

Modulopbygning af Datafordeleren

Fællesoffentlig datadistribution

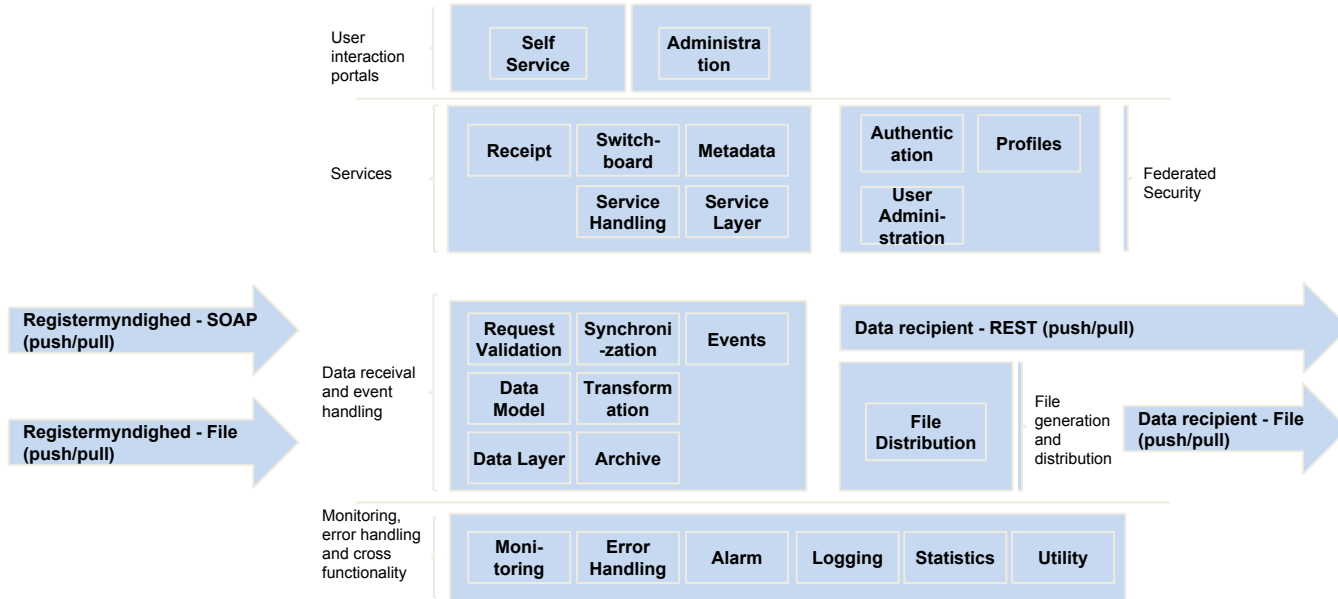


Styrelsen for
Dataforsyning og
Effektivisering

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Logical Component Overview



Component name	Responsibility
Administration	Configuration and maintenance of replication channels and administration of services, filedownloads, events, profiles etc.
Alarm	Triggers alarms to the alarm system in the support organisation. Hides support system technology.
Archive	Handle archiving of data
Authentication	Authentication based on username/password or certificates. Based on Active Directory.
Data Layer	Provide access to stored data. Hides database technology.
Data Model	Handles the data models of the data the system contains.
Error Handling	Handle errors in a consistent way.
Events	Handle and distribute events.

Component name	Responsibility
File Distribution	Generate and distribute files to data users.
Logging	Creation, persisting and query of log messages.
Metadata	Stores, handles, and distributes metadata.
Monitoring	Oversees the system by querying the log messages, requests services, and verify the status of the replication channels.
Profiles	Handle credentials for users.
Receipt	Provides reliable delivery of data though the service layer.
Request Validation	Protect the service layer against malicious requests.
Self Service	Is the portal for the data users where they can create users, make subscriptions, view metadata etc.

Component name	Responsibility
Service Handling	Configuration and maintenance of exposed services.
Service Layer	The services that expose the various types of data. The service layer is called from the switchboard.
Switchboard	Orchestrates service requests.
Synchronisation	Detection and repair of replication errors between data providers and the system.
Transformation	Transforms data between data models and file formats.
Update	Receive data from the data providers and make it ready for the services layer.
User Administration	Administrates users in the system. Based on Active Directory.
Utility	Hides technology for database access, encryption, file access, compression, FTP access, alarming.

Referencer

Ref(1): Architecture Description V 2.4