WP5 - ESAP

SAPs and Services

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ASTRON, The Netherlands

ESCAPE WP5 Use Case Requirements workshop, 16-17 April 2019

ESCAPE - The European Science Cluster of Astronomy & Particle Physics ESFRI Research Infrastructures has received funding from the European Union's Horizon 2020 research and innovation programme under the Grant Agreement n° 824064.

Science Analysis Platform

- Also called:
  - Science Gateway
  - VRE (Virtual Research Environment)
  - Virtual Laboratory
- Meetings and communities
  - IWSG (International Workshop on Science Gateways)
  - SGCI (Science Gateways Community Institute)
- Tools for building Science Gateways
  - HubZero (https://hubzero.org)
  - Agave API (https://agaveapi.co)

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What is a science gateway?

science gateway /sī′ əns gāt′ wā′/ *n.*

1. an online community space for science and engineering research and education.
2. a Web-based resource for accessing data, software, computing services, and equipment specific to the needs of a science or engineering discipline.

Science Gateways

Source: https://slideplayer.com/slide/11945671/

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Source: https://twitter.com/hubzeroplatform/status/793878889835601921

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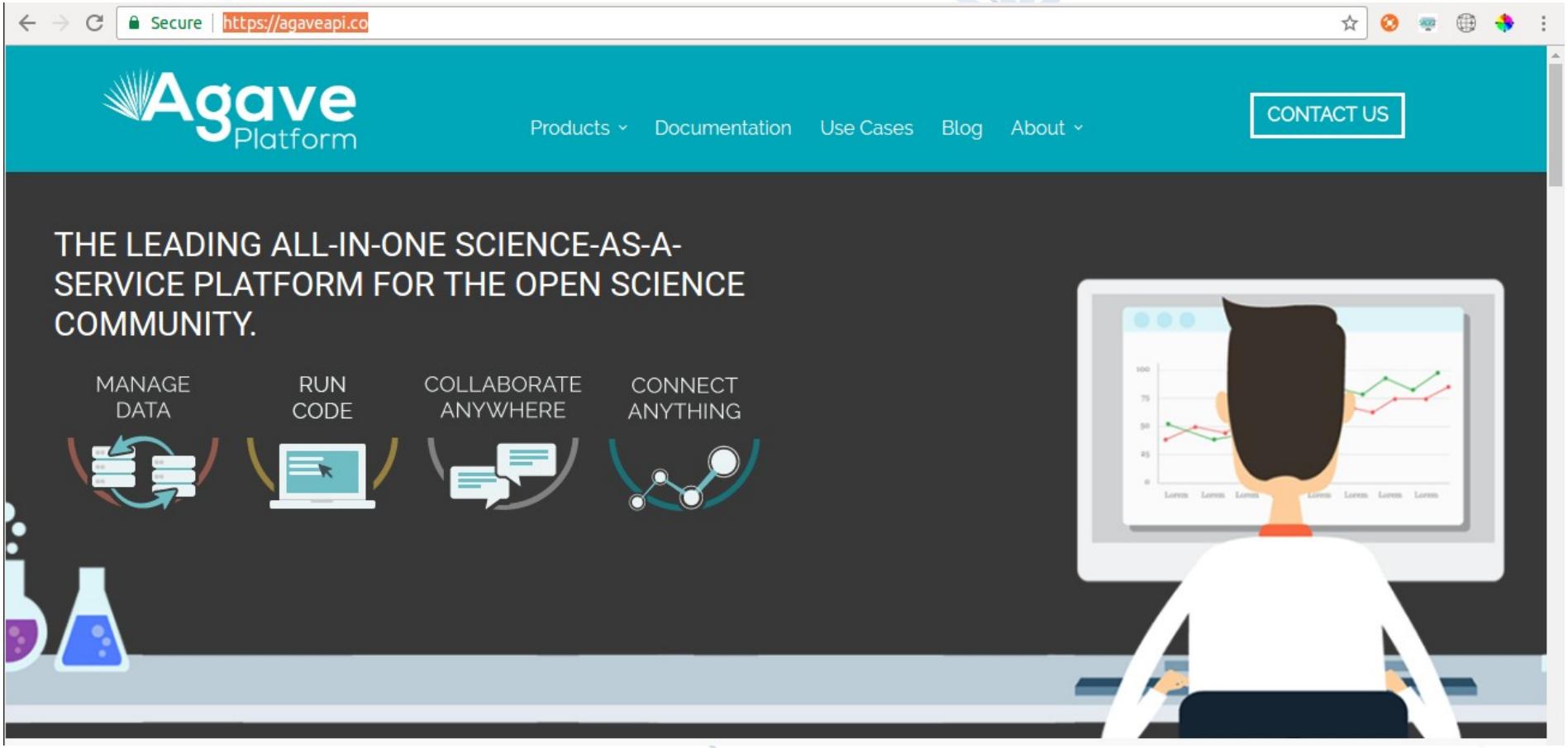

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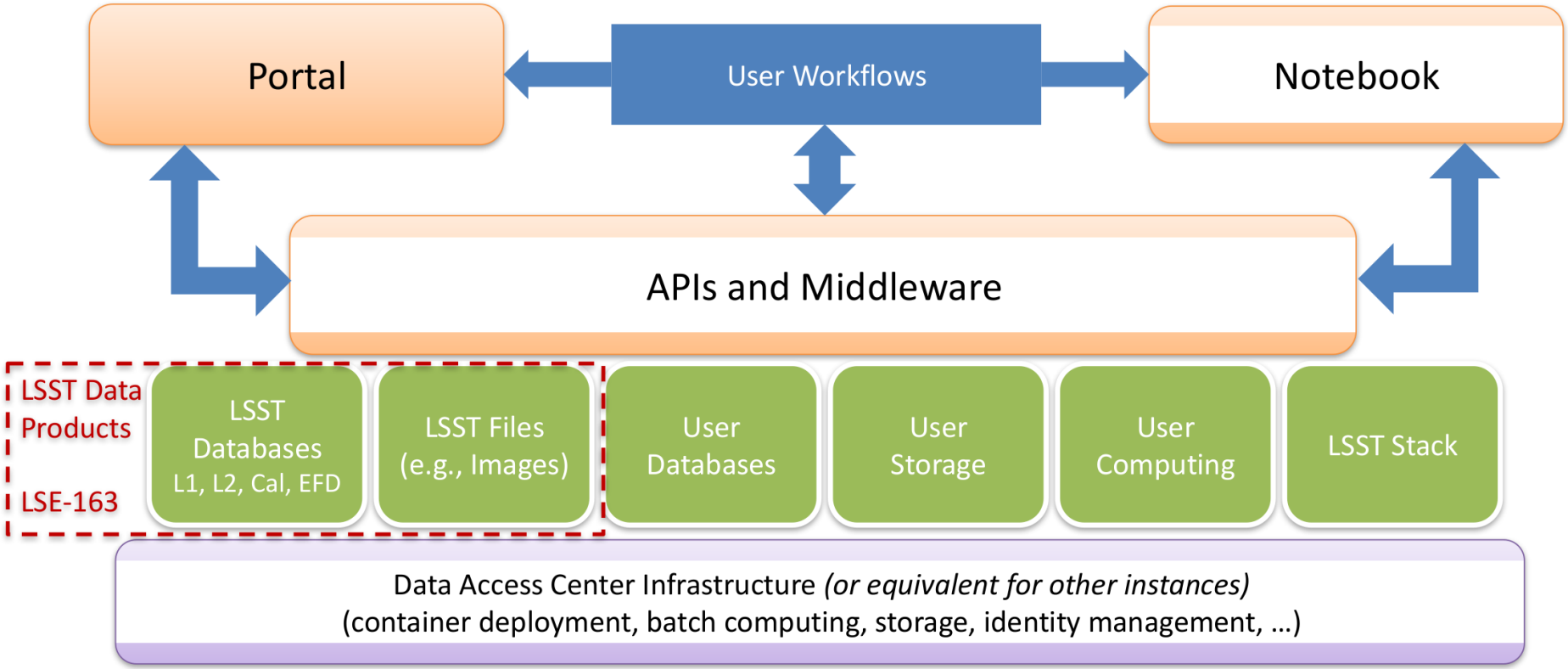
LSST Science Analysis Platform



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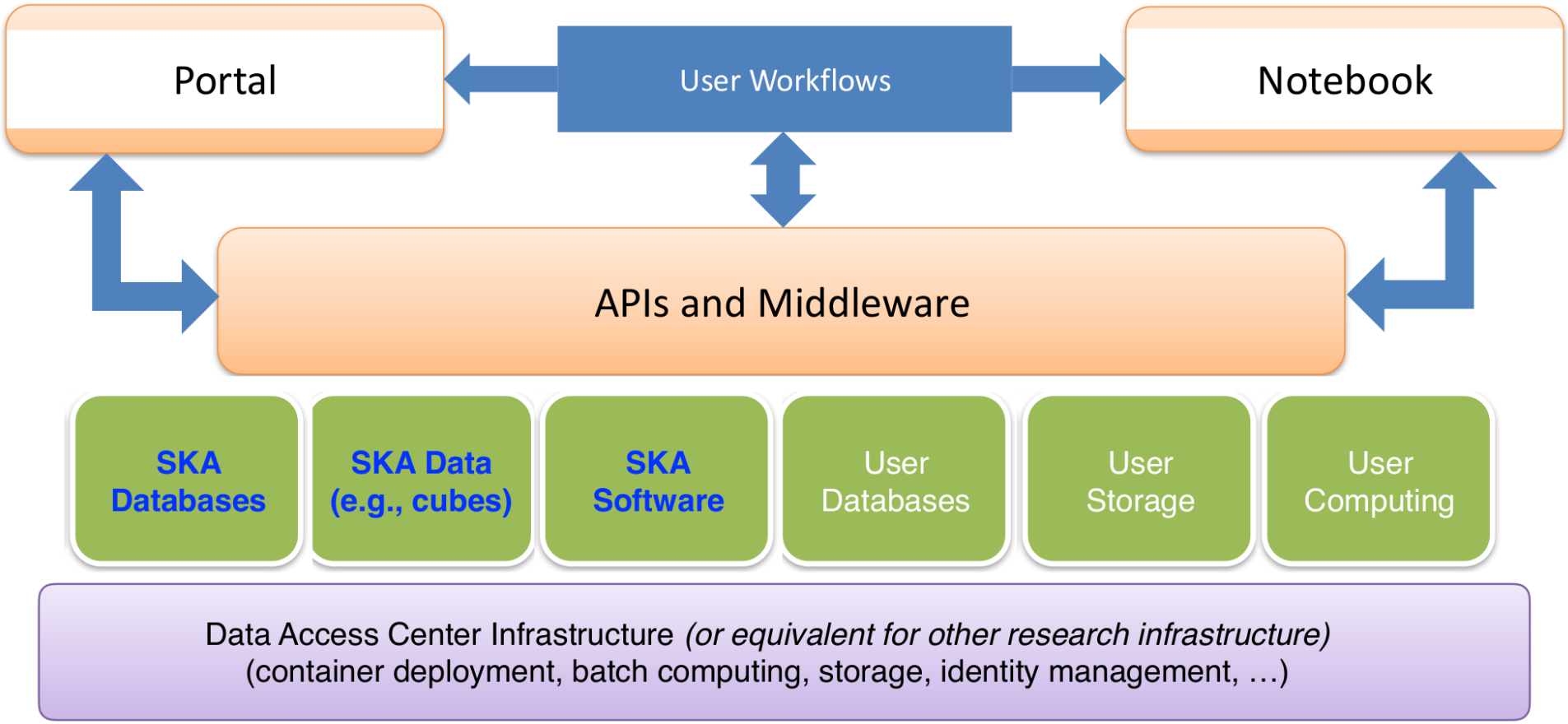
SKA Science Analysis Platform



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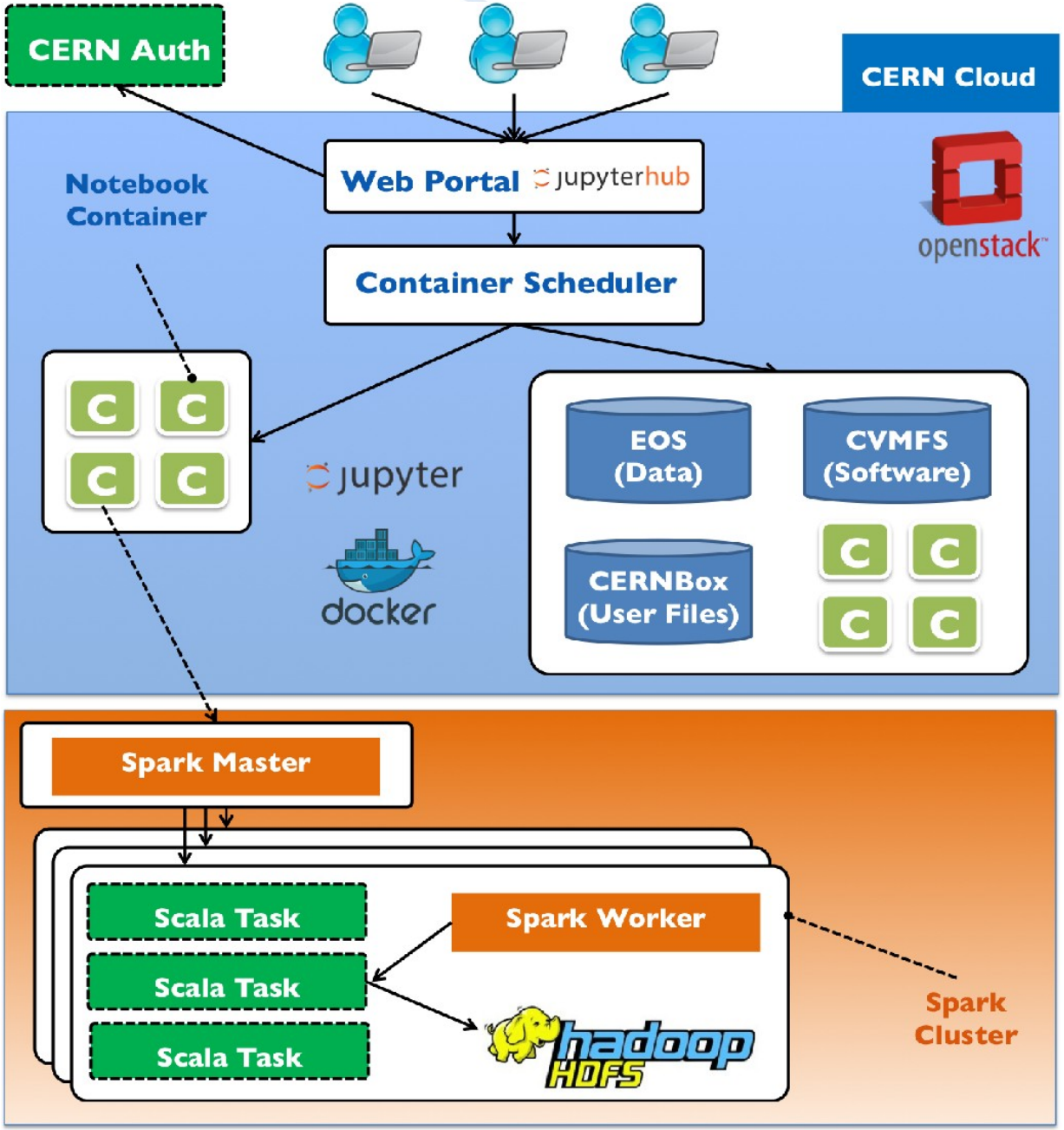

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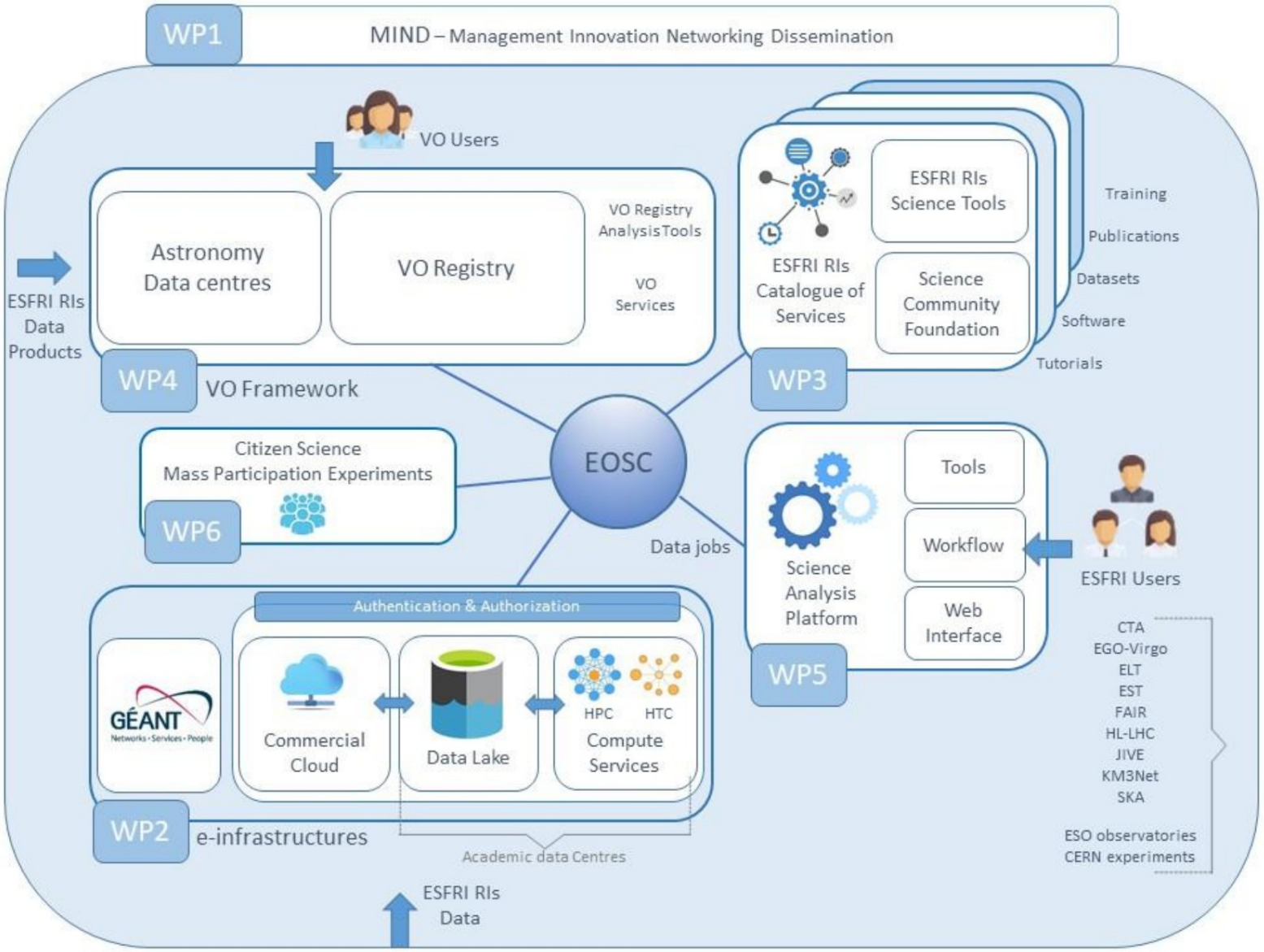

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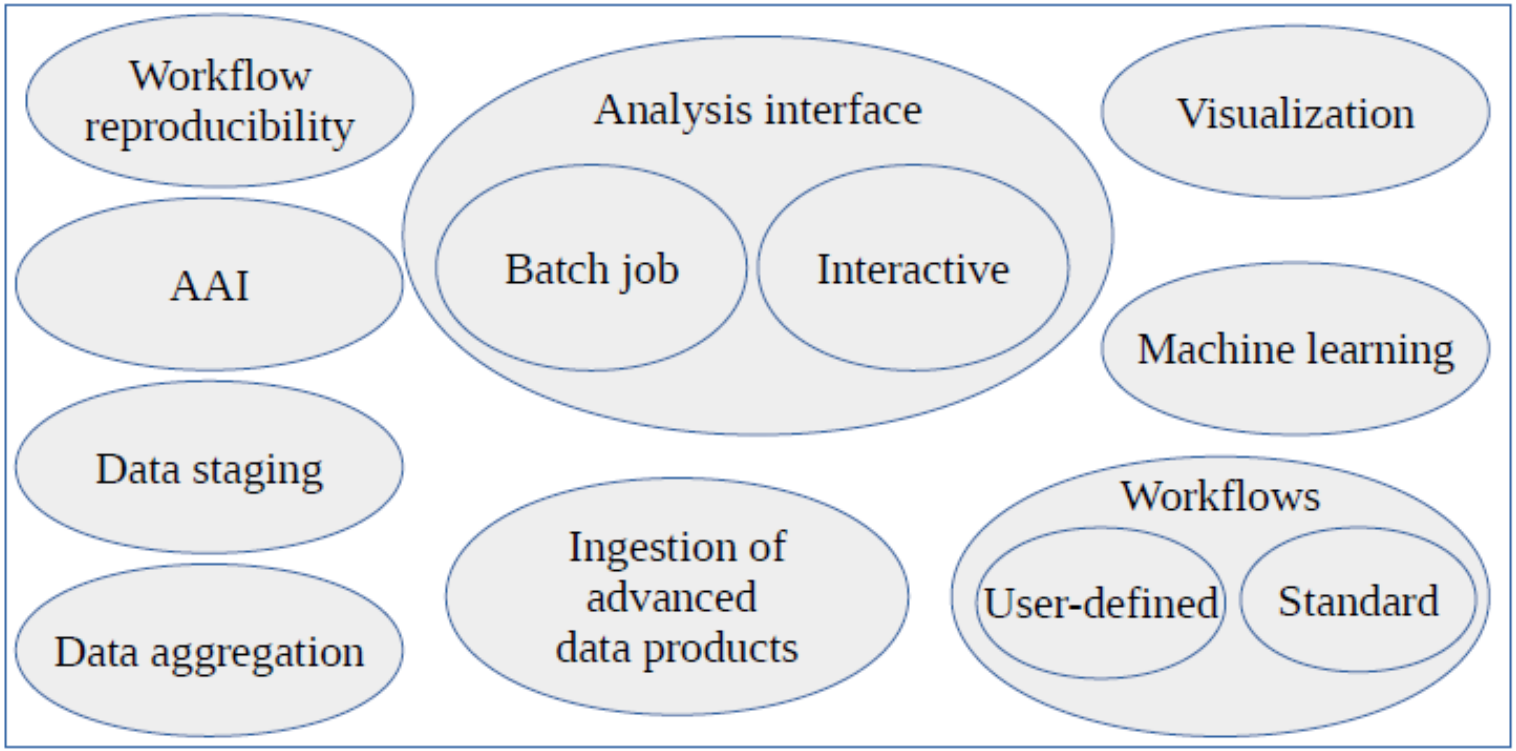
ESAP Services



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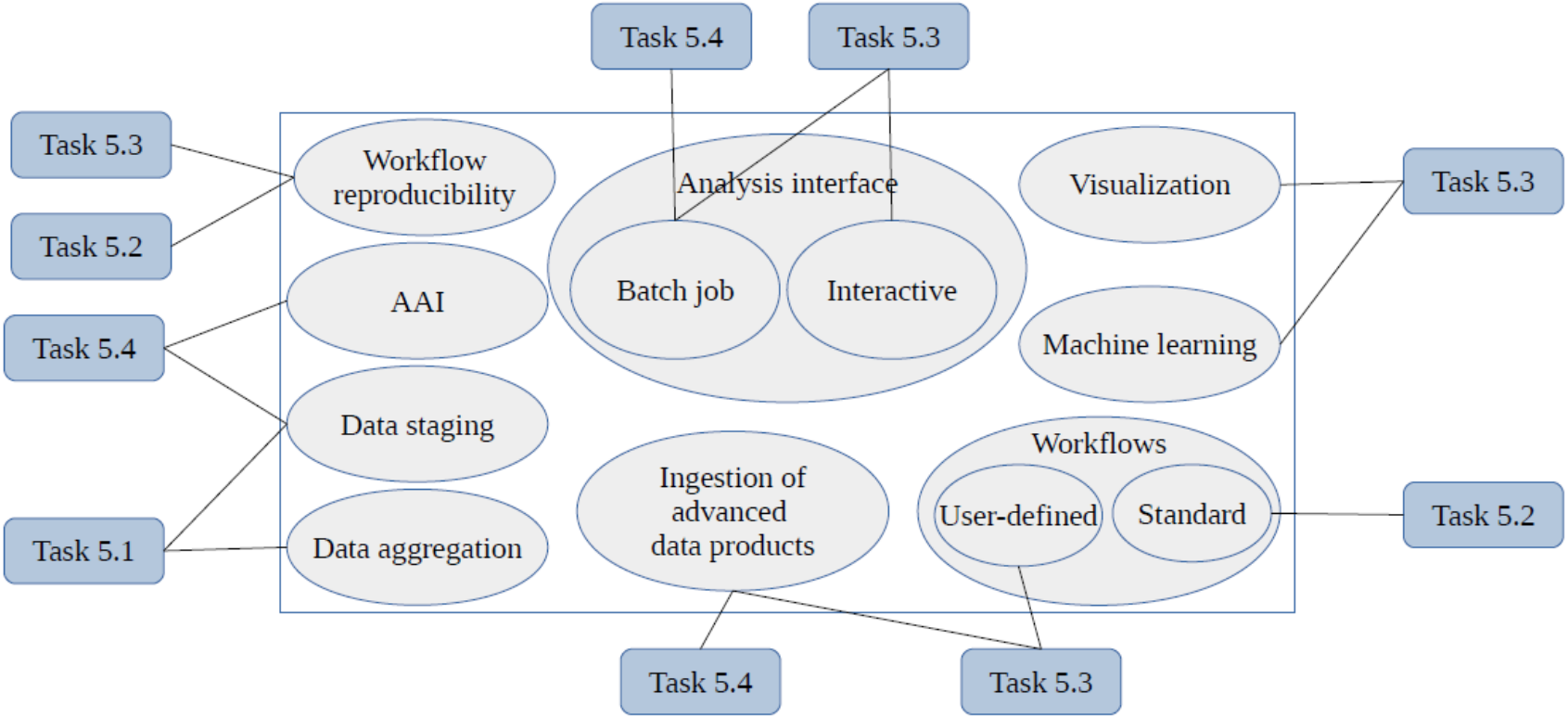
ESAP Tasks and Services



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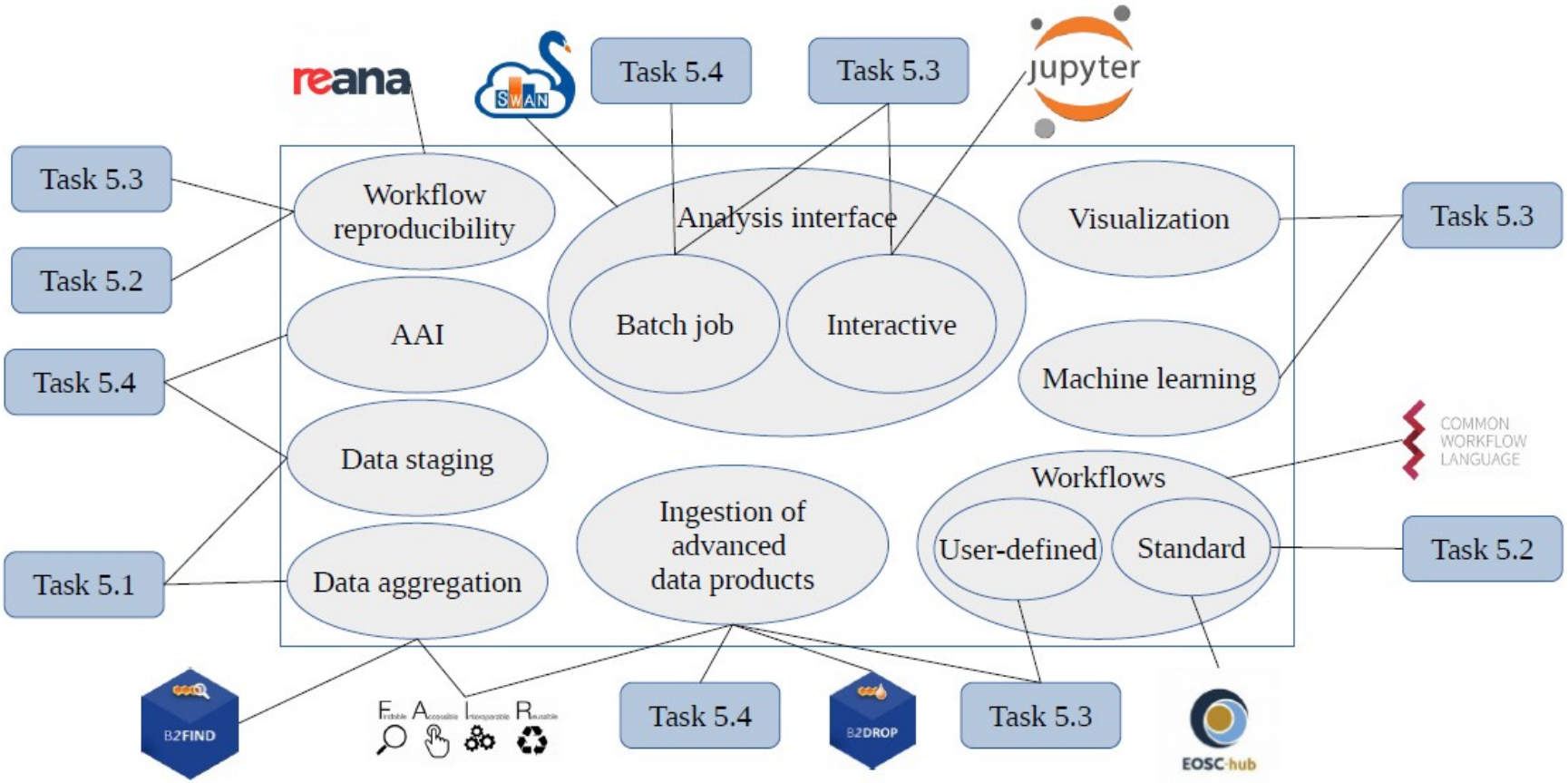
Related tools/projects



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Interactive Analysis Interface & Visualization

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Workflow Management

COMMON
WORKFLOW
LANGUAGE

Pegasus

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Thank you !