



# Zenodo: Preservation Meter

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## › Digital Preservation



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

# Problem

- › **A lot of records submitted to Zenodo**
  - **How to make sure the files are suitable for preservation?**
  - **How to help contributors and user to be aware of this?**
  - **And therefore improve the overall quality of the records?**

# Objectives

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

# Technology



# Preservation Meter

## › Score based approach

- mapping file type => quality score
- proprietary vs open

## › Single file evaluation

## › Multiple file evaluation

- avg([])
- compressed formats (zip, tar..)

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DOI

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Collections:

[Presentations](#)

[Open access](#)

License (for files):

[Creative Commons CCZero](#)

Uploaded by:

[tester](#) (on 29 July 2014)

### Preservation Meter

100%

Status:

Well preserved.

Suggested actions:

None.

Further information: [Digital Preservation Best Practices](#).

# Conclusion

- › **Main objectives accomplished**
  - And tested :-)

```
..- .Name                               Stmts  Miss  Cover   Missing
-----
zenodo.modules.preservationmeter         0      0   100%
zenodo.modules.preservationmeter.api    118      0   100%
zenodo.modules.preservationmeter.config  0      0   100%
zenodo.modules.preservationmeter.views   3      0   100%
-----
TOTAL                                   121      0   100%

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 (?)**





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