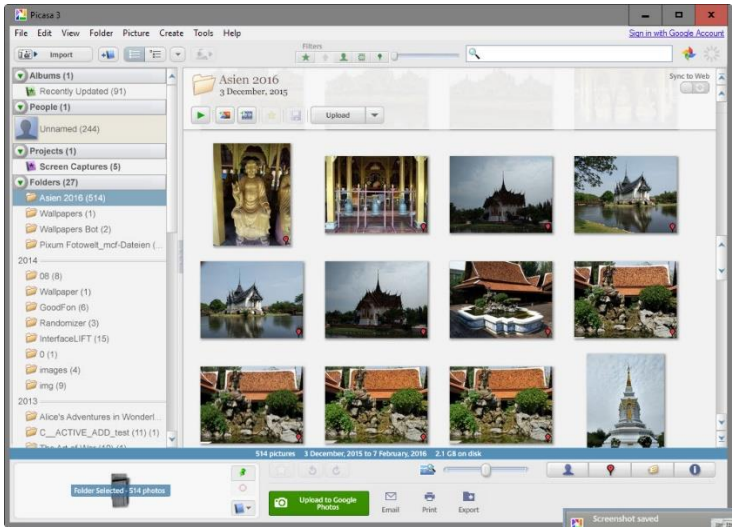**PYCTURES**

The project

During the training of ES technicians in application development, the first project consists of creating an application for a user using Picasa.

Google having stopped maintenance of Picasa, the goal is to create an application that can do the same tasks.

The application must be able to rename photos according to their shooting date but also to modify the metadatas.

Interesting metadatas are tags, people, location, commentary and favorite.

Technologies

Python 2.7
Use to code

GitHub
Use for versioning

TKinter for Python
Use for GUI

Pycharm
IDE for Python

Python exiv2
Use to handle metadatas
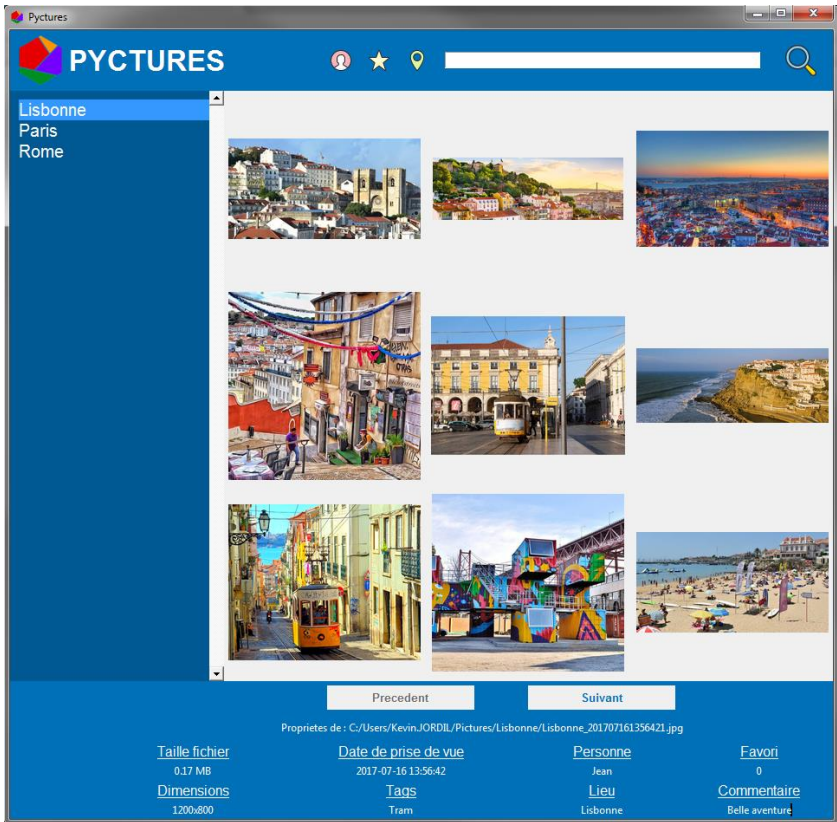

Markdown
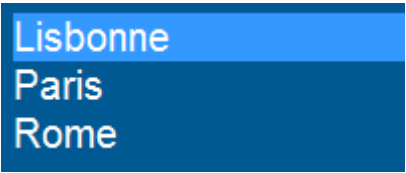Use for documentation

JSON
Use for better research

RegEx
Use to check file names

The result

The application works, it displays photos of the user.

The left menu allows the user to change the photo folder at any time.

By clicking on an image, the user can edit the metadatas of the image.

A search is also available. It allows searching in metadatas. The function uses three filters: Person, Favorite, Location. By default, filters are disabled but the user can activate them.