

Attendees: *Alberto, Gian, Olof, Marjolaine, James Hall, Stuart, Mael, Alexander Camps, Clemente, Karl, Idrissou, Emilio Centeno Ortiz, Marc and Alex*

Agenda:

- Discussion and validation of the software framework to build py-ispypb

There will be (at least) two presentations:

- Stuart will present the advantages of using FastAPI and ideally will give a rough estimation of the time needed to convert/migrate the current project to FastAPI (10 - 15 min)
- Mael will present the work done extending the Flask framework (10 -15 min)

Minutes:

We have at least 7 python devs in the meeting today

1st presentation:

Why we could want to use FastAPI by Stuart Fisher

Examples from Stu are in the slides.

Questions:

FastAPI is a closed framework, is this reliable in the long term (i.e. changing libraries in the future)?

Answer: probably yes, but Stu does not think it's a problem.

How much time to move the current?

Answer: Stuart pull request should be at level Mael work

How about ingestion? Web services are not strictly tightened to the DB. Can we do this?

Yes

James comment: agree with the naming conventions proposed by Stuart.

At DLS fastAPI is preferred to Flask due to simpler code structure and maintenance.

Presentation 2:

Mael Gaonach, pyISPYPB based on esrf requirements.

Slides will also be shared

Is SQLAlchemy performance the same with Flask and FastAPI? Should be.

CAVEAT: SQLAlchemy may or may not do what it's asked to, verify the results for the queries.