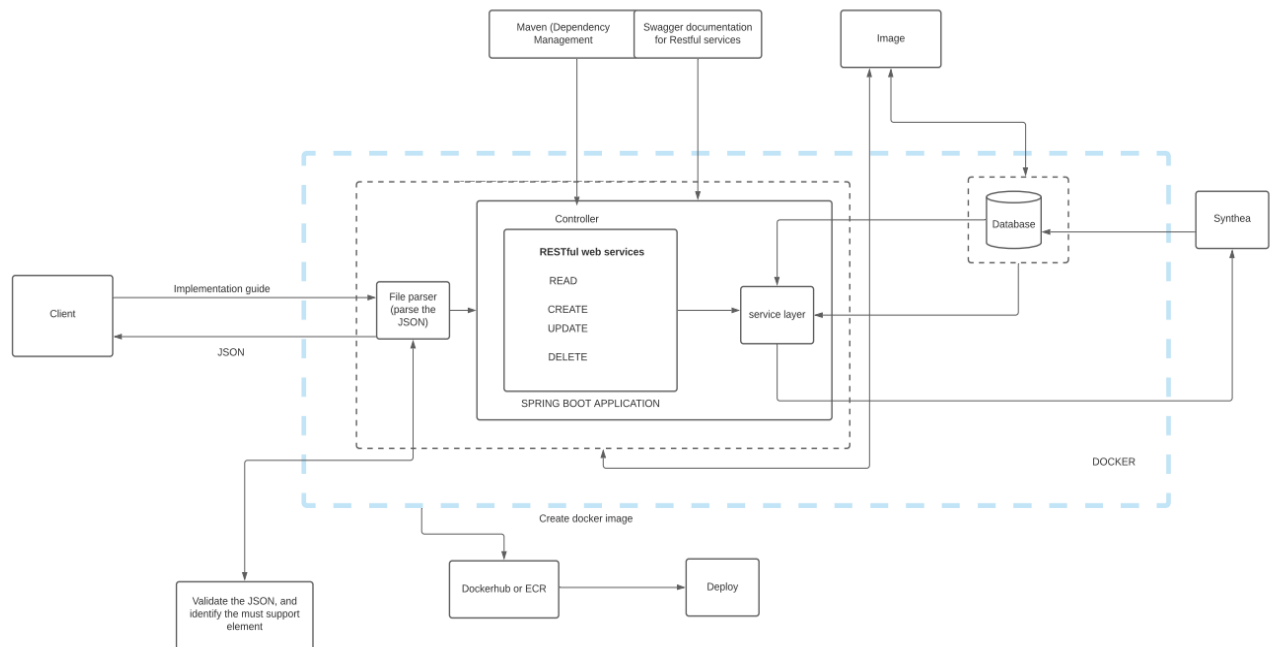


Practicum Sprint #3

DATA FLOW

- Clients will be calling our scripts with one of the implementation guides.
- Run an API to get data from Synthea
- Read the json structure for the implementation guide and identify all the mustSupport elements for that guide
- Identify all the data which can be mapped to the corresponding columns for implementation guide and identify all the mustSupport columns for which we don't have data from Synthea
- See the notes for the columns where the data is not there to see what is the required format in which the dummy data has to be provided.
- For eg: if the datatype is uri, we will have to come up with a dummy value in uri format.
- For some, in the description & constraints tab, there will be list of values like, proposed | active | suspended | inactive | entered-in-error. If so, we will have to choose one random value from this list.
- Form the entire data corresponding to the implementation guide which will be the output sent back to the client.

UPDATED ARCHITECTURE DIAGRAM



ASSUMPTIONS

- While creating example information, a Capability Statement will not be considered. Only Implementation guides will be considered.
- Only focus on Structure definition while generating information regardless of the conformance expectations.

COMPLETED ACTIVITIES

- Created a docker with support for api and postgresql.

REFERENCES

- *API endpoint — Simplifier.net documentation. (n.d.). Welcome to Firely's documentation site — Firely Docs 3.5.1 documentation.* <https://docs.fire.ly/projects/Simplifier/api.html>
- *Firely. (n.d.). Packages - Simplifier.net. The FHIR collaboration platform - SIMPLIFIER.NET.* <https://simplifier.net/packages>