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EOSC Portal

New value for researchers
Examples of interoperable components

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Architecture of the EOSC Recommender

- Interoperable components
- Federated implementation
- Planned for growth
- Integration at different levels:
  - Source
  - Recommender
  - Client
EOSC RS integration of a new source

Initial integration
● Access to data for the Search service
● Send events to the Databus

Options
● Direct access to data by the Preprocessor
● Provide the incremental changes via the Databus
EOSC RS Integration of new recommender engine

Data reading directly from DB:
- Feature DB + recommender cache
- Marketplace MongoDB

Delivery through the Façade
- Standard API
- Special end-point

Own delivery
EOSC RS Integration of a new client

Integration though the Façade

- One of the three existing end-points
- Special end-point

Integration through the Search service is possible as well
Conclusions

“Weeks of planning can cost you several saved months of coding”

- Integration options are not limited to the listed - modular architecture allows for flexibility.
- Standard interfaces and data formats will be published when they stabilize.
- Collaborative environment for current and future partners
Thank you!

Any questions?