
XRootDFS Documentation

Release 0.1.0

Invenio Collaboration

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1.1 Filesystem interface

1.2 File interface

1.3 Opener

1.4 Environment

Changes

Version 0.1.0 (released 2015-09-29)

- Initial public release.

Contributing

Bug reports, feature requests, and other contributions are welcome. If you find a demonstrable problem that is caused by the code of this library, please:

1. Search for [already reported problems](#).
2. Check if the issue has been fixed or is still reproducible on the latest *master* branch.
3. Create an issue with **a test case**.

If you create a feature branch, you can run the tests to ensure everything is operating correctly. The easiest is to run the tests using Docker:

```
$ docker build -t xrootd .  
$ docker run -h xrootdfs -it xrootd
```

You can also run the tests locally:

```
$ ./run-tests.sh
```

You will however need to start a local XRootD server, e.g.:

```
$ xrootd -b -l /dev/null /tmp <tmpfolder>
```

where, <tmpfolder> is dependent on your system (e.g. on OS X it is `/var/folders`, while on Linux it can be left empty).

Note: XRootD have issues with Docker's default hostname, thus it is important to supply a host name to `docker run` via the `-h` option.

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