

FAIR-DOscope – Explore the facets of FAIR Digital Objects

Working in the realm of FAIR Digital Objects can be very abstract and sometimes overwhelming. There are so many aspects which have to be addressed in order to create a first FAIR Digital Object. And if this is done, the only thing you get is a PID expected to be machine actionable by metadata available in its PID record. But which metadata is in there? Were all fields properly filled? Which relationships exist with other FAIR Digital Objects? For someone who is taking his/her first steps towards FAIR Digital Objects, answering these questions in an easy and user-friendly way is crucial to fulfill his/her task and FAIR-DOscope is supposed to give answers to these questions.

With FAIR-DOscope we provide a tool which resolves and visualizes FAIR Digital Objects in any Web browser. The result is rendered in two different ways: a tabular view showing the content of the PID record and a graphical view showing links to related FAIR Digital Objects. Both views allow further interaction, e.g., redirect to data type information stored in a Data Type registry or navigating through the FAIR Digital Object graph by clicking its nodes.

FAIR-DOscope may be used locally or provided as a remotely accessible service via the internet.

In the poster we will show how FAIR-DOscope looks like, how it can be used and what happens in the background to obtain the information presented to the user. Furthermore, we will give an outlook on our future plans for this tool, which already offers a very easy entry point for consuming FAIR Digital Objects and will be the basis for opening them also to scientists of the Helmholtz Association and beyond.

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FAIR Digital Objects User Interface

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