

Fedcat 2.0 is based on a microservice architecture.

This application is composed of

UI ,4 apis Fedcat-core, Fedcat-ws, Fedcat-integration, Fedcat-api,1 service : Sidecar-api,2 databases : Mysql, MongoDB

Each component of the application is described below :

Fedcat-ui: Angular front office application, portal for administrators and end-users

Fedcat-core : Api contains the data model catalog, Api contains the update and data recovery services for catalog, System Core API exposes services for other APIs

Fedcat-integration :Integration api project contains import workers that run batch by spring-batch, Use the Mysql database to save the batch execution history, Call fedcat-core project for data update

Fedcat-ws : API contains the services used by the front office Fedcat-ui, Allows user management and authentication,Manages the GUI settings,Use a mysql database for the user management and GUI setting, Use the fedcat-core project for updating and retrieving data,Use the fedcat-integration project to retrieve batch execution history

Fedcat-api :API contains the services used by the partners,Convert GU objects to TMF objects,Accessing (read) data using fedcat-core services

SideCar-api

MongoDB: Database no sql used by fedcat-core

Redis: In-memory data structure store, used by the others application

MySQL: Data base SQL used by fedcat-ws and fedcat-integration