

Plan - Uploader Microservice

1. Donattela – Clarifies how to generate frontend automatically
2. Set up environment for microservice microserviceuploader:
 - C:\Engineering\IGSUploader
 - C:\Engineering\IGSUploader\gateway
 - C:\Engineering\IGSUploader\hipster-registry-master
 - C:\Engineering\IGSUploader\microserviceuploader
3. Creating .jdl which we will use to create the table with name file for microserviceuploader
file: (id (autoincrement), fileId(find the best algorithm for unique fileId), dateCreated, lastModified, description, name, content(blob), size(20MB), format(PDF, DOCX, XLSX), userID)
4. Creating entities, database, and initial frontend using created .jdl file.
5. CRUD logic – for backend and frontend
6. Research on the Internet:
 - a. File Chooser for PDF, DOCX, XLSX
 - b. How to get and send selected files over REST
 - c. Limitation file on the size 20MB
 - d. Transforms file in the BLOB format
 - e. Scan file using an antivirus
 - f. Find the best way to compare two files which we upload
 - g. Find the easiest way to show files which format can be PDF, DOCX, XLSX
7. Work on the frontend part of the task
 - a. Upload
 - b. radio button for wanted type of file which is uploaded (PDF, DOCX, XLSX)
 - c. check size of file which is uploaded
 - d. history of the uploaded files
 - e. preview (content of the selected file)
 - f. edit (description of the file)
 - g. download (selected file)
8. Tests and refactoring

Questions:

1. We will create a User entity in the microservice using User entity in the GATEWAY. We will use the user table which is predefined in the GATEWAY ?
2. Can user upload do upload operation several times for file with same name, same type and same content in different points in the time?
3. Do we need to implement pagination? Maybe, the best is to use logic, which you implemented in your existed project?

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