

FAIR-DOscope

Explore the facets of FAIR Digital Objects

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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.

Input field accepts PIDs
resolvable via handle.net
and supports query history

Switch between
interactive, type-based
and plain cell rendering

Clear query history

Interactive PID Graph
for navigating through
an FDO hierarchy

Interactive cell rendering
with resolved type
names and links to
external resources

Plain cell rendering
example

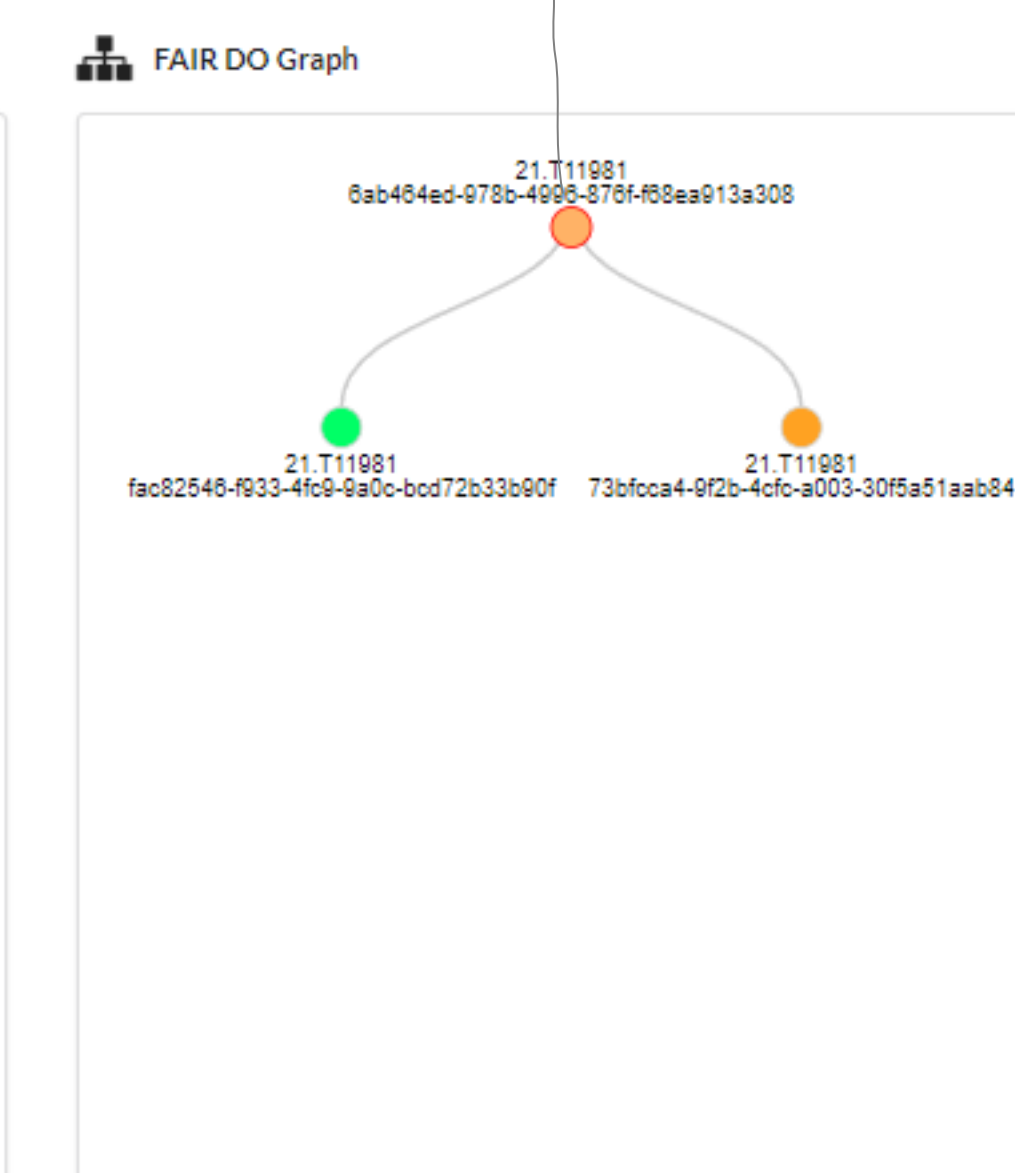
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21T11981/6ab4c4ed-978b-4996-876f-f68ea913a308

Plain Record / Interactive Record

PID Information Record

Index	Type	Value
1	kernelInformationProfile	21T11148/863d938d632b53d62d52
2	dateModified	2022-06-06T00:00:00+00:00
3	# checksum	1 = { 2 } 3 }
4	dateCreated	20220605 19:48:04 UTC
5	digitalObjectLocation	https://b2share.eudat.eu/api/files/5fcb8ad5-2f13-483c-8b80-a5862c91d8bb/Biological.tar#L7_dc3e2161576ff12aa04a2f6a47bb69a.jpg
6	21T11148/c692273deb2772da307f	1.0.0
7	21T11148/1c699a5d1b4ad3ba4956	21T11148/1a1e620666cb1713acde
8	21T11148/1c699a5d1b4ad3ba4956	21T11981/fac82546-f933-4fc9-9a0c-bcd72b33b90f
9	21T11148/2f314c8fe5f6a90063a8	https://creativecommons.org/licenses/by/4.0/
10	21T11148/d0773859091aeb451528	21T11981/73bfcca4-9f2b-4cfc-a003-30f5a51aab84
11	21T11148/1a73af9e7ae00182733b	https://www.scc.kit.edu/personen/14958.php
12	21T11148/1a73af9e7ae00182733b	https://www.scc.kit.edu/personen/12474.php
100	HS_ADMIN	



Future Work

- Configurable backend-services, e.g., Data Type Registry, PID System
- Integration of FAIR Digital Object search
- Support for different FAIR Digital Object implementations
- And more...



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