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Web Information Systems
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A core group of 5 faculty members and 5 PhD students.

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20 MOOCs on EdX

2x data-driven
learning analytics

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Our Expertise

Web Engineering
User Modeling
(Social) Web Data Analytics

Our goals

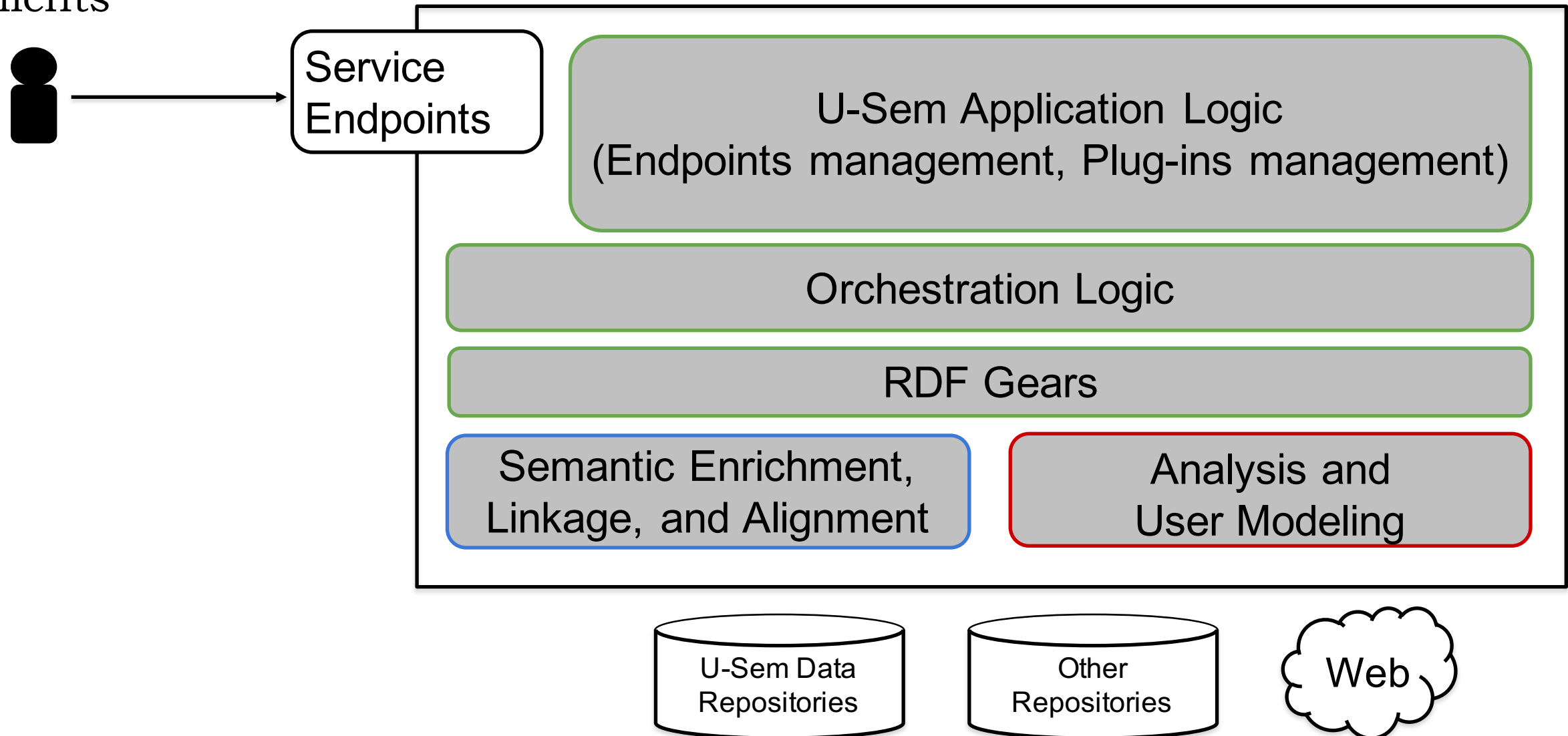
- To scientifically understand the (Social) Web - its data, dynamics and underlying crowd behavior
- To create actionable knowledge from Web (and other) data
- To design and develop adaptive, scalable and dynamic social and personal systems that make use of this knowledge

Experience in the Learning Domain

ImREAL: learning analytics

U-Sem: set of *user modeling services* and the platform to run them. Supports *adaptive training* and *learning applications* with knowledge from the Social Web about learners and their context.

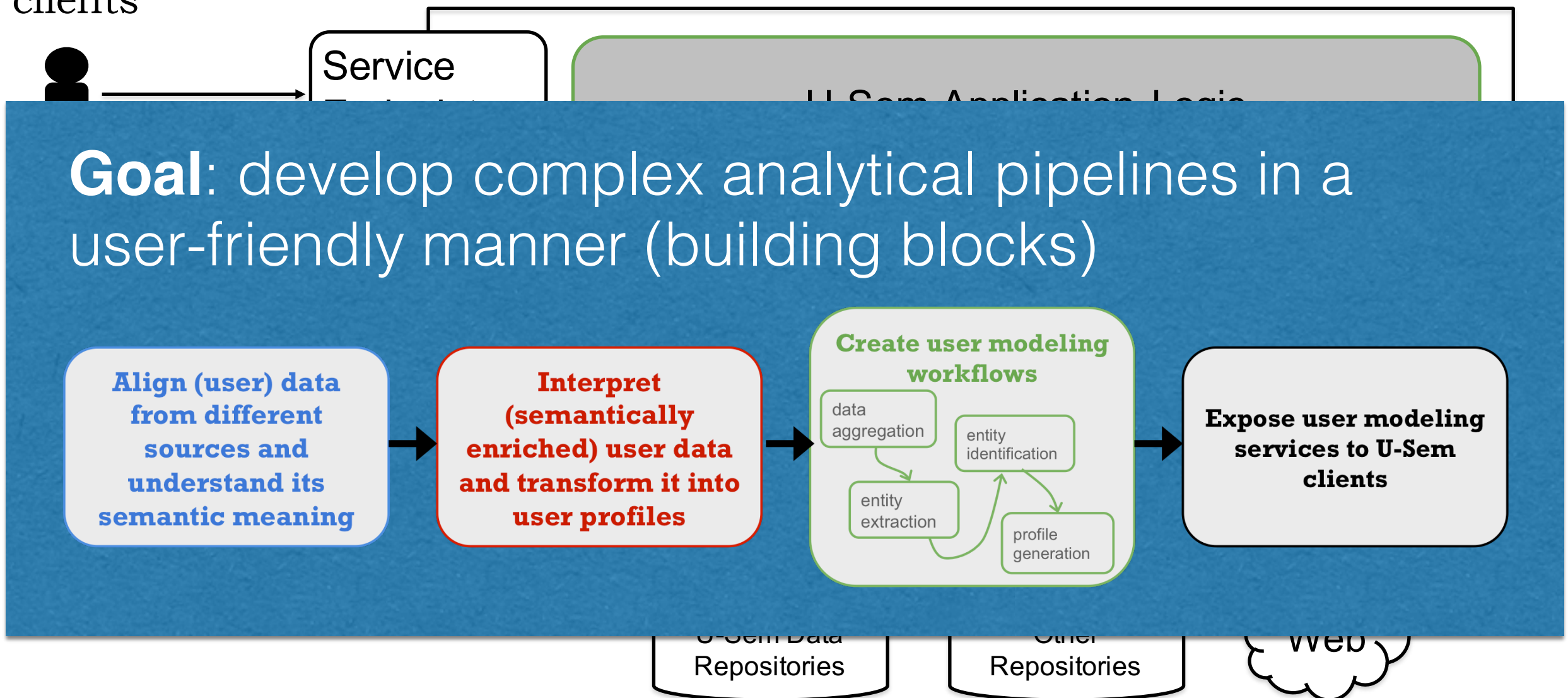
clients



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Online Learning

Concrete initiatives

Do learners apply their new knowledge after a MOOC?

- **Motivation:** to what extent do learners *use* their knowledge in practice?
- **Idea:** trace learners' progress on social media sources after the running of a MOOC

Is learner personality an important factor in MOOCs?

- **Motivation:** to what extent does personality play a role in online learning?
- **Idea:** correlate online learning paths with learners' personality