netherlands eScience center

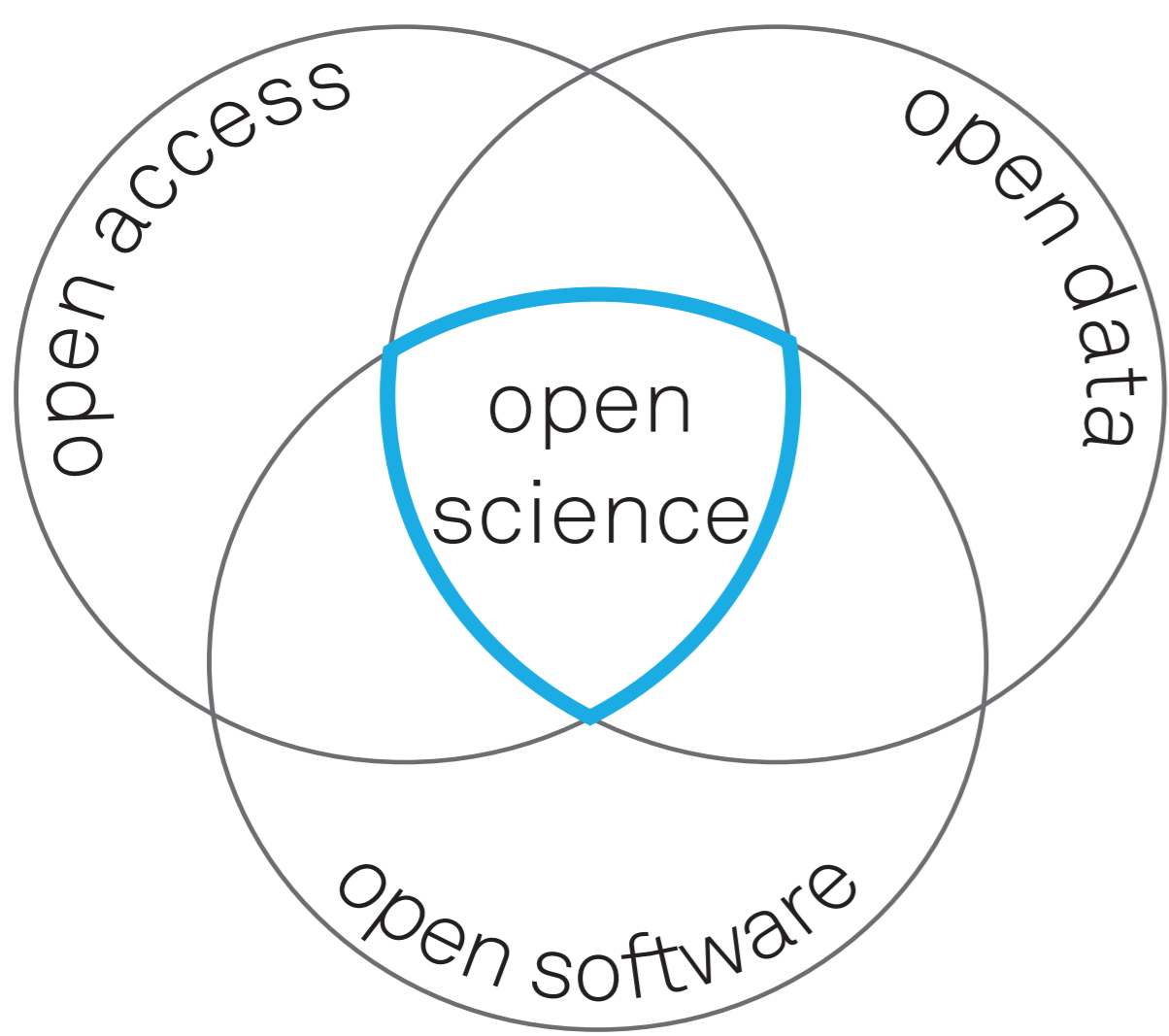# Research Software Directory
putting the F in FAIR software

Open software is essential for open science and reproducible research

open access
open data
open science
open software

Like data, software needs to be FAIR

Findable
public presence, citable, SEO, research context

Accessible
public repositories, open source licence

Interoperable
based on open standards, file formats, and protocols

Reusable
proper installation instructions, documentation, tutorials, docker images, etc.

The Research Software Directory presents research software in its research context:

Findable
Inclusive human centered text snippets, search engine centered meta data

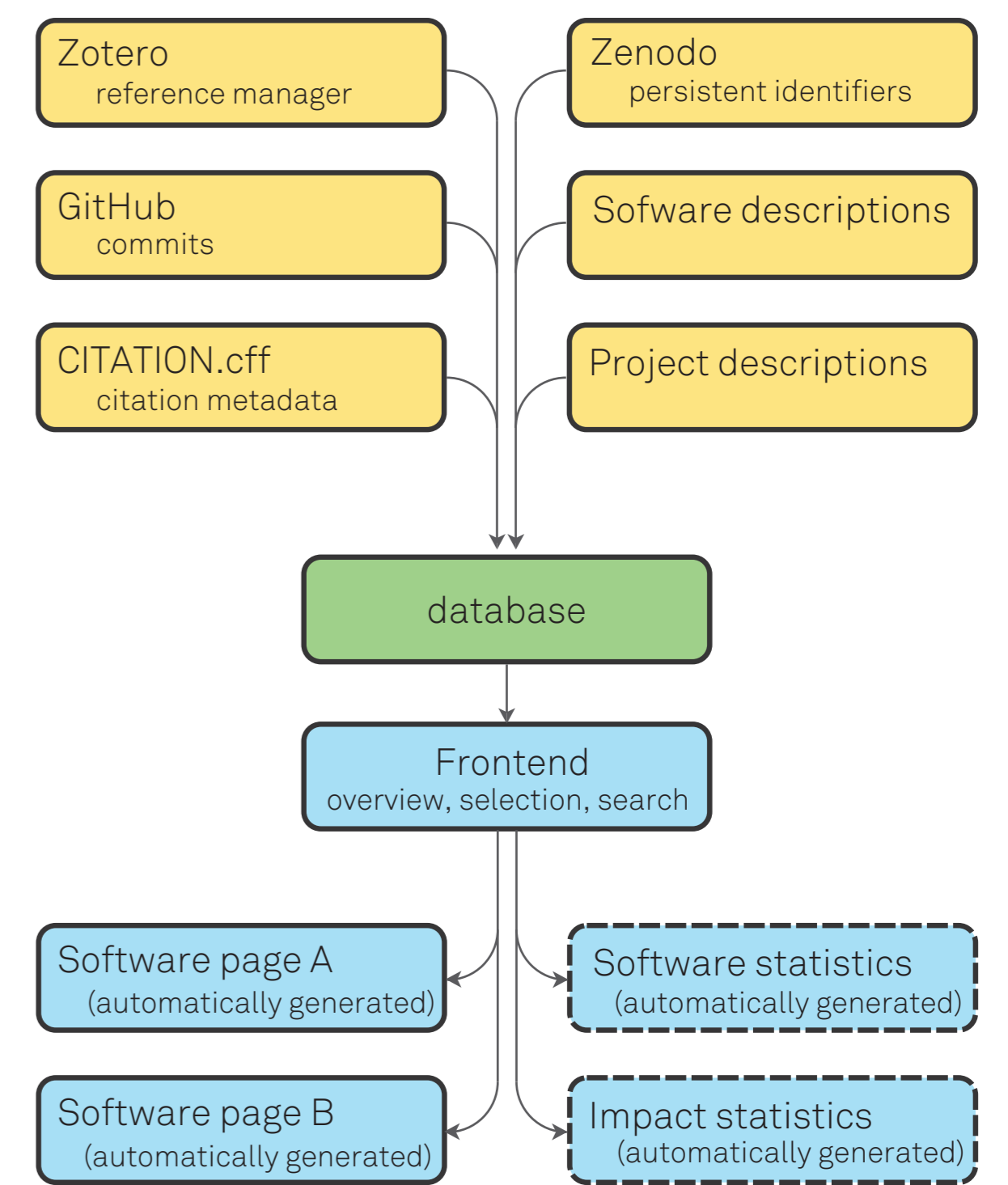### Social Context
development activity, contributors

Qualitative impact
related publications, tools and projects

(Start of) Quantitative impact
citation information

Generated software pages

Zotero — reference manager
Zenodo — persistent identifiers
GitHub — commits
Sofware descriptions
CITATION.cff — citation metadata
Project descriptions

database

Frontend — overview, selection, search

Software page A (automatically generated)
Software statistics (automatically generated)
Software page B (automatically generated)
Impact statistics (automatically generated)

Are you a researcher?

For you, the Research Software Directory makes research software findable and accessible. It provides concise information about research software to help you judge its relevance for your research.

Are you a developer?

Recognition for the quality and impact of the research software you develop is important for you. It should therefore be findable and accessible - in such a way that it helps researchers judge its quality and relevance, and funders and policy makers to asses its impact.

Are you a funder?

Research software development requires a lot of investment. For you it is important to be able to judge the impact of these investments. The Research Software Directory explores ways to demonstrate the impact of research software, i.e., by linking software to publications and other mentions in public sources.

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