

# VIRTUAL PLATFORM IN SUPPORT OF SPACE APPLICATIONS

The **Virtual Platform** in support of the **eDrift** services allows seamless access to:

- EO Datasets
- Various applications to process EO data
- Cloud and HPC computation capabilities

The Platform is **a Virtual Link to the Space Segment** enabling satellite data processing and dissemination as well as implementation of new algorithm by EO experts.

The services of the Virtual platform can be integrated in **existing Clients and Platforms** according to stakeholder needs

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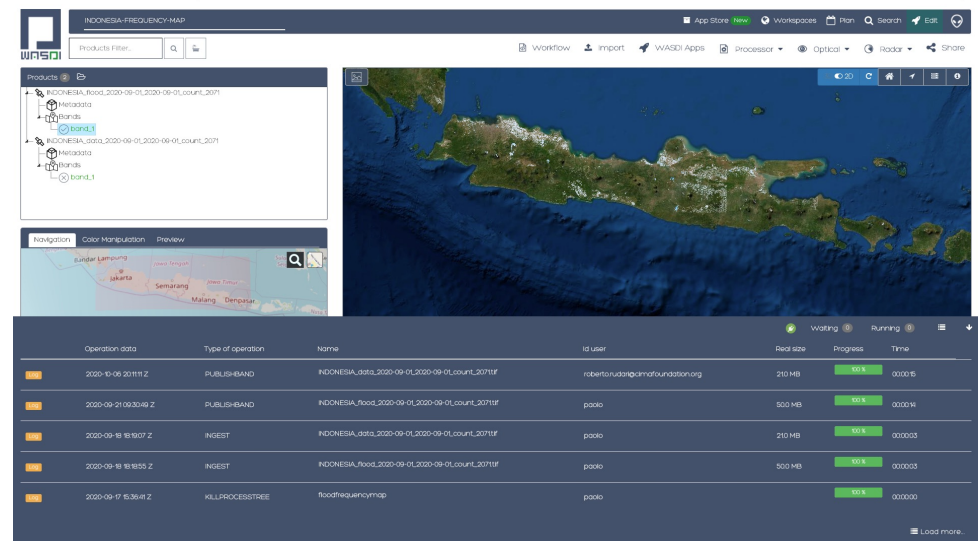
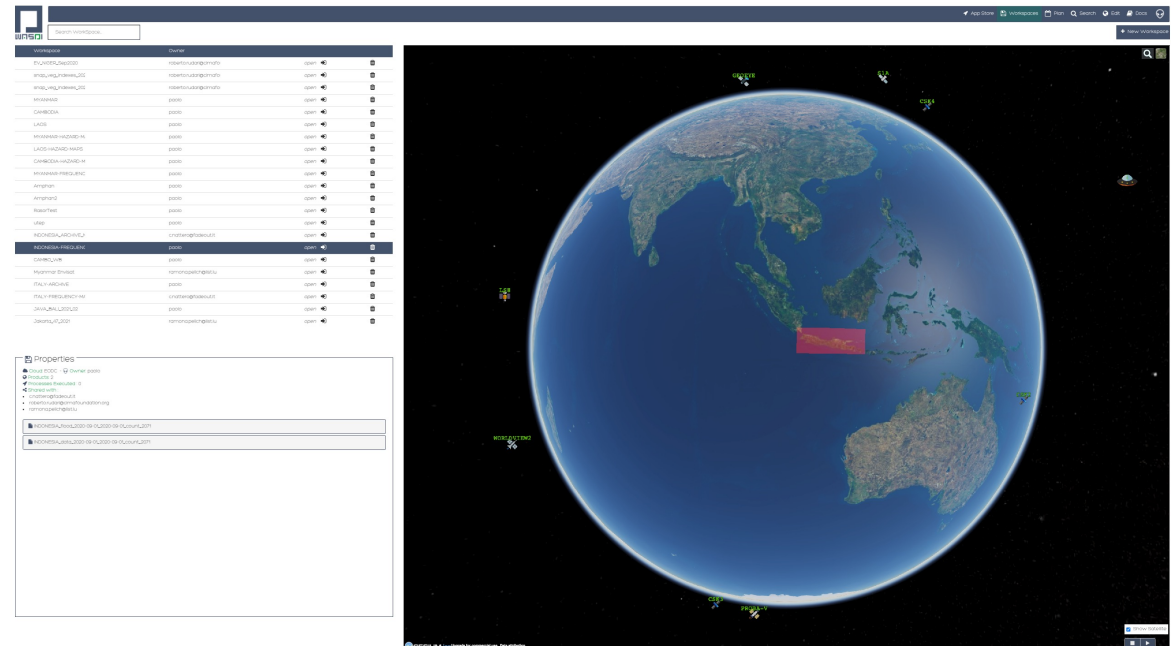
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Web Advanced Space Developer Interface



E-DRIFT

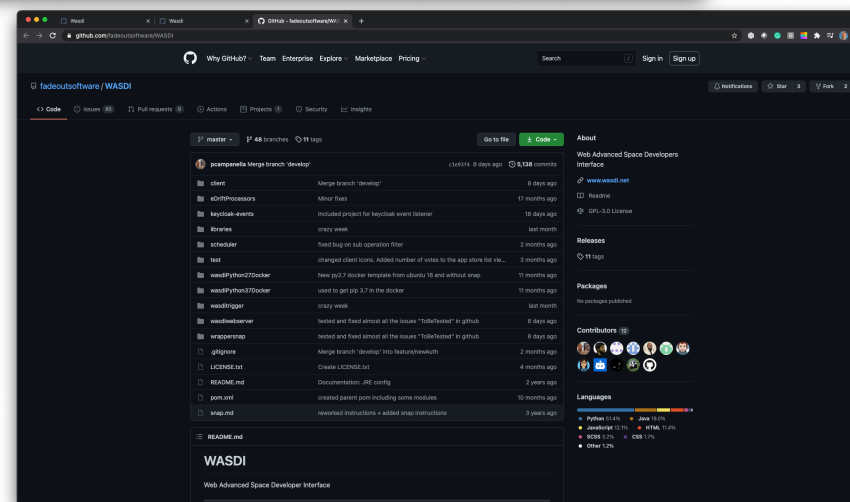
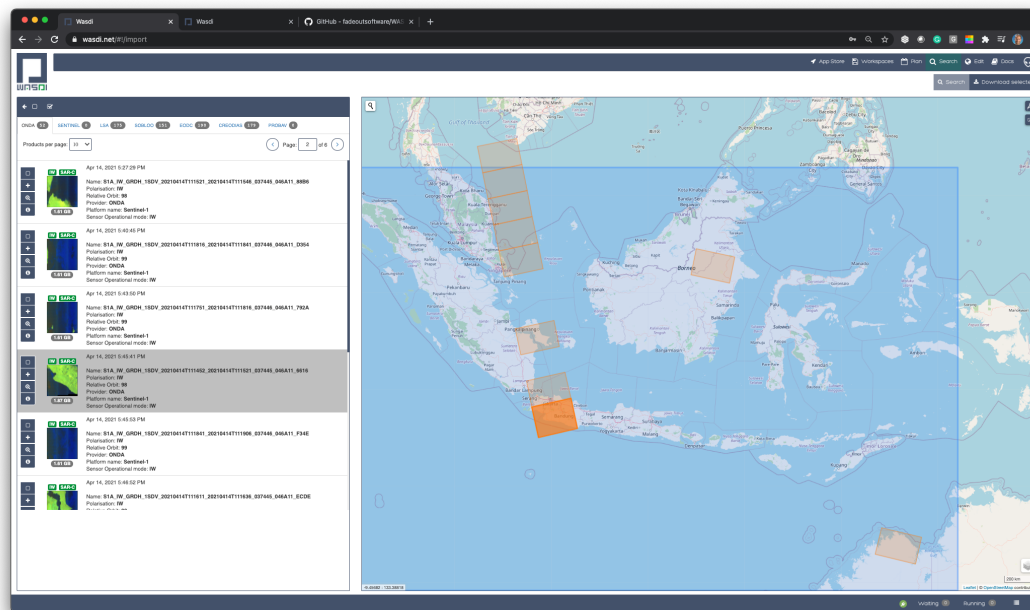


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## FUNCTIONALITIES

- Multi DIAS and multi Cloud management transparent for the user
- Open Source - PaaS
- EO online Tools (e.g., SNAP, Workflow, Planning, web-GIS)
- User Supplied applications
- Market Place
- Online coding (Python/JS)
- Desktop coding (Python, Java, IDL, Matlab, Octave)
- Specialized services available (e.g. eDrift Services)
- M2M connection with Client applications

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