



EOSC EU Node Interactive Notebooks

A shared space for coding and analysis

EOSC EU **NODE**

open-science-cloud.ec.europa.eu

WHO IS IT FOR

Researchers, EU-Funded Research
Projects, Research Performing
Organisations, Research Infrastructures

EOSC EU Node Interactive Notebooks

A shared space for coding and analysis

The EOSC Interactive Notebooks service offers a cloud-based platform for creating, running, and sharing live, code-enabled documents with Jupyter. It supports collaborative analysis and visualisation, promoting reproducible, FAIR-aligned research across disciplines.

KEY FEATURES

Store your work persistently*

Customise notebook environments

Share notebooks securely
and control access

Connect easily with other EOSC services

Run code in multiple languages

*persistent during experimentation time

BENEFITS



European-hosted for data
sovereignty & trust



Enables cross-border &
Interdisciplinary collaboration



Supports Open Science
mandates



Easy onboarding & user
management



Available via your virtual credits

Cloud-Based Infrastructure: Interactive Notebooks is built on a scalable cloud infrastructure that supports interactive, real-time code execution and collaboration.

High Availability: Engineered for near 24/7 use, the service employs resource credit management to ensure continuous access.

Real-Time Performance: Auto-save and live collaboration features ensure seamless updates and a reliable computing environment, with only minimal disruptions during scheduled maintenance.

USE CASES

Used by biomedical researchers for processing, visualising, and modeling genomic data to predict disease outcomes.

Adopted by university data science departments to enable cloud-based Jupyter environments for real-time economic trend analysis without local installations.

Employed by AI engineers for training and fine-tuning computer vision models on cloud GPUs via Jupyter Notebooks to overcome local hardware constraints.

Implemented by research institutes collaborating on EU-funded projects for shared analysis of climate change simulations in a unified Jupyter environment.

SERVICE PROVIDER

The Interactive Notebooks service is provided by the **Czech Education and Scientific NETWORK (CESNET)**.

As an integral component of the **EOSC Federation**, this service seamlessly integrates with other EOSC services, supporting interoperable, pan-European research infrastructures.

GETTING STARTED

01

Visit: EOSC EU Node Platform at open-science-cloud.ec.europa.eu



02

Authenticate: Sign in using your institutional credentials, or EU or eIDAS login.

03

Ready to use: From your dashboard, locate the Interactive Notebooks service, click "Get Access," and select your desired computing environment (Small, Medium, or Large).

Must be affiliated as faculty, employee or staff with eduGAIN or eIDAS credentials.



**EOSC EU NODE
HELPDESK**
open-science-cloud.ec.europa.eu/support/helpdesk



DOCUMENTATION
open-science-cloud.ec.europa.eu/services/interactive-notebooks#documentation



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