

# The FAIRsoft Evaluator

A tool for developers and users to assess how specific software complies with FAIR for software indicators

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## The Software Observatory

The OpenEbench Software Observatory aims to be an instrument for the systematic observation and diagnosis of the quality of research software in the Life Sciences. The ultimate goal is to promote the adoption of software development best practices in the Life Sciences through the identification of trends in the way research software is being developed, as well as help users identify weak spots in their software's FAIRness.

### 02 Edit the metadata

Users can complete missing fields or modify the available metadata

## Evaluation of FAIR for software indicators

- The FAIRsoft Evaluator allows user to **assess** how their software complies to **FAIR for Research Software Indicators**.
- The required metadata can be obtained either from the **Software Observatory database** or a **public GitHub repository** (appropriate permissions are needed).
- The user can edit the metadata as needed and then export as a JSON-LD compliant with **Bioschemas** and **CodeMeta**.

### 01 Import your software's metadata

#### Option 1



From the Software Observatory

#### Option 2



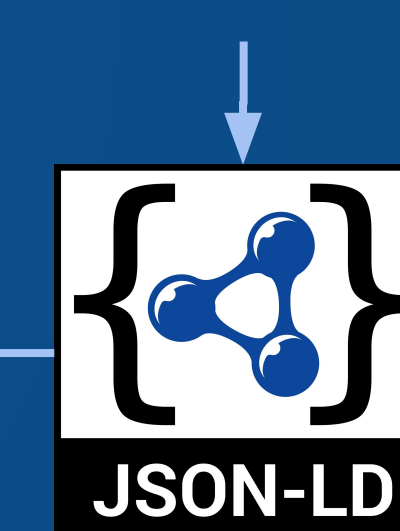
From the GitHub repository of the software

Users can select a tool from the over 45,000 bioinformatic tools in the Software Observatory database. Their metadata is gathered and consolidated across eight different software registries and repositories, including bio.tools, the Galaxy Toolshed and Bioconductor.

Alternatively, a GitHub repository can be used as the source of metadata.

### 03 Export the metadata

DOWNLOAD

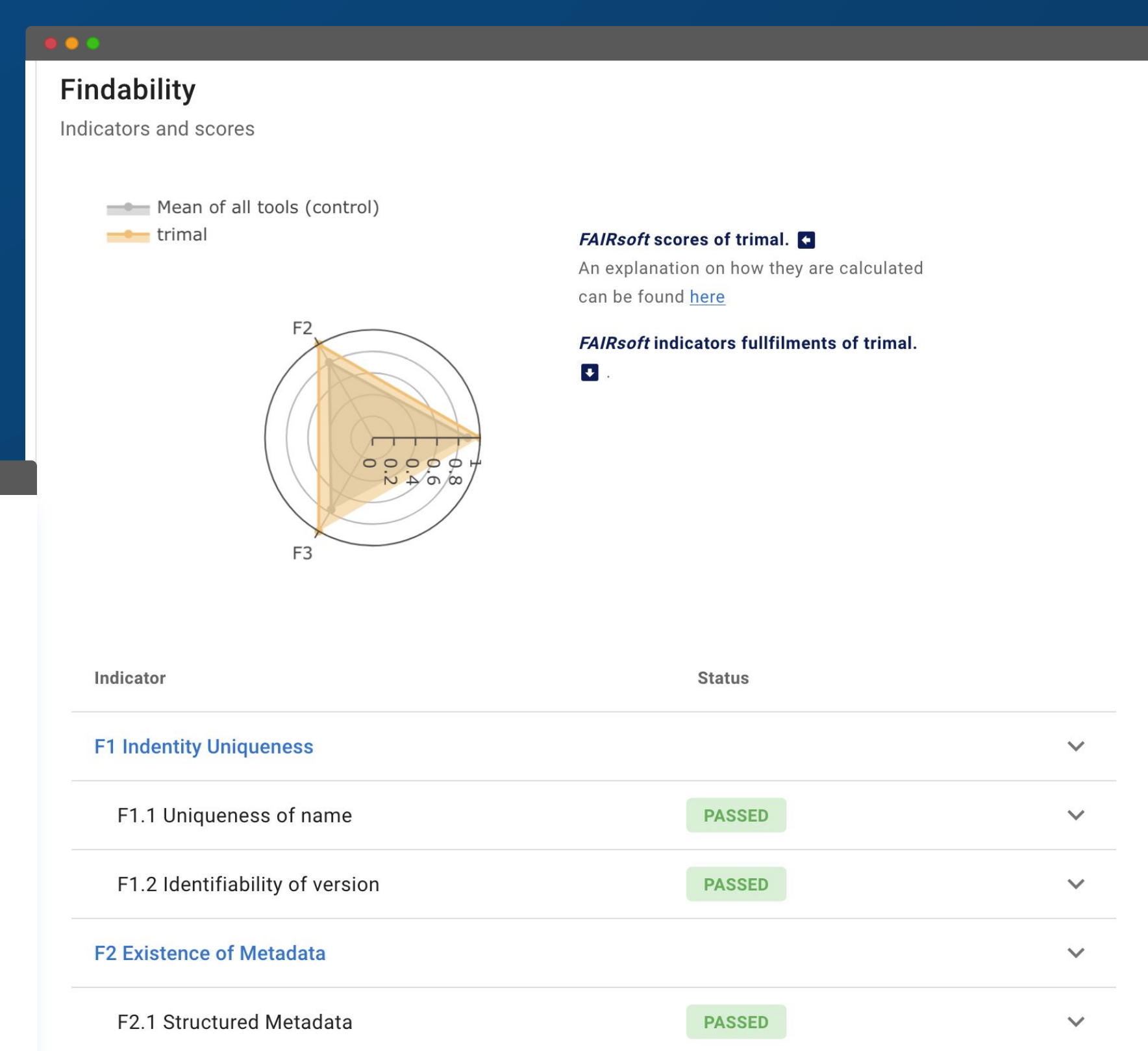


PULL REQUEST

Users can download the gathered metadata or even make a pull request to a GitHub repository of the user's choice to incorporate such metadata as a JSON-LD file compliant with Bioschemas and CodeMeta.

### 04 Check the results

Users can inspect their FAIRsoft results in detail and compare their score with the population of tools in the Software Observatory database.



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Centre of  
Excellence in  
Personalised  
Medicine



**Barcelona  
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Centro Nacional de Supercomputación



Spanish National  
Bioinformatics Institute



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