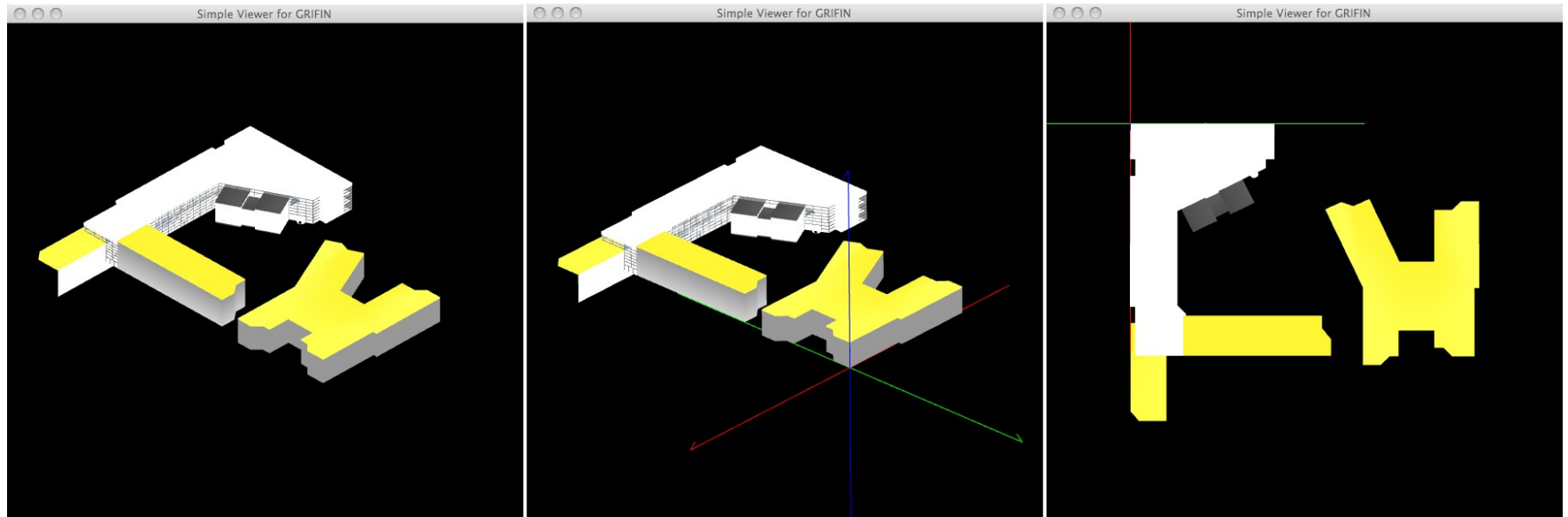


Visualization Aided Georeferencing of Individual 3d Models



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Visualization Aided Georeferencing of 3D Models

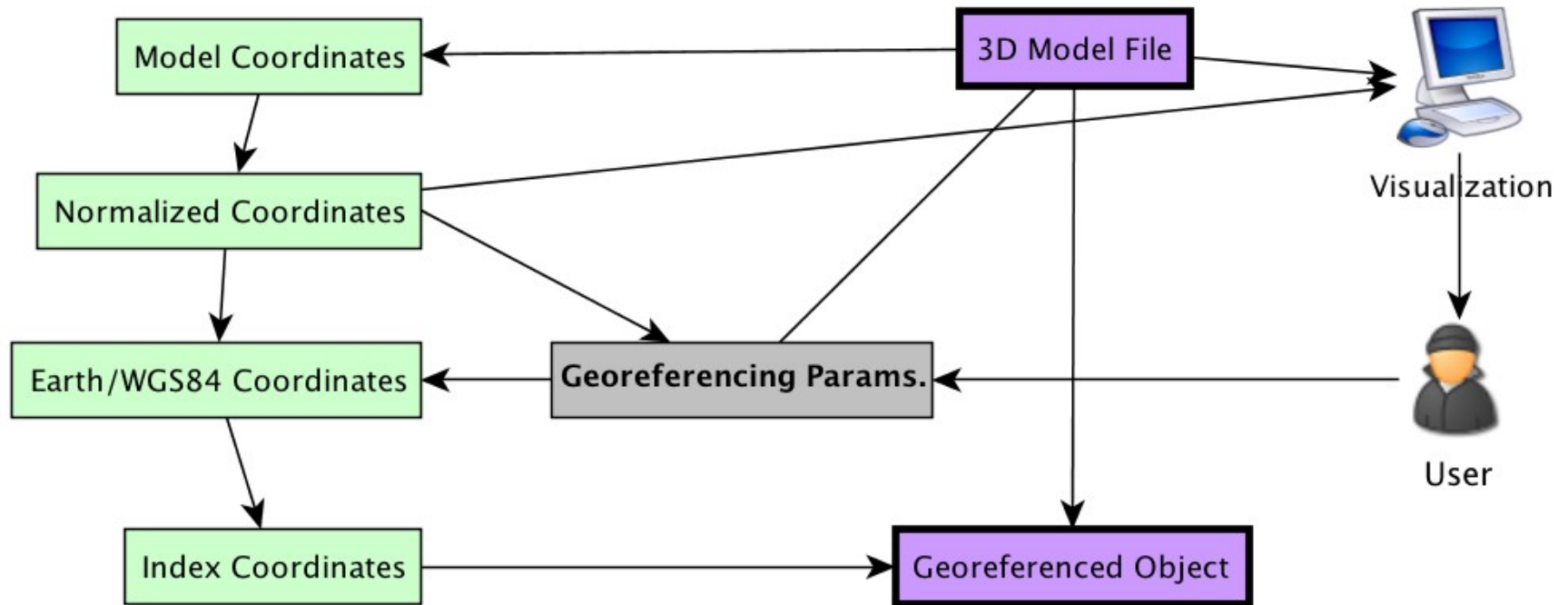
- What
 - Handling of individual 3d models both existing and new ones
- Why
 - Content for GRIFIN object-oriented, geo-visualization framework
- How
 - Georeferencing parameters relating 3d model with a global referencing system
 - Automatic detection of vertices
- Simple tool with at most two interactive steps

Motivation

- Utilize 3d models from editors in digital model-maps
- Designers <-> interactive model-map developers

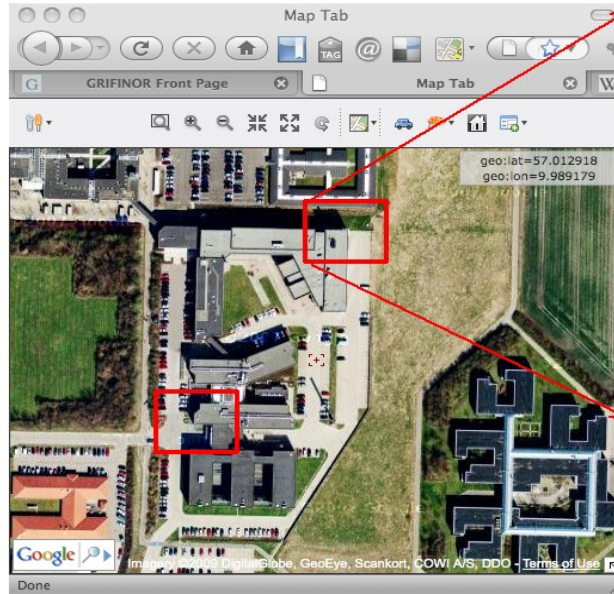
- Geographic Reference Interface For Internet Networks
 - geo-visualization framework.
 - object-oriented content.

Method



Georeferencing Tool

geo:lat=57.012577
geo:lon=9.988090



geo:lat=57.013609
geo:lon=9.989475

Conclusion

- Georeferencing context must be defined (unobvious)
- Simple, interactive yet exact tool for non-GIS users
 - Georeferencing parameters
 - up to two interactive steps
 - Some errors are introduced by the method
- Reusable for
 - Concrete applications - collective 3d mapping service
 - Explanation of basic concepts of formal georeferencing - education / student projects
- Work in progress
 - www.3dgi.dk/GeoReferencing
 - Source code available