<p align="center">**Progress Report: 16/02/2017**</p>

<p align="center">Oussama ENNAFII: MATIS — TITANE
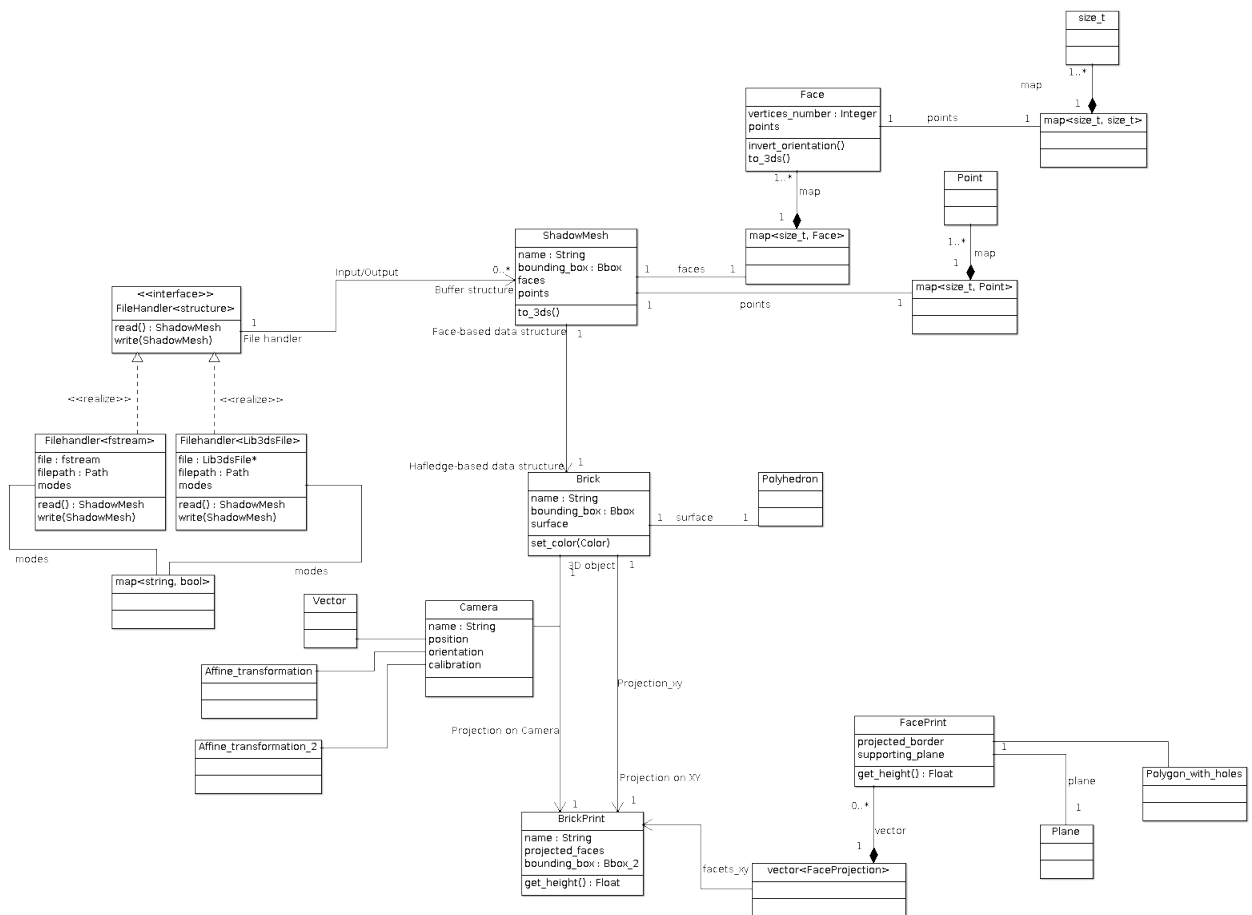Directors: Clément Mallet & Florent Lafarge</p>

Data:

- TODO:

    - I need to adapt my script for other XML formats and for tar file handling,

- Misc:

    - Corrected Bati3D: February, 9th 2017, appointement with Yannick Couturier (DPR): to correct models they subdivid building footprints.
    - There is a new project producing hand annotated 3D models.

Implementation:

Implementation status:

- Implemented:

    - Reader: 3DS and OFF,
    - Geomview viewer;
    - Automated testing;
    - Algorithms on bricks: area, contour length, affine transformations;
    - Project 3D models in 2D;
    - Occlusion management.

- To add:

    - Project 3D model on Camera;
    - Save projections into georeferenced vectorial images using GDAL;
    - Rasterize projections for DSM comparison.

- To complete:

    - Stitch Meshes (in order to stitch rooftops to facets);
    - Improve logging.

Figure 1: New changes to the program architecture.

Ideas:

There is nothing to report from the last time.

Results:

There is no results to report for now.

Attachments:

- You can checkout the Code in Github.

- You can also check the dev kaban.