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 re3data[1] and Datacite[2] APIs, SPDX License List[3], RDA Metadata Standards Catalog[4], 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.

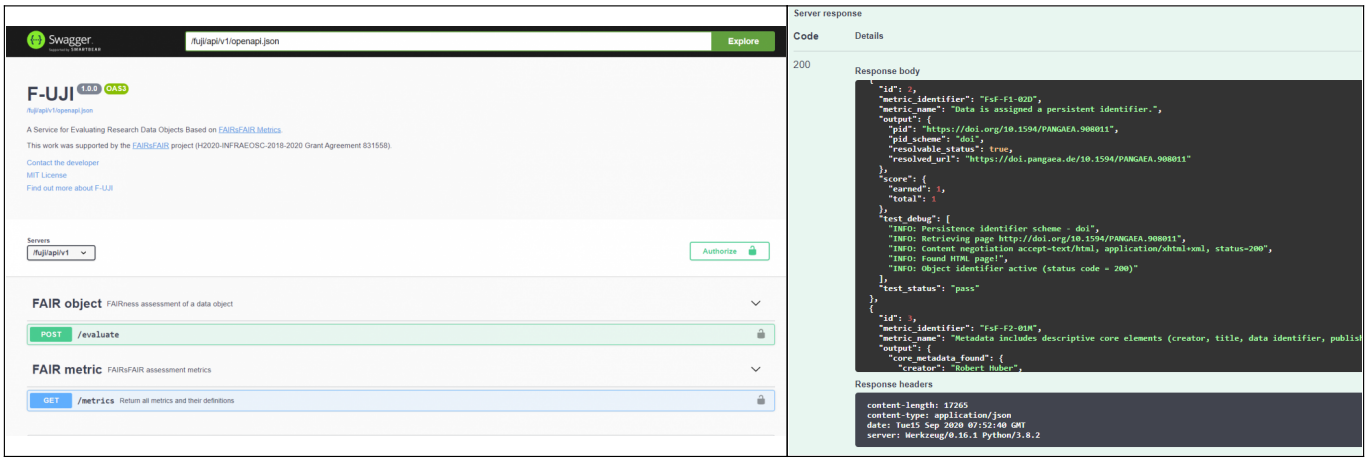
To test the F-UJI online test service please visit the new web demo client

For more details on the tool, please contact Robert Huber

Pilot Repository	Certification	Subject Areas	Repository Representatives

	CoreTrustSeal WDS Regular Member	Earth and Environmental Science	Uwe Schindler Michael Diepenbroek
PHAIDRA DIGITAL COLLECTIONS	CoreTrustSeal	Cultural Heritage	Yuri Carrer Cristiana Bettella GianLuca Drago Giulio Turetta
CSIRO	CoreTrustSeal	Multiple disciplines	Mikaela Lawrence Dominic Hogan Cynthia Love
WDC CLIMATE	CoreTrustSeal WDS Regular Member	Earth System Science	Andrej Fast Amandine Kaiser Hannes Thiemann
DataverseNO	CoreTrustSeal	Multiple disciplines	Philipp Conzett (Uit/DataverseNO) Gustavo Durand (Harvard/Dataverse) Julian Gautier (Harvard/Dataverse)
DataverseNL	-	Multiple disciplines	Laura Huis in ‘t Veld Marion Wittenberg Paul Boon

Screenshots of the tool below



[1] ***https://www.re3data.org***

[2] ***https://support.datacite.org/docs/api***

[3] ***https://spdx.org/licenses***

[4] ***https://rdamsc.bath.ac.uk***

[5] ***https://lov.linkeddata.es/dataset/lov/***

All the presentation and the slidedeck are available online here

F-UJI webinar presentation