

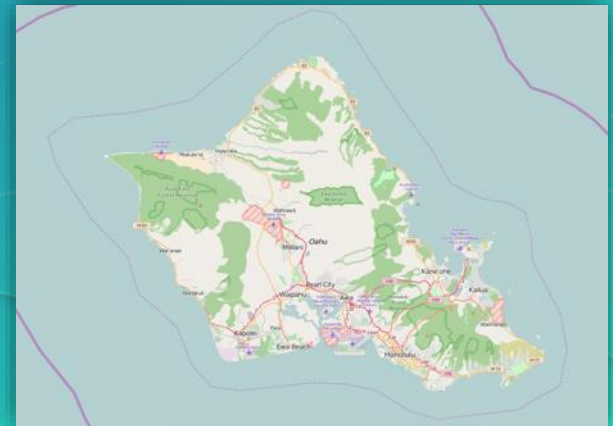
OpenStreetMap and ArcGIS: *Mapping the Future*

Clint Loveman & Steve Moore

What is OpenStreetMap (OSM)?

“...a free, editable map of the whole world that is being built by volunteers largely from scratch and released with an open-content license.”

http://wiki.openstreetmap.org/wiki/About_OpenStreetMap



What is OpenStreetMap (OSM)?

Community Aspect

- Users ! (editors, consumers, developers)

4,013,907 users

- OpenStreetMap Foundation

1,000+ members

- National & regional groups

~15 national chapters

- Organizations

- Humanitarian OSM team (HOT)

~45 mapping efforts

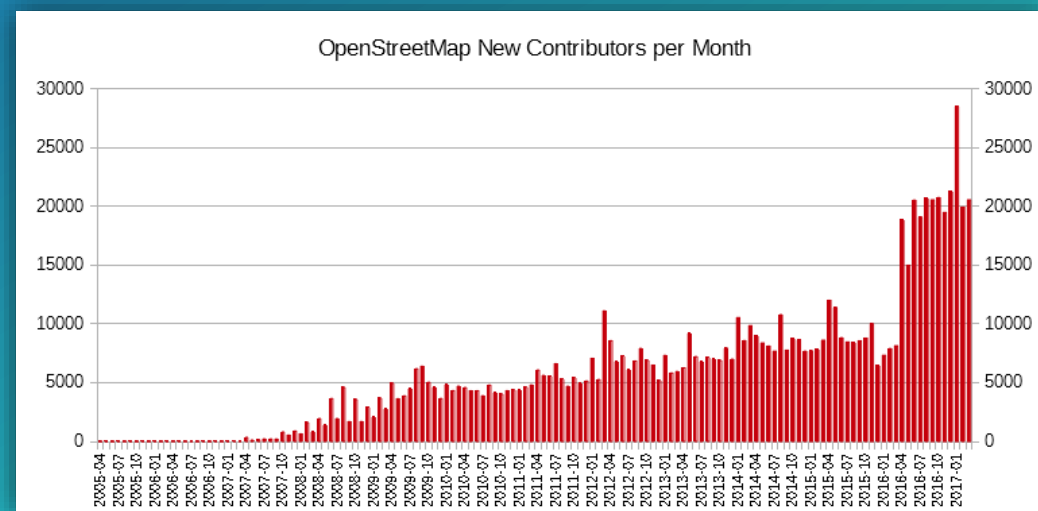
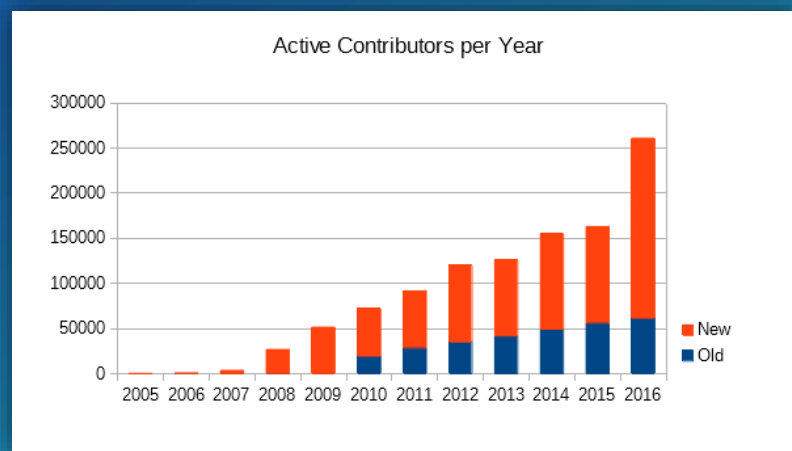
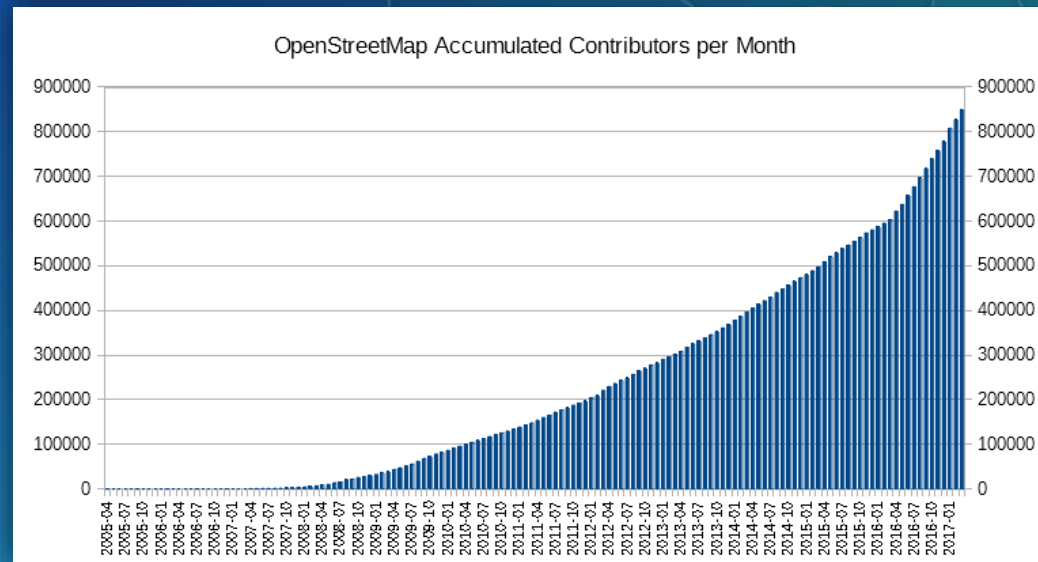
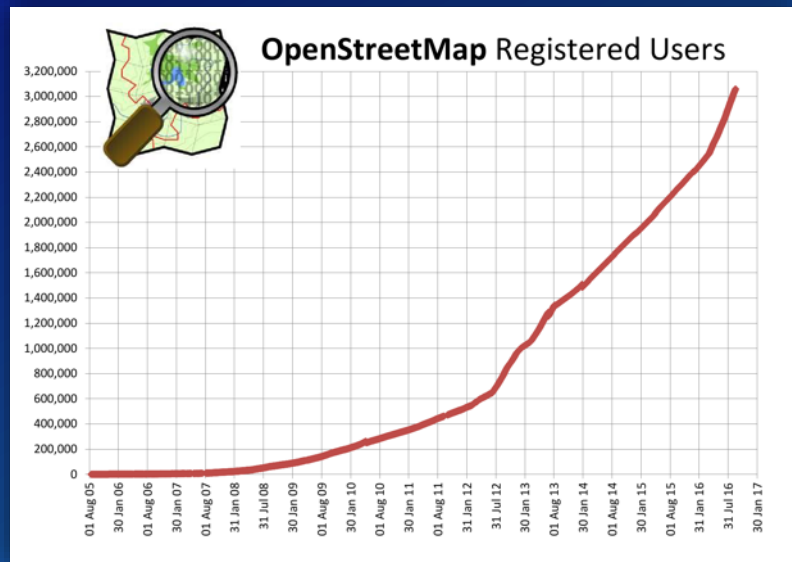
- World Health Organization

- Esri



State of the Map US 2015 Conference

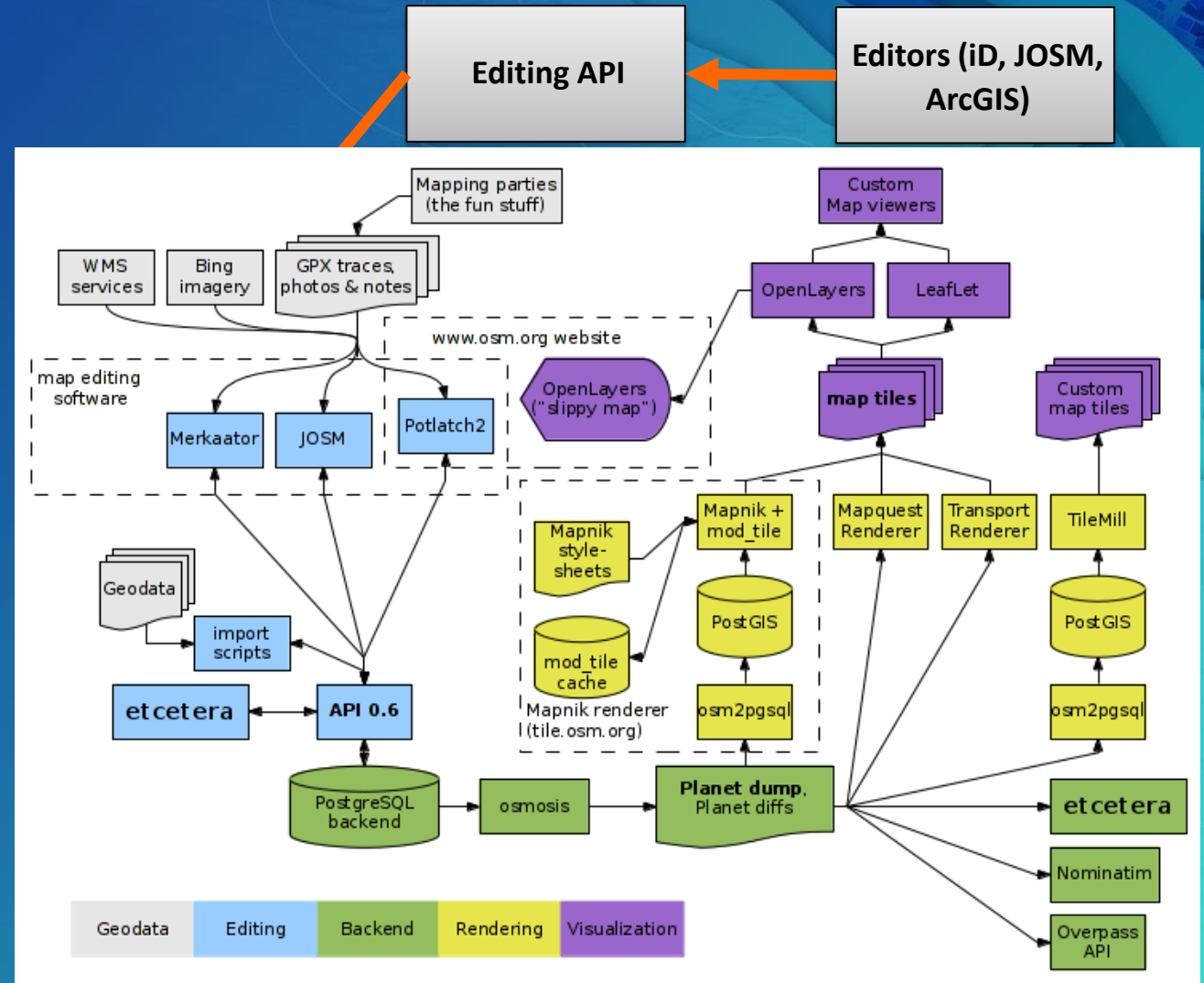
OSM growth



What is OpenStreetMap (OSM)?

Technical Aspect

- Backend data
- Editors
 - iD
 - JOSM
 - ArcGIS Editor for OpenStreetmap
- APIs
 - OSM Editing
 - XAPI
 - Overpass
- The Map



OSM and Esri

Products, projects and prototypes

- OSM Basemap
 - OSM data in Esri basemaps
 - CityEngine
 - ArcGIS Editor for OpenStreetMap
 - OSM Gold corporate member
-
- Data QA/QC comparison GP toolset
 - Product On Demand (POD) mapping/PDF exports
 - OSM editing from ArcGIS Services via iD
 - Esri hosted live OSM Geodatabase/services



ArcGIS Editor for OpenStreetMap

Version 10.5.x Desktop

- Toolset for reading/writing OSM data inside of ArcMap

<https://www.arcgis.com/home/item.html?id=4533407decd94428817a228cb36964cf>

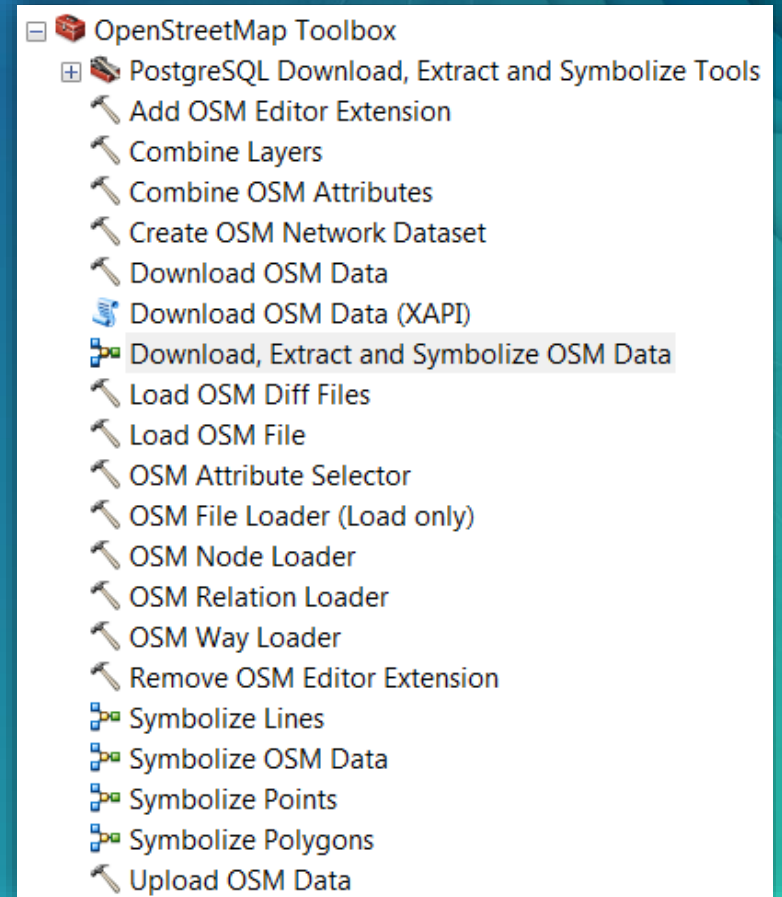
- Free and open-source

<https://github.com/Esri/arcgis-osm-editor>

- Analysis and Network capabilities

- Create custom models
 - Download data
 - Symbolize
 - Upload edits

- Encourages involvement into the OSM community





Esri & OSM

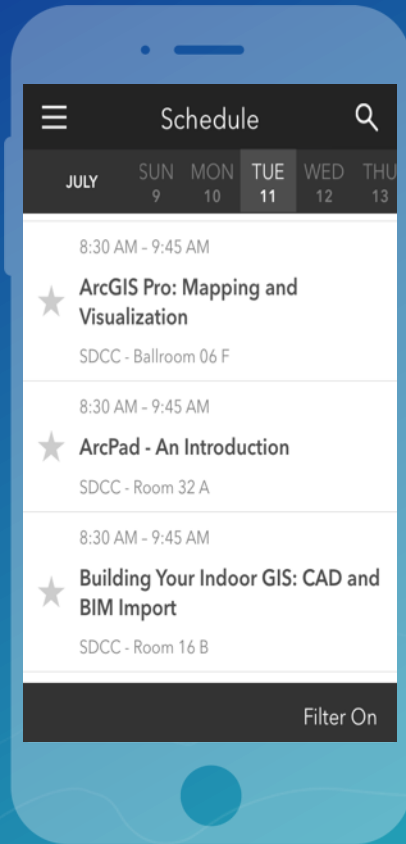
Demos

Please Take Our Survey on the Esri Events App!

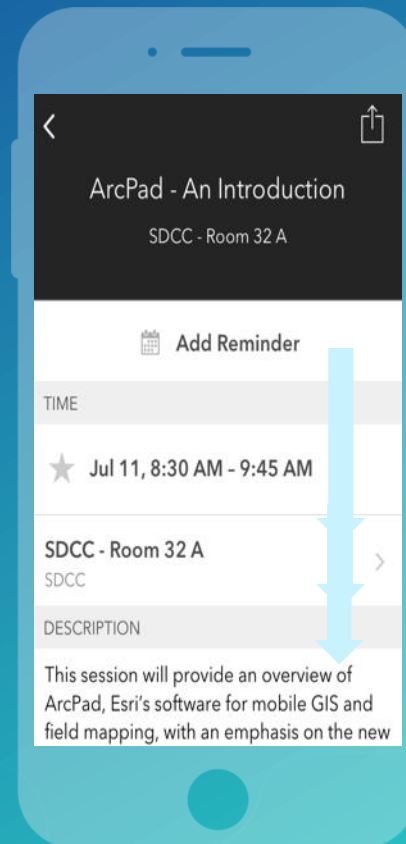
Download the Esri Events app and find your event



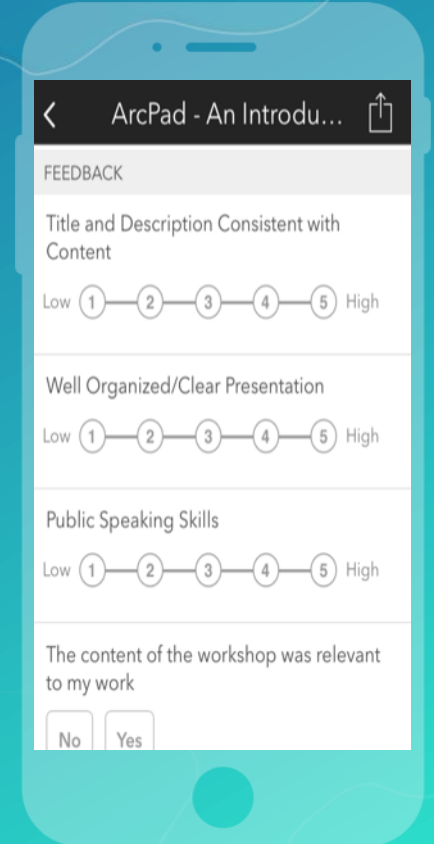
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"





esri

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SCIENCE
OF
WHERE