EarthCARE MAAP

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https://portal.maap.eo.esa.int

NO DOWNLOAD QUOTA

EarthCARE scripted data access in a nutshell

EO science data available and easily accessible in the cloud:

- → Earth Explorer Missions
- → Third Party Missions
- → Heritage Missions

STAC SOPENAPI SOPENS



collections and granule metadata

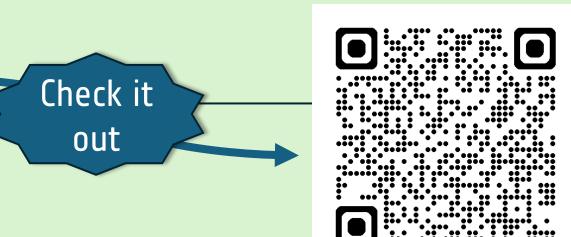
- · Download a single file within a product
- · Read/Stream product content instead of downloading

ESA MAAP Catalogue: central repository for managing

· Token-based authentication/authorization

Unpacked products in object storage

ESA MAAP Explorer: Graphical user interface for exploring and finding data

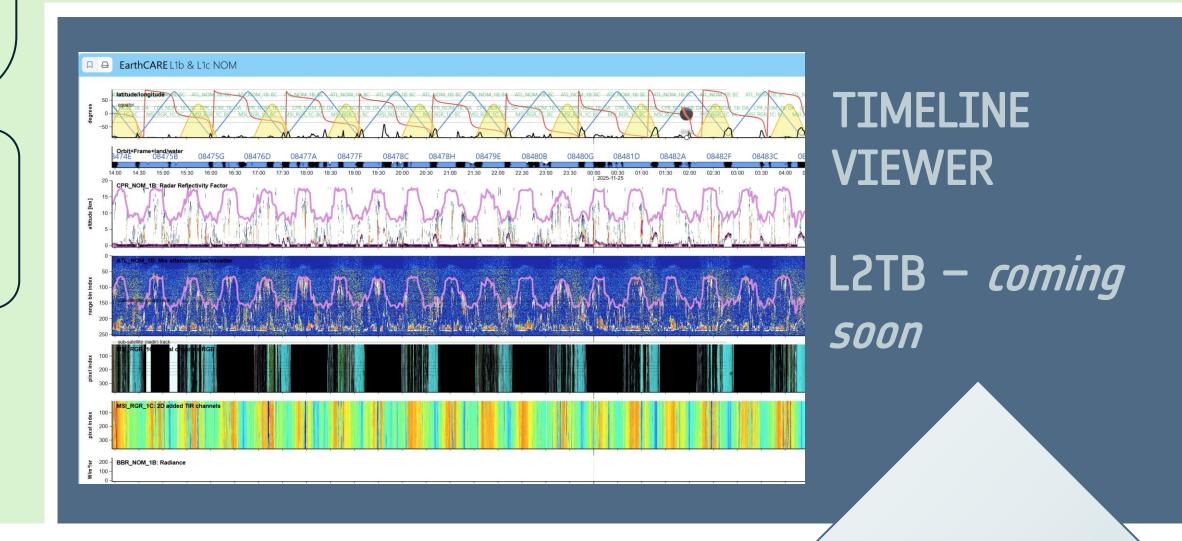


Ping ESA MAAP Catalogue Example script Select collections (one or more) Build a search query

Pass your token

Retrieve product URLs

-> Stream or download EarthCARE Products



Advanced Data

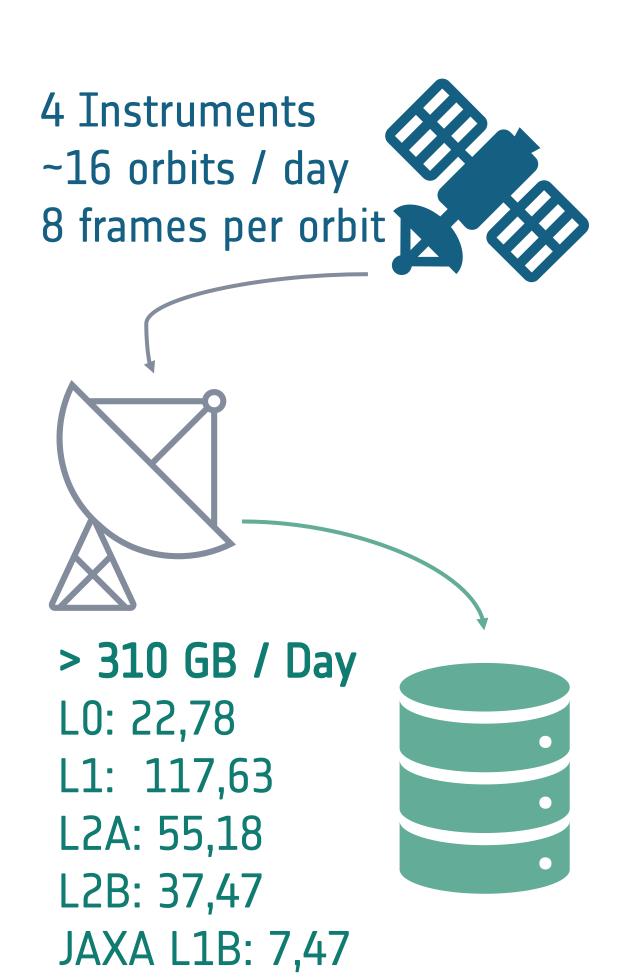
Access

ESA MAAP

DATA DISSEMINATION

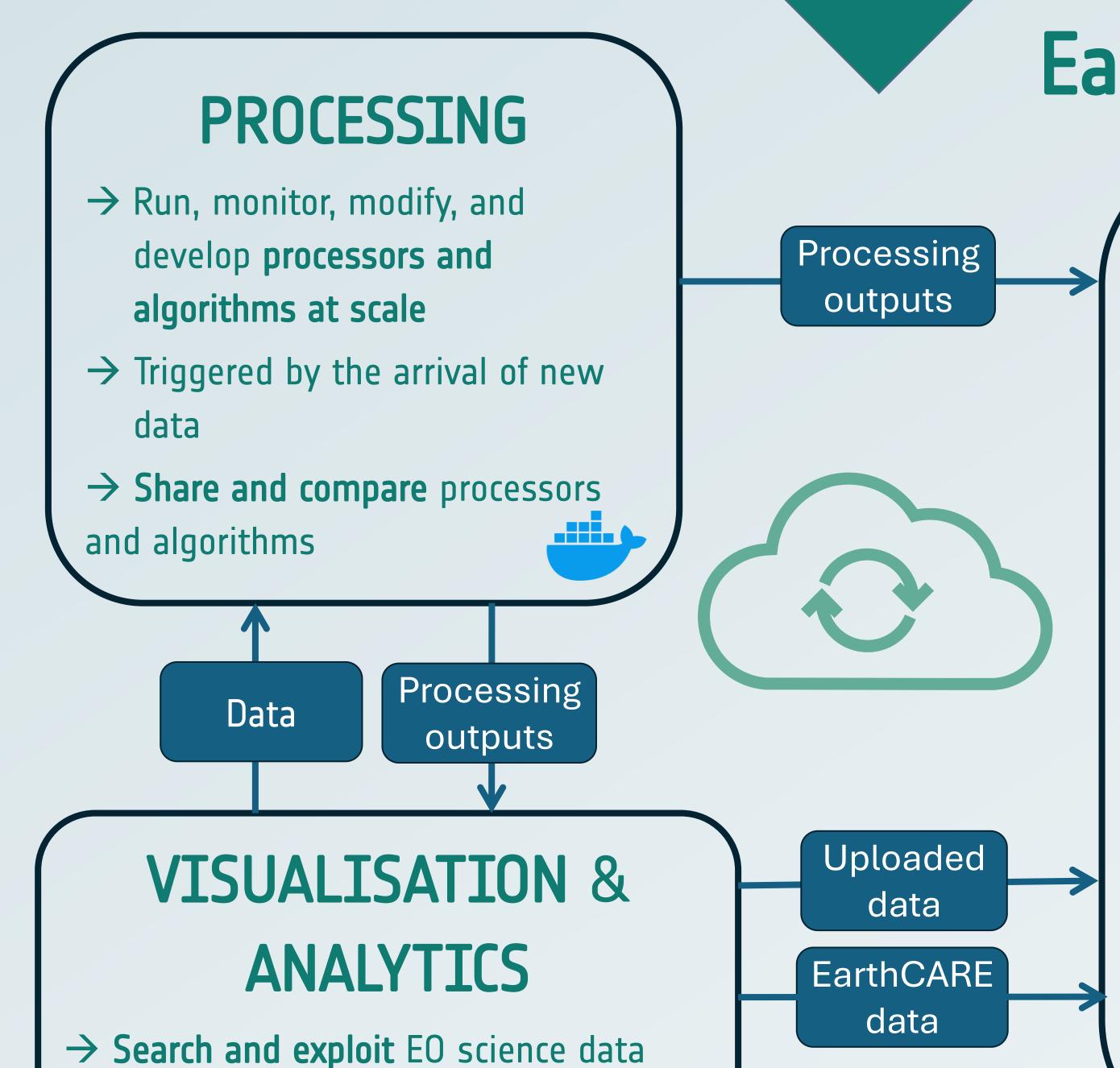
COLLABORATION

external TOOL DEPLOYMENT near the data



Work near the data JOIN ESA MAAP

XMET: 69,71



→ Visualise uploaded and processed data

EarthCARE MAAP

CODING

- → JupyterLab for coding, testing, validating
- → **Ectools** preinstalled
- > Conda and venv environment management
- → Shared storage options for collaborative development





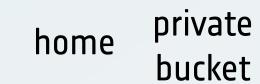












bucket storage

Next ESA MAAP Webinar – Q1 2026