

Reproducible Open Data analysis with Binder and DataHub

Tuesday, 3 November 2020 15:00 (15 minutes)

In recent years, the vision of Open Science has emerged as a new paradigm for transparent, data-driven science capable of accelerating competitiveness and innovation. Notebooks can support Open Science as they are documents that allow to easily share concepts, ideas and working applications, capturing the full analytical methodology, connections to data and descriptive text to interpret those data. In this demo we showcase how EGI can support the execution of reproducible analysis using the EGI DataHub as an Open Data store and the EGI Notebooks as a platform for executing and reproducing Jupyter-based notebooks and how these can be easily shared in Zenodo, an open access repository for research publications, scientific data and other 'research objects'.

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Session Classification: Demos 6