F-UJI Automated FAIR Data Assessment Tool

FAIRsFAIR has developed F-UJI, a service based on REST, and is piloting a programmatic assessment of the FAIRness of research datasets in five trustworthy data repositories.

The F-UJI assessment is based on 16 out of 17 core FAIR object assessment metrics developed within FAIRsFAIR and each corresponding to a part or the whole of a FAIR principle. F-UJI adheres to existing web standards and PID resolution services best practices and utilises external registries and resources such as re3data¹ and Datacite² APIs, SPDX License List³, RDA Metadata Standards Catalog⁴, and Linked Open Vocabularies (LOV)⁵. For information on the practical tests implemented against the metrics, see Devaraju, Huber, et al., 2020.

The source code is now available with a free license through Github. Any feedback on improving the tool and associated metrics can be added as an issue on Github.

To test the F-UJI online test service please visit the new web demo client.

For more details on the tool, please contact Robert Huber

<table>
<thead>
<tr>
<th>Pilot Repository</th>
<th>Certification</th>
<th>Subject Areas</th>
<th>Repository Representatives</th>
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**Screenshots of the tool below**

1. [https://www.re3data.org](https://www.re3data.org)
2. [https://support.datacite.org/docs/api](https://support.datacite.org/docs/api)
3. [https://spdx.org/licenses](https://spdx.org/licenses)
4. [https://rdamsc.bath.ac.uk](https://rdamsc.bath.ac.uk)
5. [https://lov.linkeddata.es/dataset/lov/](https://lov.linkeddata.es/dataset/lov/)

All the presentation and the slidedeck are available online here

**F-UJI webinar presentation**