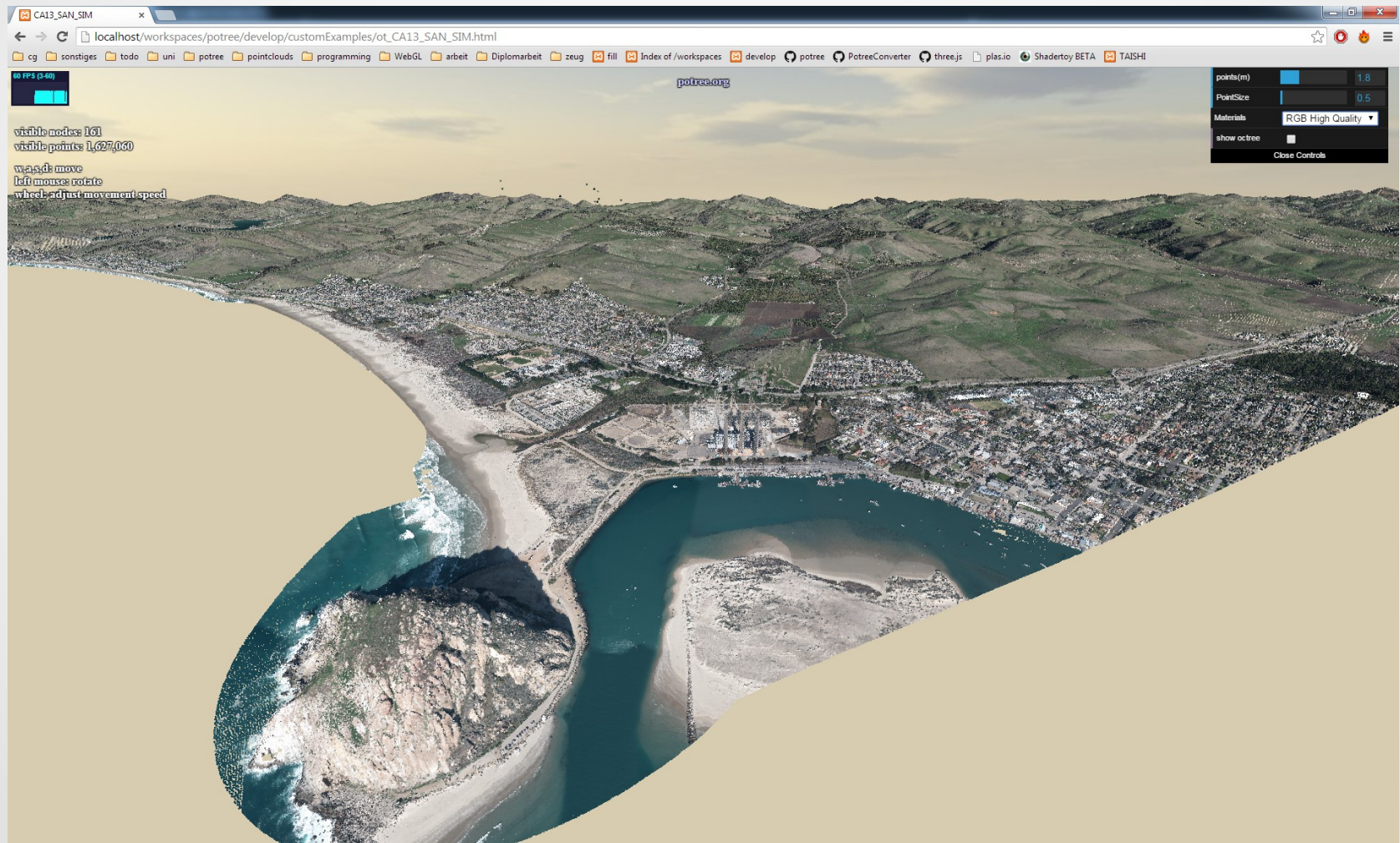




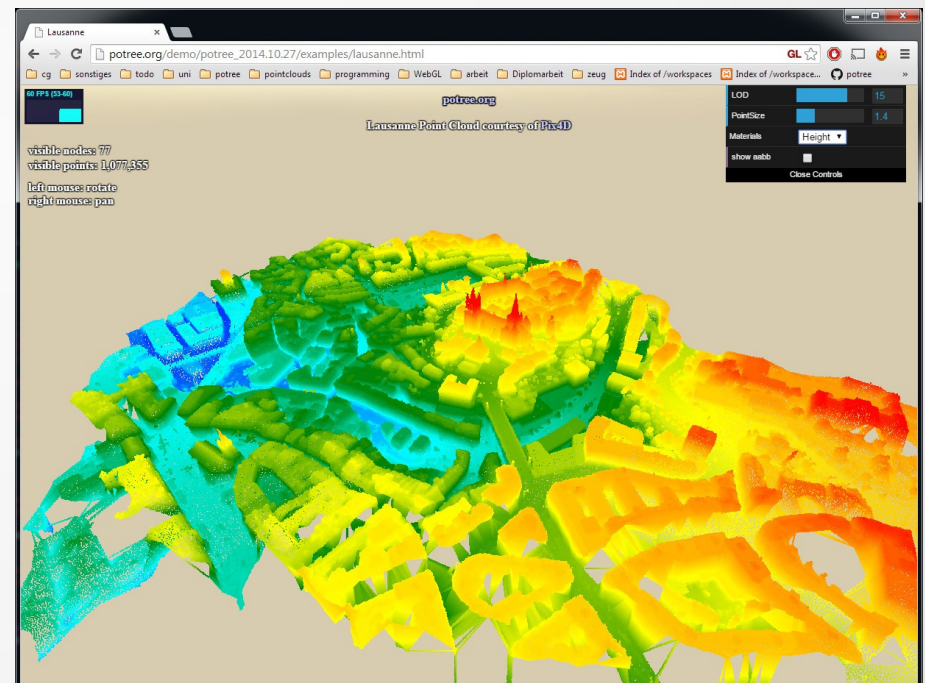
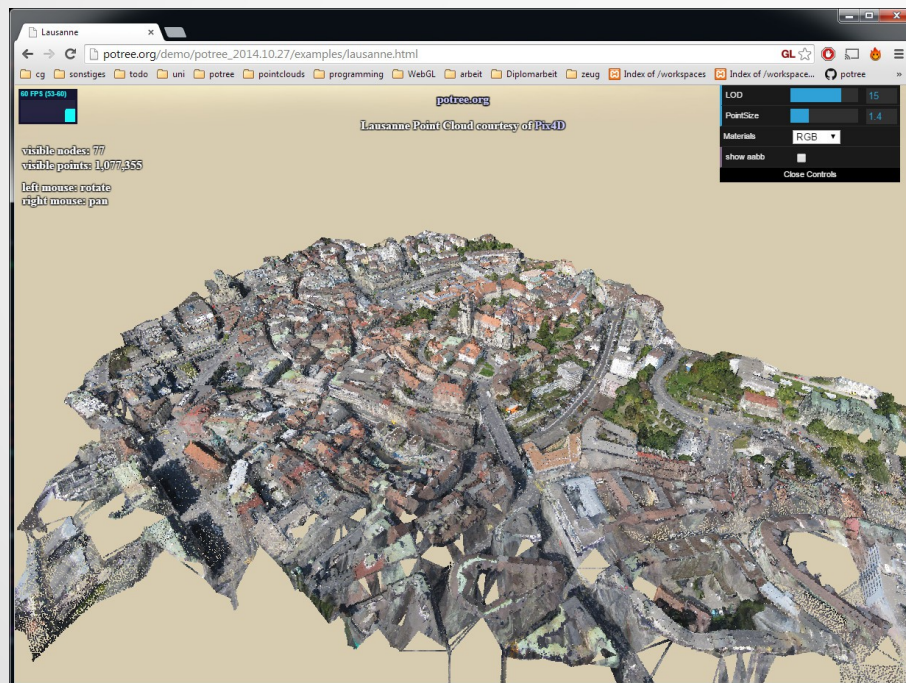
# Potree - Rendering Point Clouds in Web Browsers

Markus Schütz, [www.potree.org/](http://www.potree.org/)

# Potree



# Potree



# Potree

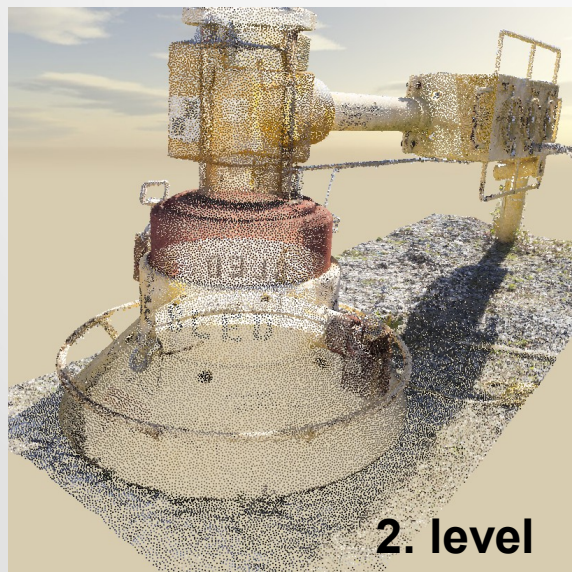
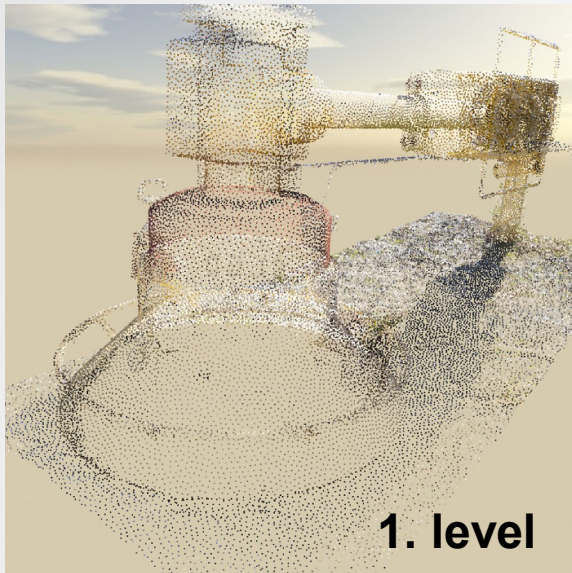
- Based on Scanopy, a desktop point cloud viewer from the TU Wien computer graphics department
- Free and Open Source, available on github
- Now continued as master thesis under the Harvest4D project



# Potree

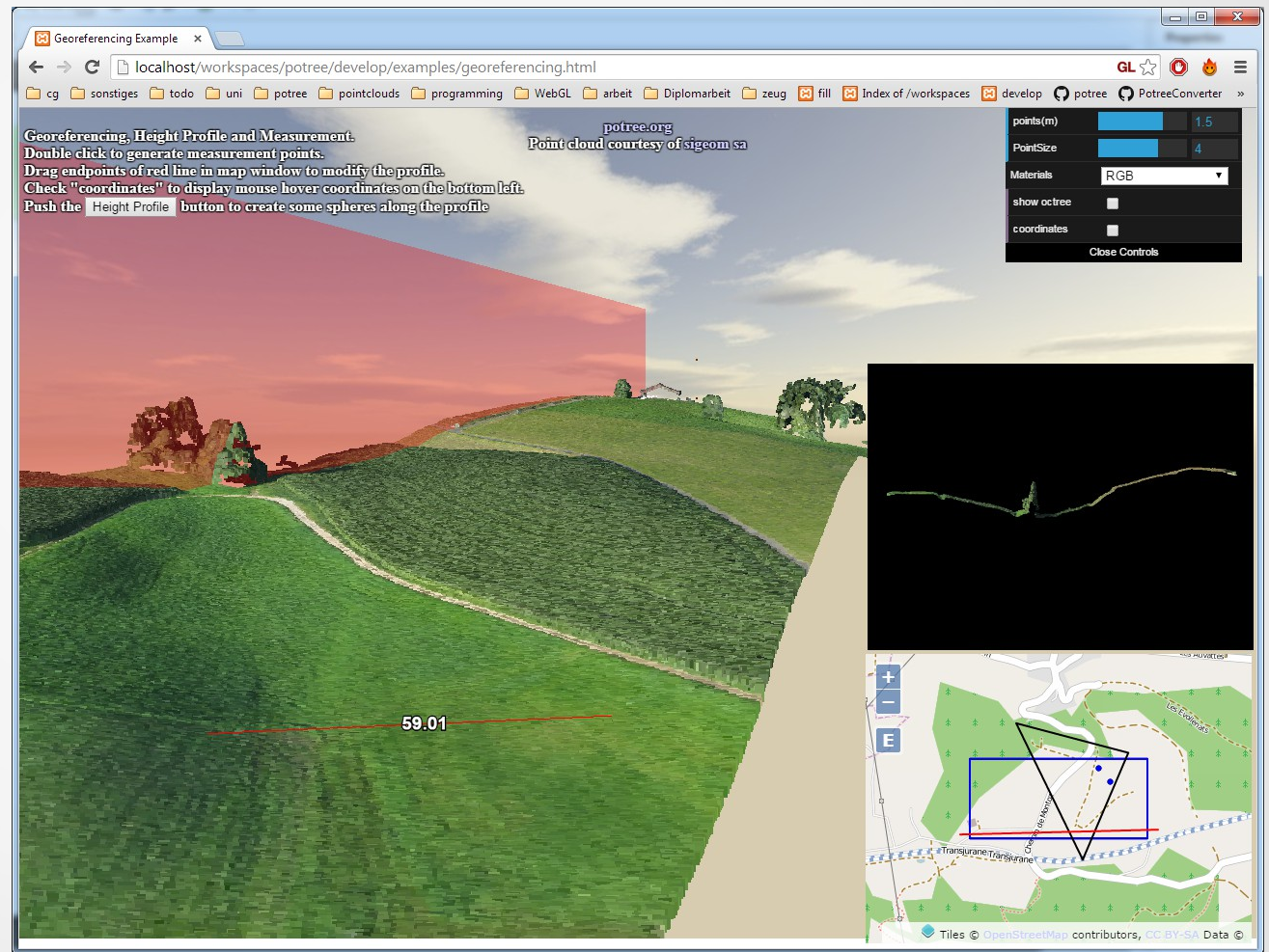
- Web Viewer for large point clouds
- Uses WebGL / three.js
- No Plugins required
- Entirely client side, no server side applications
- Create multiple resolutions of point data
- Loading visible regions up to a certain level of detail

# Potree





- Georeferencing
- Measurement
- Height Profile



# Potree

**What are your needs for a point cloud viewer?**



# Potree

**Thank you for your attention**

[potree.org](http://potree.org)

[github.com/potree](https://github.com/potree)

[harvest4d.org](http://harvest4d.org)