0. 0. 0.]

[0. 0. 0. ... 0. 0. 0.]

[0. 0. 0. ... 0. 0. 0.]]

Matches: 22918971

Non-zero matches: 556024

Zero matches: 22362947

Non-zero values: 641393

Non-zero values in validation image: 629553

Water valid: False