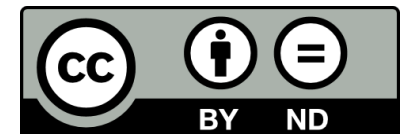
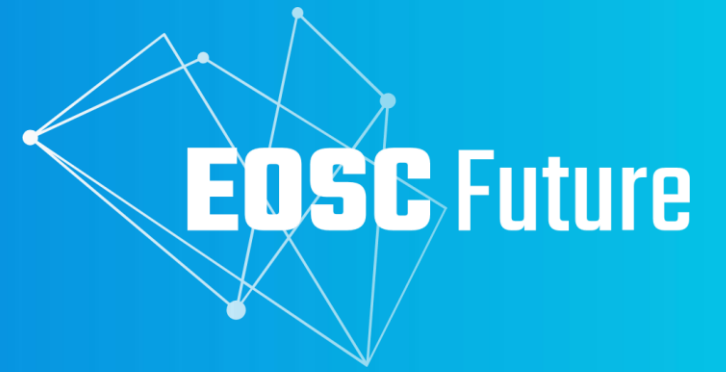


EOSC Portal

New value for researchers

The EOSC Future project is co-funded by the
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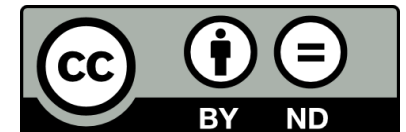




Examples of interoperable components

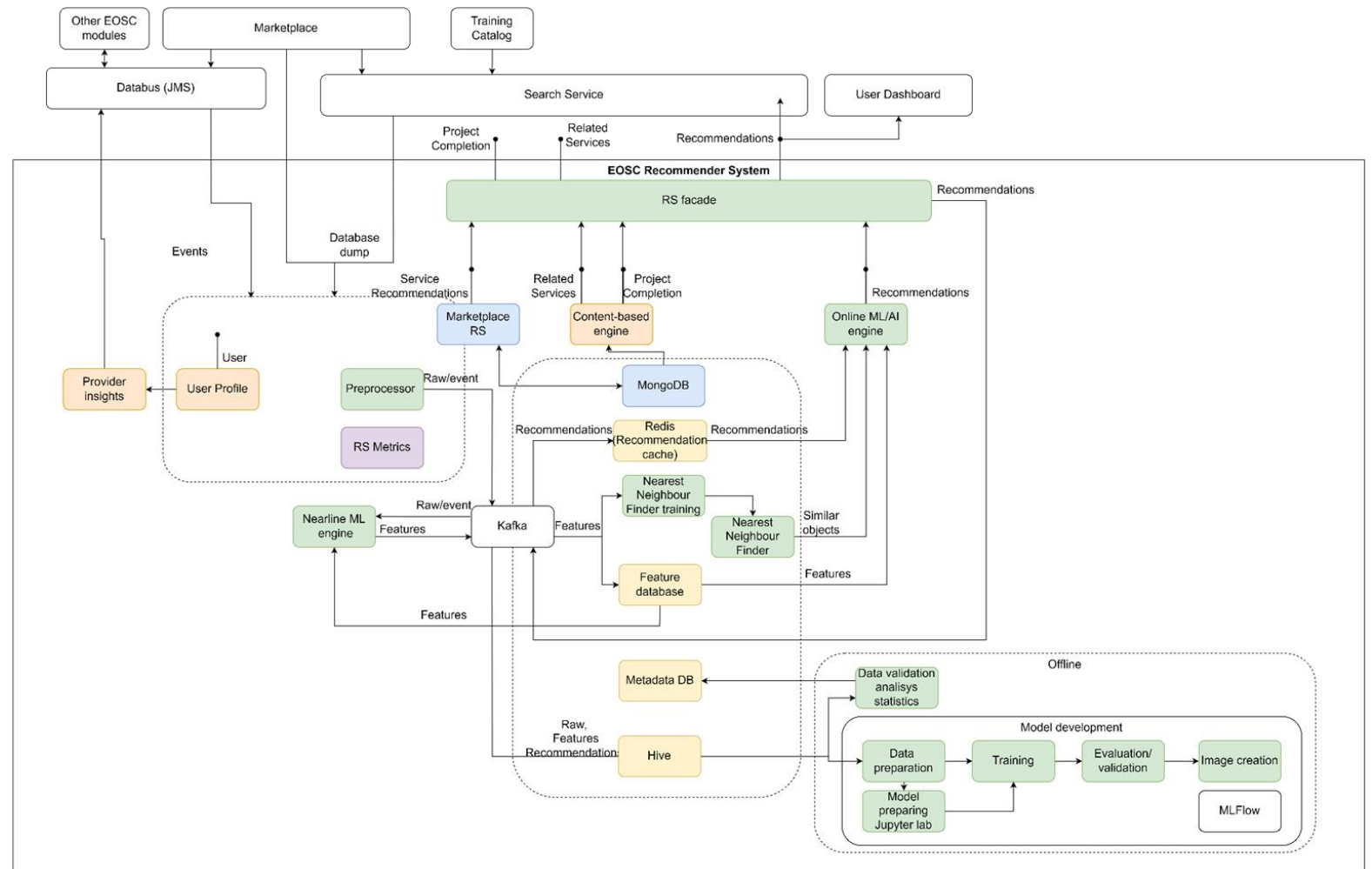
Raimundas Tuminauskas, PSNC

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Architecture of the EOSC Recommender

- Interoperable components
- Federated implementation
- Planned for growth
- Integration at different levels:
 - Source
 - Recommender
 - Client



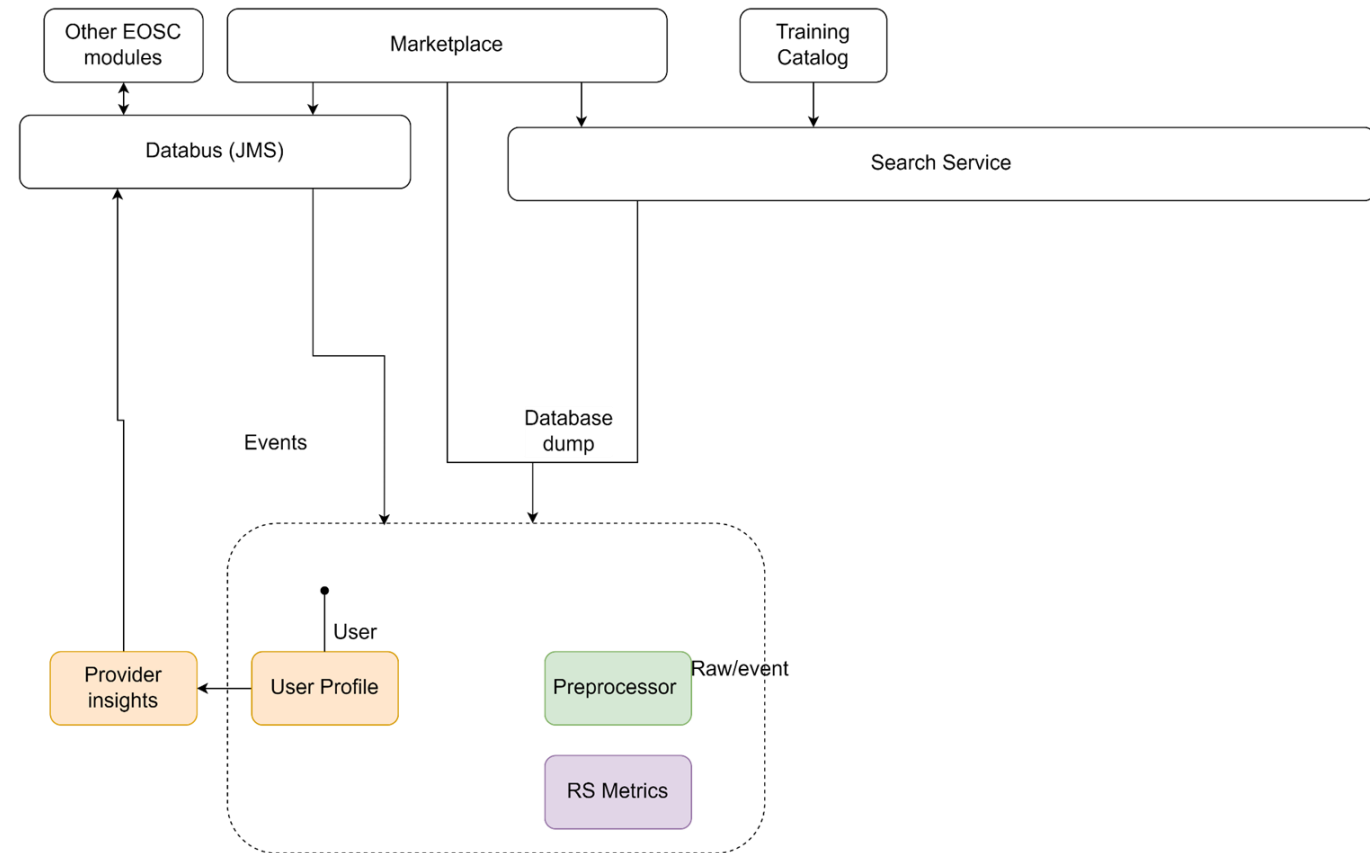
EOSC RS integration of a new source

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

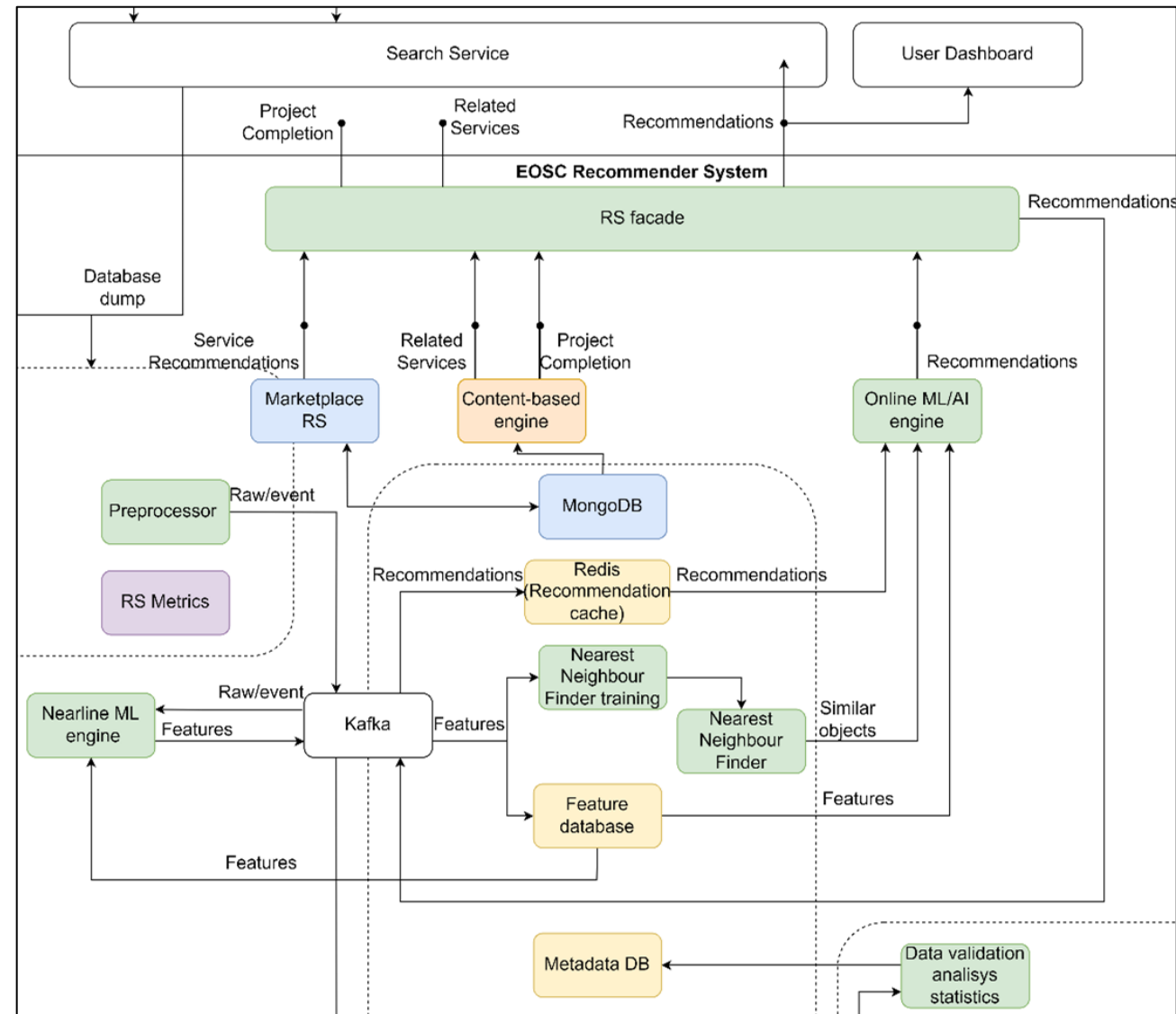
Data reading directly from DB:

- Feature DB + recommender cache
- Marketplace MongoDB

Delivery through the Façade

- Standard API
- Special end-point

Own delivery

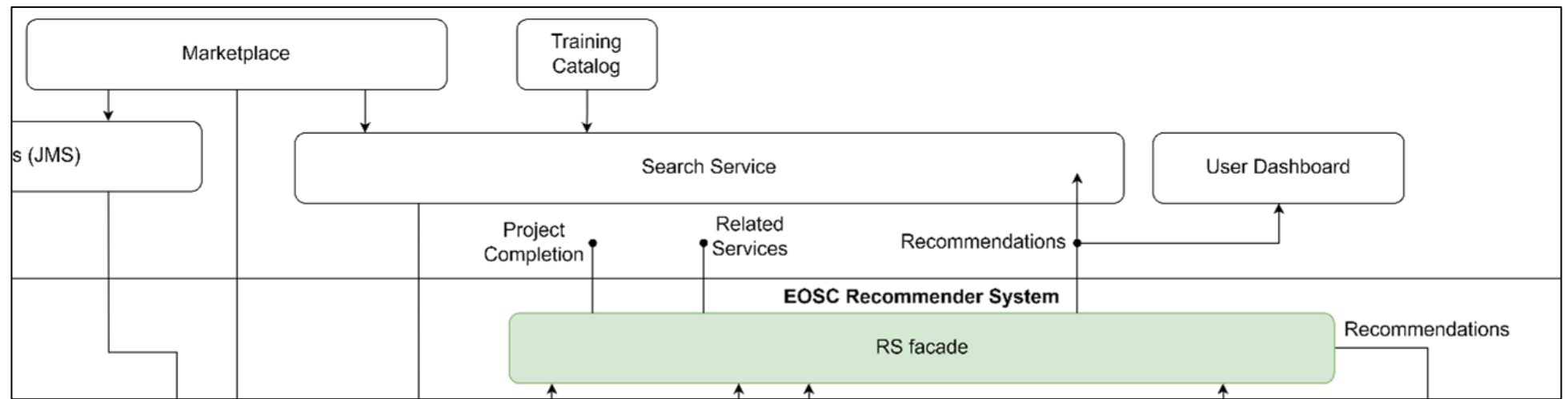


EOSC RS Integration of a new client

Integration through the Façade

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

Integration through the Search service is possible as well

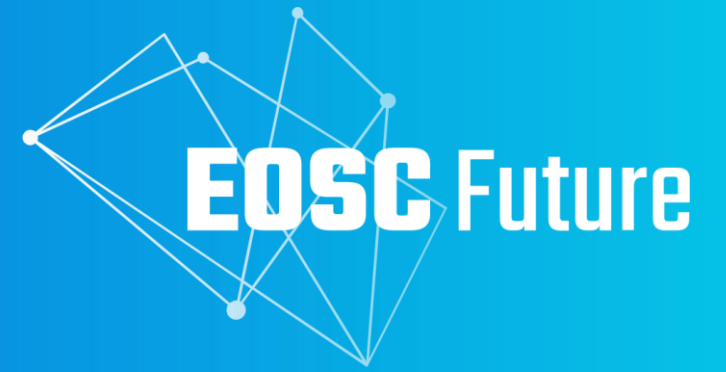




Conclusions

“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?

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