NWCSAF2ADAGUG

Quick start Quide

Converter

Step 1:

Install ADAGUC under a user,

following:

https://dev.knmi.nl/projects/adagucserver/wiki/Install_Adaguc_on_Ubuntu

Step 2:

loged under the same user

Copy the folder NWCSAF2ADAGUC

in

<path_to_NWCSAF2ADAGUC>

install the needed python3 modules

Step 3:

Locate where will be located your nwcsaf files:

<path_to_nwcsaf_output>

Step 4:

edit the *.conf files

TM.conf, rdt.conf, pixel.conf, hrw.conf, with:

& PATH & inDir = **<path_to_nwcsaf_output>**

& PATH & outDir = /data/adaguc-autowms

& PATH & tempDir =

<path_to_NWCSAF2ADAGUC>/NWCSAF2ADAGUC/subdir/temp

in pixel.conf, hrw.conf set:

#& XML & UPDATE = false

& XML & UPDATE = true

Step 5: Launch

python3 NWCSAF2ADAGUCTMVFS.py

Step 6: fill your inDir:

Only the files added to inDir after launching NWCSAF2ADAGUCTMVFS.py will be processed

Step 7:

Check if your adaguc-autowms and adaguc-dataset is being populated & try to update a layer following (CTTH.xml could be replaced):

```
export ADAGUC_TMP=/tmp

export ADAGUC_PATH=/src/KNMI/adaguc-server/

/src/KNMI/adaguc-server/bin/adagucserver --updatedb --config /src/KNMI/adaguc-server/data/config/adaguc.vm.xml,CTTH.xml
```

Quick start Quide Renderer

Test 1:

Recheck is your adaguc-autowms and adaguc-dataset is being populated

Test 2:

Checking TM.conf.

In each line as:

& XML & CMA = ['CMA.xml']

& XML	& CMA	'CMA.xml'
Is present?	data/adaguc-autowms/CMA subdir exists?	data/adaguc-datasets/CMA.xml file exists?

Logic: In the precedent example the second item “CMA” represents an autowms subdir, the third element represents wich XMLs will be applied to the files under this subir

Do the previous test for each line begining with & XML

if not passed comment the line with # as in:

#& XML & CMA = ['CMA.xml']

Test 3: in a terminal run

~ export NWCSAF2ADAGUC_PATH=**<path_to_NWCSAF2ADAGUC>**

~ python3 updater.py

With normal exit do step 1

With erroneous exit remove the file “blocked.by.dbupdt” and debug

Step 1:

Edit updater.sh to:

```
#! /bin/bash
export NWCSAF2ADAGUC_PATH=<path_to_NWCSAF2ADAGUC>
python3 <path_to_NWCSAF2ADAGUC>/updater.py
```

And launch the script updater.sh by cron (1 minute interval)

I need to stop TM:

Rename the file **TM.howTo.stop** to **TM.stop**

The files are produced, but updater.py doesn't render:

- Check if you have more than one UPDATER launched
- Stop your cron and kill all the UPDATER.sh and python3 updater.py processes
- Remove the file "blocked.by.dbupdt" (the file could be in your home dir or in the application dir).
- Start the cron.

All seems normal but the files are not produced finally

- Stop TM & stop the updater, delete all the content in adaguc-autowms.
- Run TM
- Start the cron.