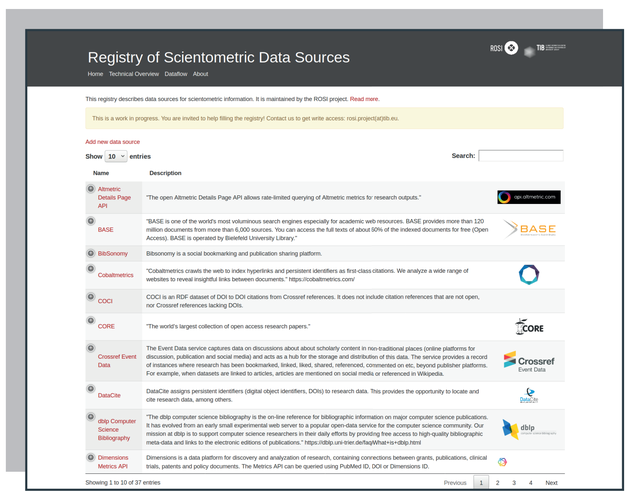
VISUALISING OPEN SCIENTOMETRIC DATA IN VIVO

Research metrics should be transparent and adaptable. We are developing a tool for CUSTOMIZABLE visualisations of OPEN indicators.

// DATA SOURCES

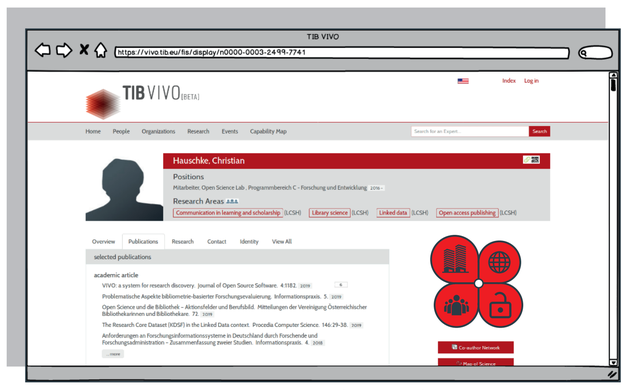
Collection and analysis of scientometric data sources in a public registry:

labs.tib.eu/rosi

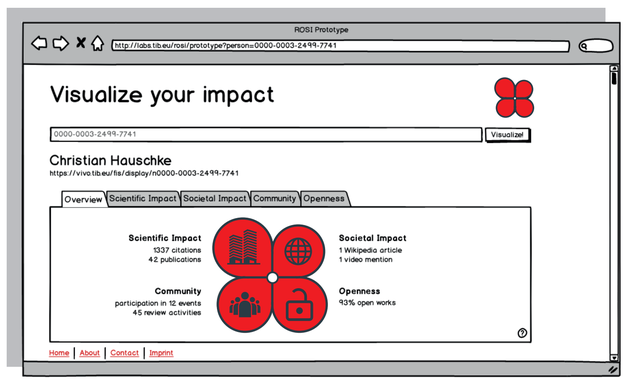


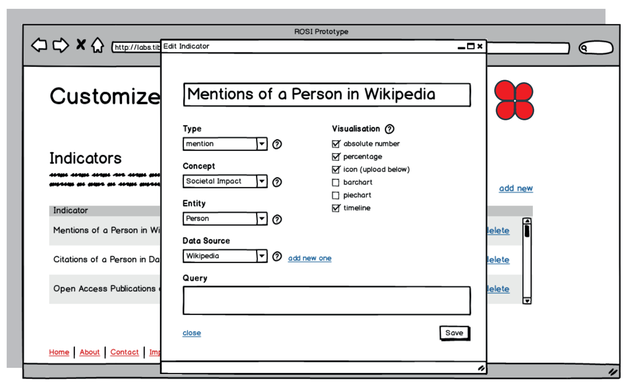
// FEATURES

- Display scientometric data of an entity grouped by concepts
- Retrieve data from open data sources via persistent identifier
- Enable customization of indicators



Integration in institutional VIVO (mockup)

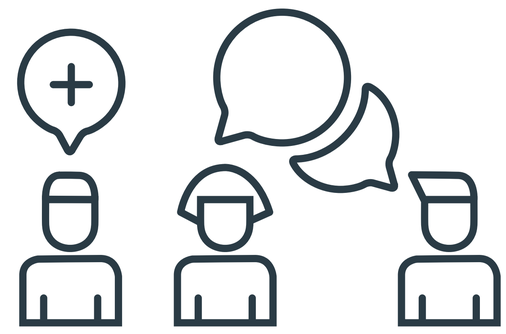




Mockups of integration in institutional VIVO, visualisation and customization interfaces (all data is fictitious)

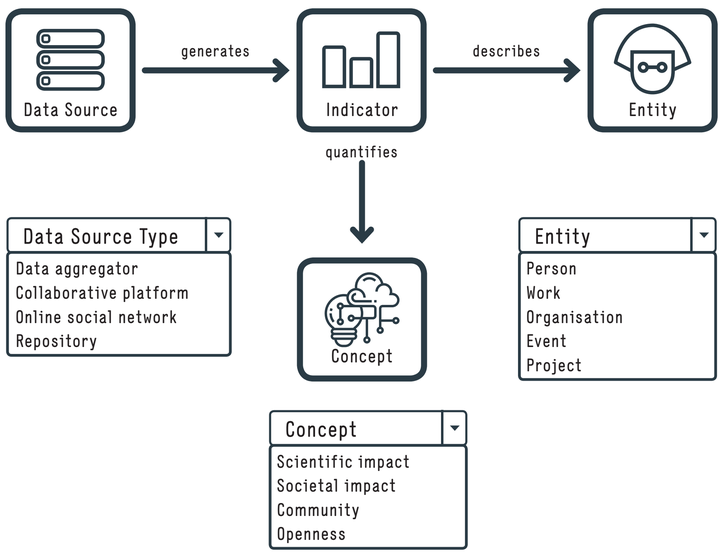
// USER DRIVEN DESIGN

- Interviews to gather needs and concerns of users
- Prototype evaluation in workshops and interviews
- Iterative process as part of software development
- End users of the prototype: researchers and research administrators



// DATA MODEL

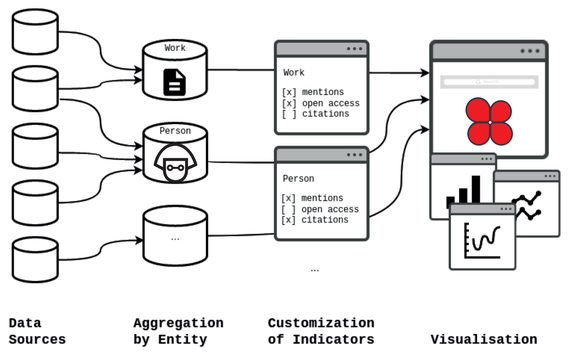
Development of a data model based on the VIVO entity types



Data model of the prototype with respective types

// IMPLEMENTATION

- Development of a standalone web application with integration in institutional VIVO
- Reuse of existing libraries and services to aggregate, customize and display scientometric data



Dataflow of the prototype

// FEEDBACK

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