

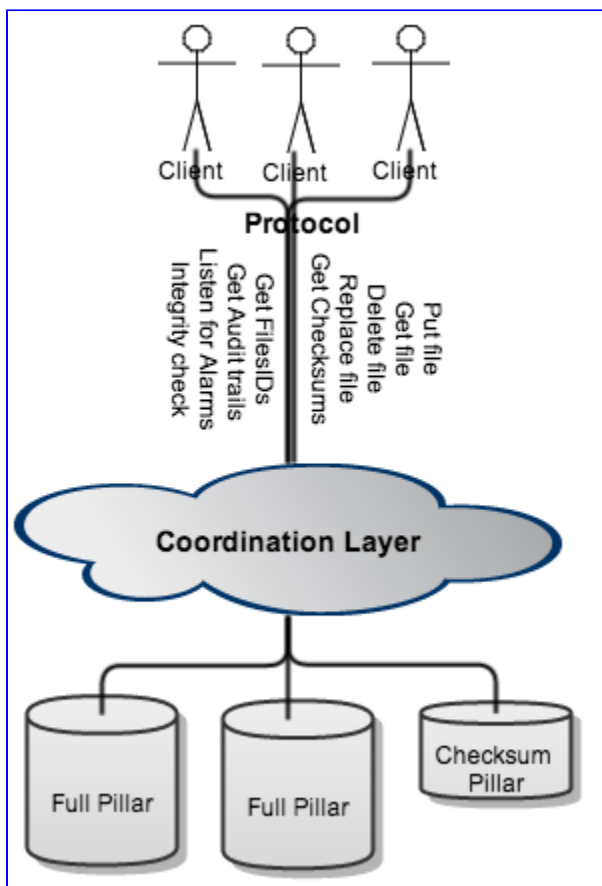
# The Bit Repository project

Welcome to the Bitrepository project. The purpose of the Bitrepository system is to enable longterm 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:

- [Communication and file exchange protocol.](#)
- [Messagebus based communication infrastructure.](#)
- [Reference clients and services.](#)
- [Framework](#) for defining the required qualities of the system services.
- [Service hosting](#) for both direct Pillar access and higher level services through clients ([The National Danish Bit Repository](#)).

## Content

- [Userguide](#) — Installation and usage documentation for the Bit Repository Reference System.
- [Releases](#) — Contains the listing of the Bitrepository code including reference implementations.
- [Protocol](#) — This describes the protocol for the Bit Repository.
- [Architecture](#) — Overview of the systems structural elements and relationships based on a concrete architecture.
- [Reference system](#) — Description of the reference system being developed based on the concrete Architecture defined in the project.
- [The National Danish Bit Repository](#) — Describes the Bit Repository system operated by the danish national archiving institutions.
- [Development](#) — Information relevant for Bit Repository developers, primarily the Java based reference system.
- [Project](#) — Information about the projects tasks, plans, ressources, meetings, etc.



An overview of the bit repository - with examples of pillars, clients and services. [Principles for information between system components and a more general overview](#) of the system followed by can be found under [System overview](#).



# BITREPOSITORY.ORG

Issue tracker  
Continuous integration  
Source code  
Code analysis  
Downloads: Releases/Nightly  
Maven site: Latest release/Nightly  
Reviews

## Mailing lists

- Bitrepository-user
- Bitrepository-devel

## News

### Blog Posts

- [Bitrepository 1.2 is out](#) created by Mikis Seth Sørensen Mar 06, 2014 Bitrepository

- [Bitrepository 1.1 has been release](#) created by Mikis Seth Sørensen Nov 22, 2013 Bitrepository

- [1.0 has been released](#) created by Mikis Seth Sørensen Aug 29, 2013 Bitrepository

- [0.22 release is out](#) created by Mikis Seth Sørensen Jan 14, 2013 Bitrepository

- [Bit Repository 0.19 release is out](#) created by Mikis Seth Sørensen Sep 07, 2012 Bitrepository

- [Reference-0.10 released](#) created by Mikis Seth Sørensen Mar 21, 2012 Bitrepository

- [Protocol-7 and Reference-0.6 released](#) created by Mikis Seth Sørensen Jan 03, 2012 Bitrepository






- [Protocol and Reference code 0.4 release](#) created by Mikis Seth Sørensen Nov 17, 2011 Bitrepository

- [Wiki dokumentation migreret](#) created by Mikis Seth Sørensen Nov 04, 2010 Bitrepository

- [Projektets værktøjsplatform på plads](#) created by Mikis Seth Sørensen Oct 25, 2010 Bitrepository

## Updates

### Recently Updated

-  2017-06-29 Videomeeting
  - created Jun 29, 2017
-  Reference system 1.9.0.1
  - updated Jun 14, 2017 • view change
-  SB Pillar 2.5.1
  - updated Jun 14, 2017 • view change
-  2017-06-14 Videomeeting
  - updated Jun 14, 2017 • view change
-  Reference system 1.9
  - updated Jun 12, 2017 • view change

Mikis Seth Sørensen

Kim Christensen

Jonas Lindberg Frellesen

Asser Schrøder Femø