



Context

Digital Preservation





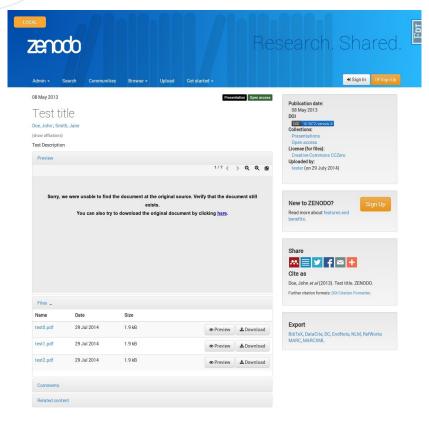




An open digital repository for everyone and everything [http://zenodo.org]



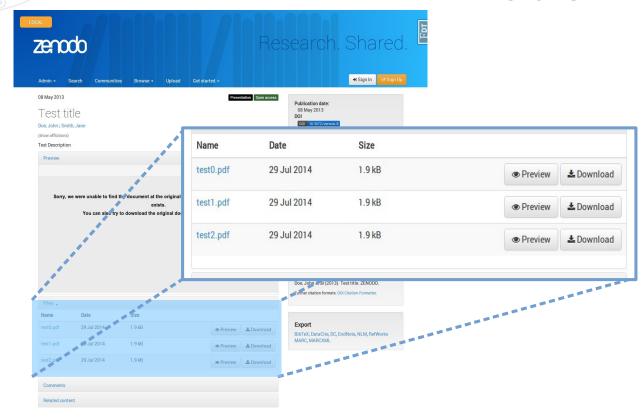
Problem



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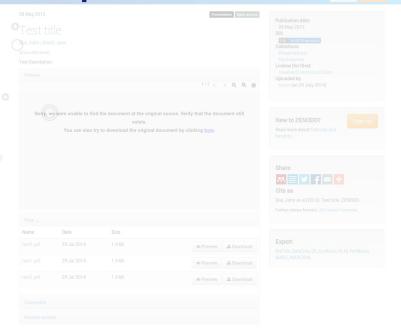
Problem





Problem

Suitable for preservation?



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Problem

Suitable for preservation?





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Problem

Suitable for preservation?



Raise awareness?



Improve quality of records?

	● Preview ≛	
29 Jul 2014	⊕ Preview	
	⊕ Preview ≜	

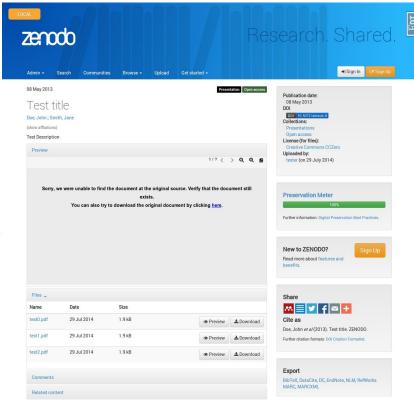


Objectives

- Add <u>meter and badge</u> to records to indicate the <u>suitability</u> of the documents for <u>long-term preservation</u>
- Define preservation guidelines and best practices
- Implement as an independent/plugable module to Zenodo
- Develop testing and validation

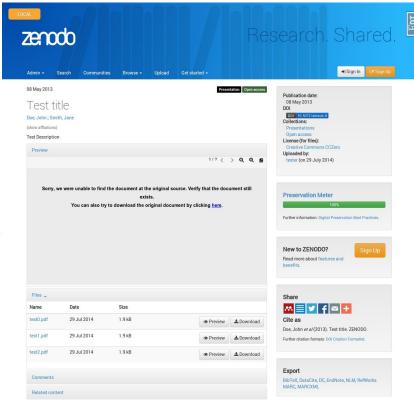


Preservation Meter



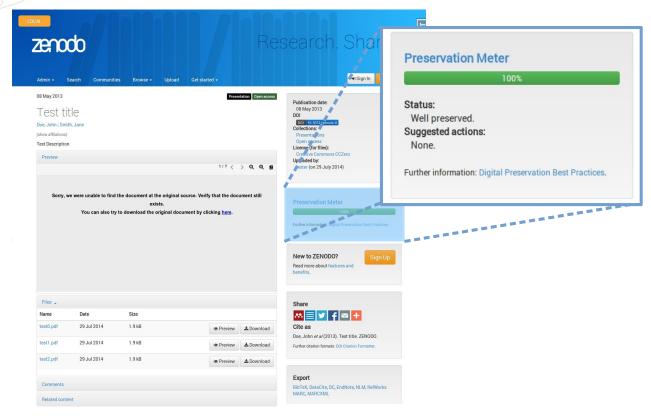


Preservation Meter





Preservation Meter





Preservation Meter

- Score based approach
 - mapping file
 - type => quality score
 - proprietary vs open
- Single file evaluation
- Multiple file evaluation
 - avg([])
 - compressed formats (zip, tar..)

Publication date:

08 May 2013

DOI

DOI 10.5072/zenodo.8

Collections:

Presentations
Open access
License (for files):
Creative Commons CCZero
Uploaded by:
tester (on 29 July 2014)

100%



Technology



















19/08/2014

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13



Conclusion

Main objectives accomplished

- And tested :-)

Name	Stmts	Miss	Cover	Missing
zenodo.modules.preservationmeter	0	0 1	.00%	
zenodo.modules.preservationmeter.api	118	0 1	.00%	
zenodo.modules.preservationmeter.config	0	0 1	.00%	
zenodo.modules.preservationmeter.views	3	0 1	.00%	
TOTAL	121	0 1	.00%	
13 tests run in 6.7 seconds. 1 skipped (12 tests passed)				



Conclusion

- Main objectives accomplished
- > Future work:
 - Provide more details about the score
 - Provide feedback even before the record is uploaded
 - Improve evaluation methods
 - Add gamification techniques (?)

