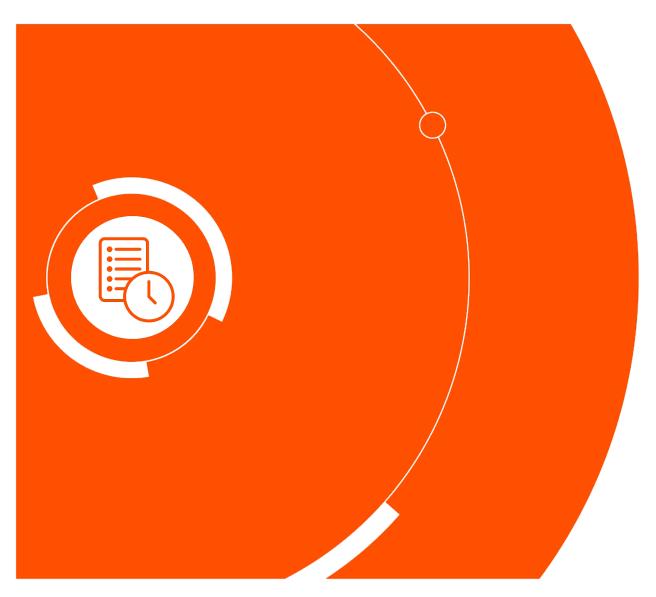


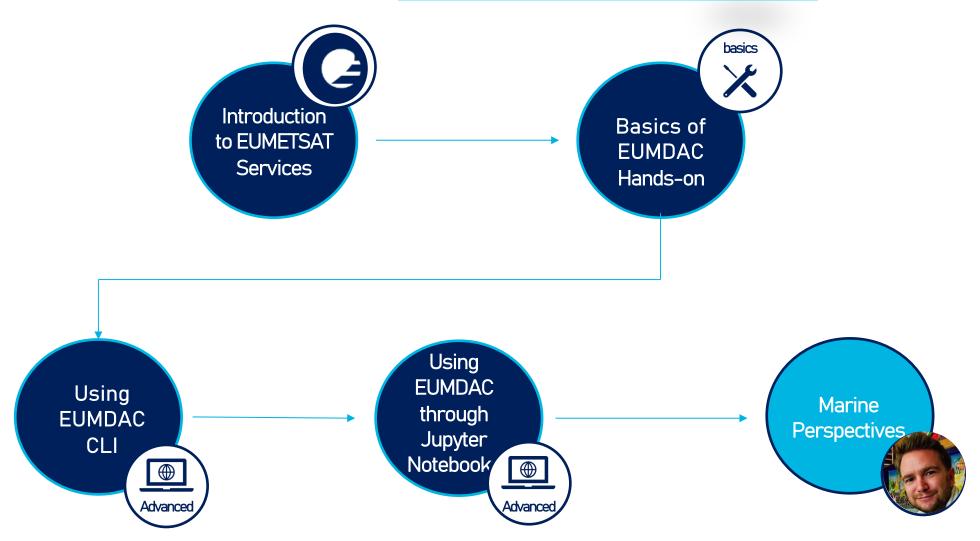
www.eumetsat.int



EUMETSAT Pull Data Access Services

- This course
- EUMDAC summary
- Demonstration
- Hands-on session

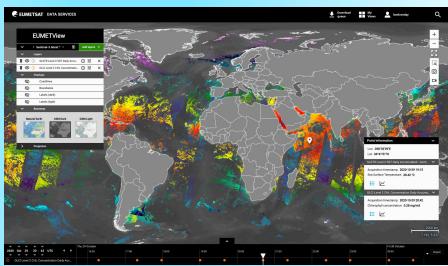




EUMETSAT Pull Data Access Services

EUMETView





https://view.eumetsat.int/



Data Tailor

www.eumetsat.int



https://tailor.eumetsat.int/



www.eumetsat.int



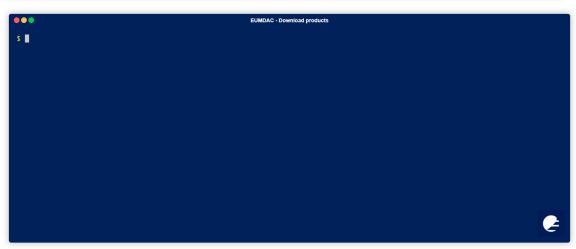
EUMDAC is the **EUMETSAT** Data Access Client. It provides simple access to the EUMETSAT data from a variety of satellite missions. As a Python library, it comes with many methods and helpers to use EUMETSATs APIs and services, like Data Store and Data Tailor. It also provides a variety of useful command-line utilities for data search, download and processing.

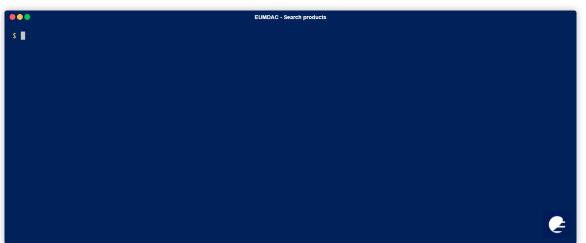


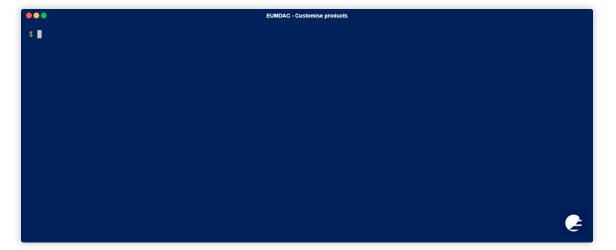














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STEP 1: Open the guide on a new window

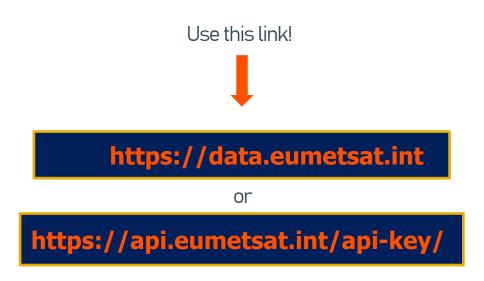


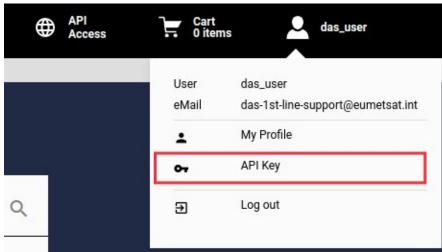
https://user.eumetsat.int/resources/user-guides/introductory-data-store-user-guide

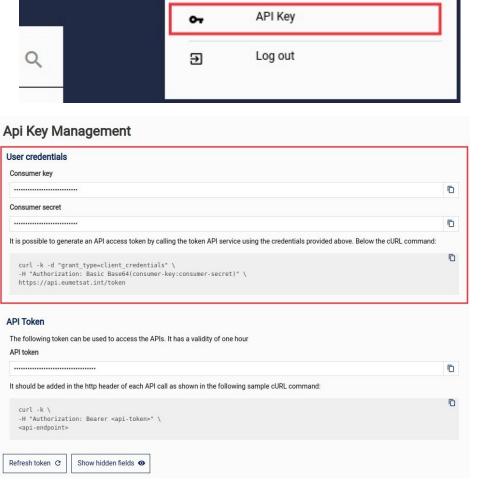




STEP 2: Get your Consumer key and Secret key









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STEP 3: Open your terminal and add your credentials as shown

eumdac --set-credentials <ConsumerKey>
<ConsumerSecret>



1.In Windows Search, search for anaconda prompt and select Windows Terminal from the search results.



2.In Mac OS press Command + space and search for terminal



3.On Linux, search for Terminal.





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STEP 4: Use EUMDAC to describe the collections to find your collection ID

Remember, save your IDs on a notepad, so you don't risk to lose them!



This is how a collection ID looks like

Collection: EO:EUM:DAT:METOP:OSI-104

10



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STEP 5: Within the collection search for your product by adding starting time, ending time and area of interest

This is how a command will look like.

Command: eumdac search -c EO:EUM:DAT:METOP:OSI-104 -s 2012-12-21 -e 2012-12-22 --bbox 51.28 51.69 0.51 0.33





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STEP 6: You are now ready to start your download!

All you need to do is using this command:

eumdac download -c <your collection ID> -p <Your product ID>



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STEP 7: Now we are going to use the Data Tailor

Let's first think about a chain of customisation we want to do. The below command will tailor and download the specified product. For example, I want Geotiff format and reprojection:

eumdac download -c EO:EUM:DAT:MSG:HRSEVIRI -p MSG4-SEVI-MSG15-0100-NA-20220304101243.253000000Z-NA --tailor "product: HRSEVIRI, format: geotiff, projection: geographic"



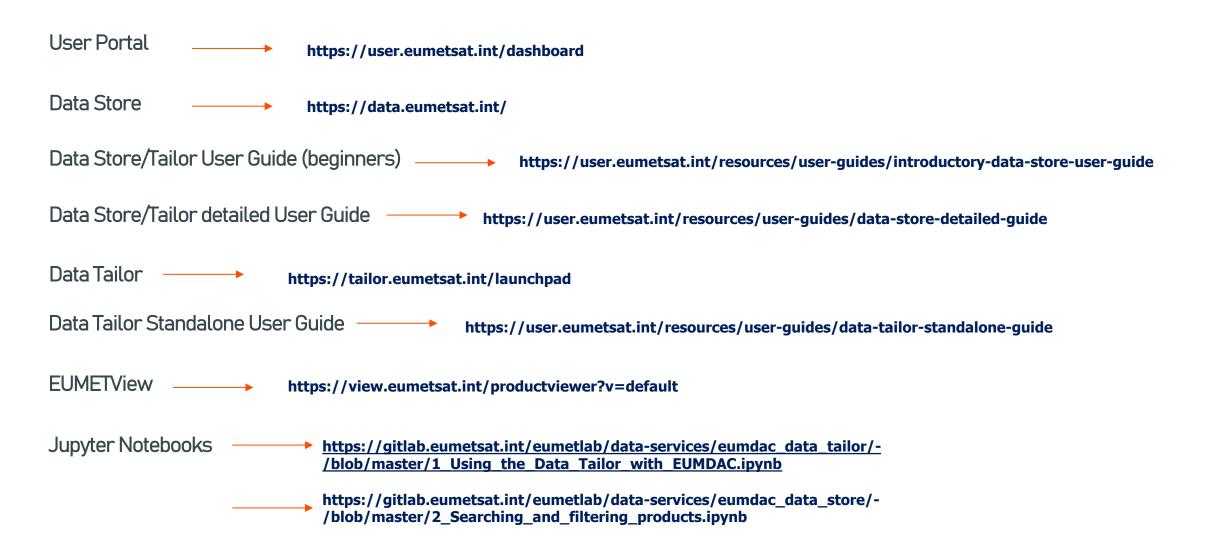
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You are all set!

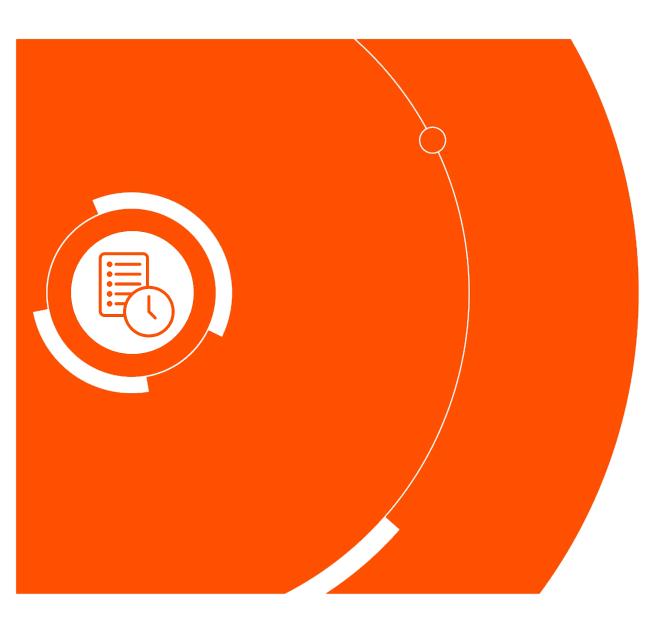
Well Done!!

Important links





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Thank you!!