

The BitRepository project



BITREPOSITORY.ORG

This is an overview of the BitRepository project by The Danish Royal Library.

Principles for information between system components, and a more general overview of the system, can be found under [System overview](#).

The purpose of the BitRepository system is to enable long term preservation of data in a distributed, highly redundant architecture.

The data integrity is ensured by using multiple, independently developed data storage systems ([Pillars](#)) across different organizations, together with functionality for maintaining the [Integrity](#) of the data over time. The BitRepository project consists of:

- [Message exchange protocol](#) and [file exchange](#) protocol
- [MessageBus based communication infrastructure](#)
- [Reference clients and services](#)
- Service hosting for both direct [Pillar](#) access and higher level services through clients ([BitRepository in Production](#))

