This folder contains two sets of tools, one for automatically downloading data from CODA, and one for automatically downloading data from the CMEMS portal. There are notes on each below:

CODA downloader:

1. Supported on Linux and OSx systems **ONLY**.
2. Requires a EUMETSAT EO-portal account: <https://coda.eumetsat.int/#/home>
3. Can be used to download any Sentinel-3 marine data held on CODA.
4. Can be adapted to download any Sentinel-3 data held on the CODA-reprocessing portal, as well as any Sentinel-2 and Sentinel-1 data held on the ESA Sentinel online portal.

CMEMS downloader:

1. Supported on all operating systems, but **ONLY** for python 2.7
2. Requires a CMEMS portal account: <http://marine.copernicus.eu/>
3. Can be used to download any EO data from the CMEMS portal.
4. Can be adapted to facilitate download of any CMEMS product.
5. Requires python motu-client.
6. Instructions for adapting the code to construct your own CMEMS queries can be found here: <http://marine.copernicus.eu/services-portfolio/technical-faq/#1> (See section 14).
7. All options are currently passed to the downloader using the .cfg file.

Universal Sentinel Downloader

1. Supports all operating systems, providing you have a python environment.
2. This is **command line python**, you can run it from your **conda** prompt.
3. To run this, use:
   1. **Python** Universal\_Sentinel\_Downloader.py -p <YOUR PASSWORD> -n <YOUR USERNAME> -i 50.0,-10.0:51.0,-9.0 -l Sentinel-3 -x OL\_2\_WFR\* -u 'https://coda.eumetsat.int/'
4. Check Test\_Universal\_Downloader.run for more examples or run python Universal\_Sentinel\_Downloader.py --help
5. It will allow you to download any sentinel data (1/2/3; both marine & land) from both EUMETSAT and ESA.