

FAIR Metric FM-F3

Mark D. Wilkinson, Susanna-Assunta Sansone,
Erik Schultes, Peter Doorn,
Luiz Olavo Bonino da Silva Santos, Michel Dumontier

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<i>FIELD</i>	<i>DESCRIPTION</i>
Metric Identifier	FM-F3
Metric Name	Resource Identifier in Metadata
To which principle does it apply?	F3 - metadata clearly and explicitly include the identifier of the data it describes
What is being measured?	Whether the metadata document contains the globally unique and persistent identifier for the digital resource.
Why should we measure it?	The discovery of digital object should be possible from its metadata. For this to happen, the metadata must explicitly contain the identifier for the digital resource it describes. A metadata document should also not result in ambiguity about the digital object it is describing. This can be assured if the metadata document explicitly refers to the digital object by its GUID.
What must be provided?	The URL of the metadata and the GUID of the digital resource it describes.
How do we measure it?	Parsing the metadata for the given digital resource GUID.
What is a valid result?	Present or absent
For which digital resource(s) is this relevant?	All

<p>Examples of their application across types of digital resource</p>	<p>Metadata standards (model/format/terminology)</p> <ul style="list-style-type: none"> - SBML: https://fairsharing.org/bsg-s000052 - Dublin Core: https://fairsharing.org/bsg-s000589 <p>Repositor and database - DANS EASY (Peter) - At DANS the PID is part of the metadata, and you can only reach the actual data from the metadata. There is no reference from the PID to the actual data.</p> <ul style="list-style-type: none"> - GBIF: https://fairsharing.org/collection/GBIF <p>Policies</p> <ul style="list-style-type: none"> - Wellcome Trust: https://fairsharing.org/bsg-p000019 - Scientific Data journal: https://fairsharing.org/bsg-p000034 <p>API (Michel)</p> <ul style="list-style-type: none"> - smartAPI registry API - facebook API <p>Scholarly Materials (Erik)</p> <ul style="list-style-type: none"> - Scientific Data FAIR Article (doi:10.1038/sdata.2016.18) - Scientific Data Journal (https://www.nature.com/sdata/) <p>Non-article Published Work (MarkW)</p> <ul style="list-style-type: none"> - my Zenodo Deposit for polyA (http://doi.org/10.5281/zenodo.47641) - myExperiment Workflow (http://www.myexperiment.org/workflows/2999.html) - Jupyter notebook on GitHub (https://github.com/VidhyasreeRamu/GlobalClimateChange/blob/master/GlobalWarmingAnalysis.ipynb)
<p>Comments</p>	<p>A first version of this metric would focus on just checking a URL that resolves to a document. We can't verify that document.</p> <p>A second version would indicate how to structure the data policy document with a particular section (similar to how the CC licenses now have a formal structure in RDF).</p> <p>A third version would insist that that document and section is signed by an approved organization and made available in an appropriate repository.</p>