



OSM Buildings.org • Jan Marsch

 **@osmbuildings**

State of OSM Buildings

OSM Buildings

- Open Source
- Layer for Leaflet and OpenLayers
- 2D vectors or WebGL
- Building data service

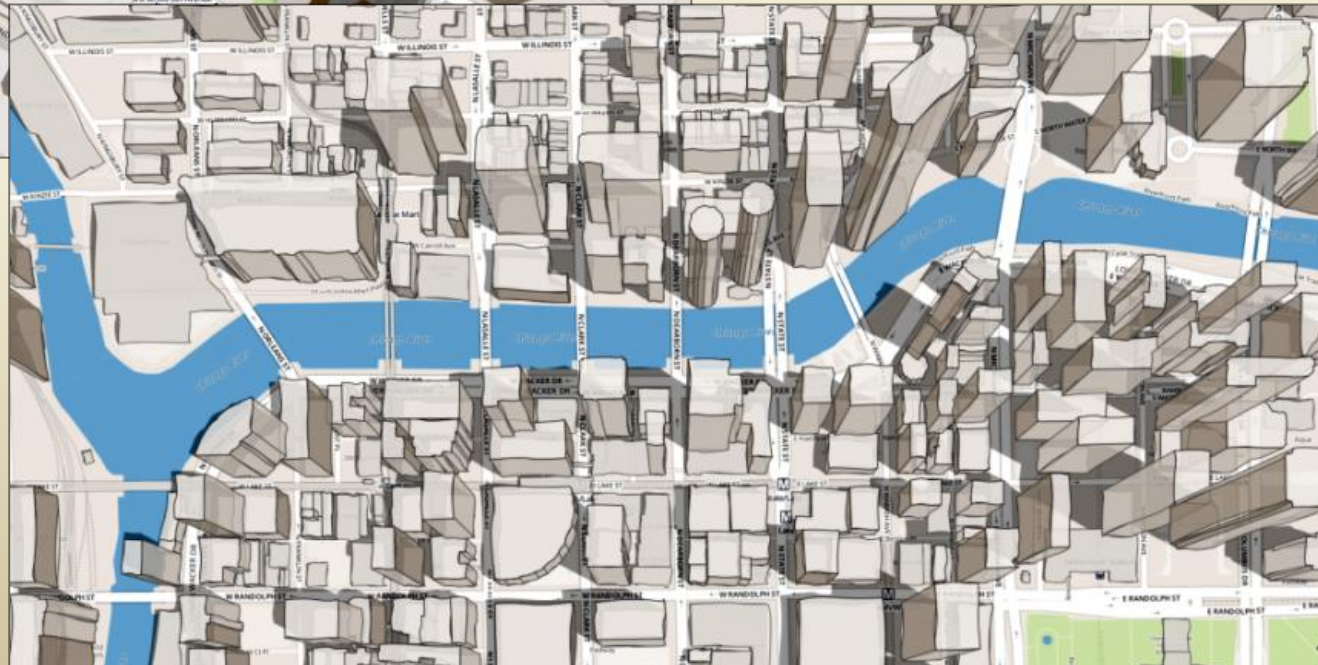


Appearance



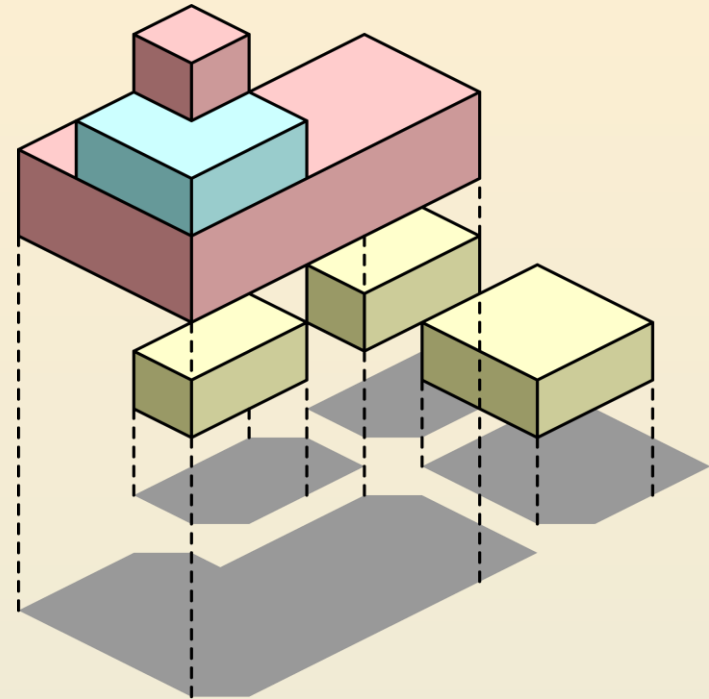
osmbuildings.org/sketch

osmbuildings.org



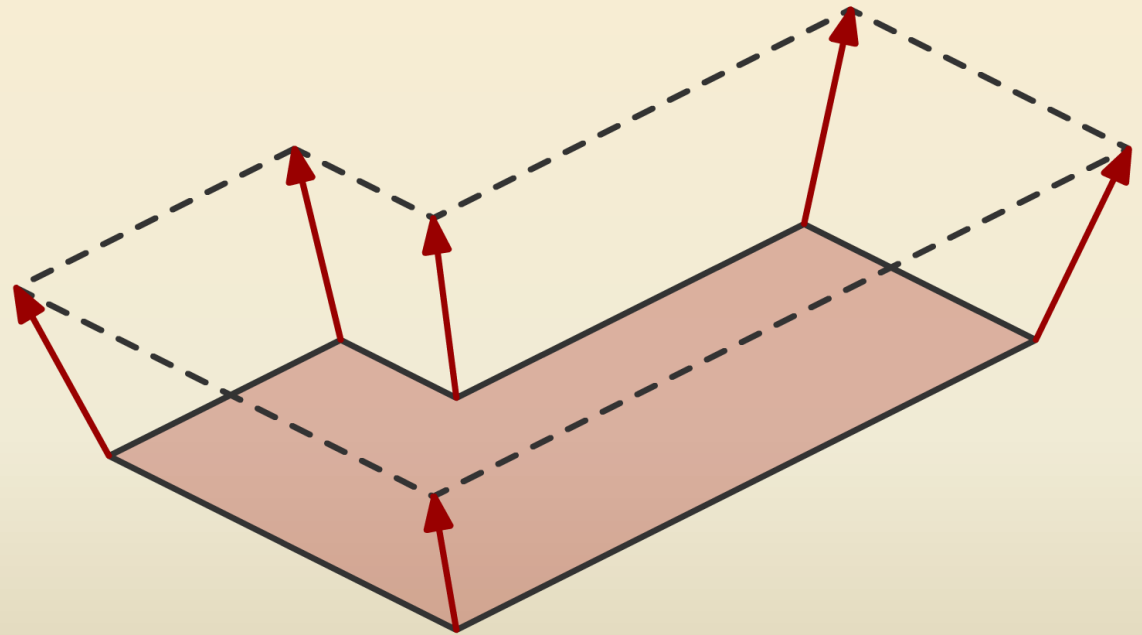
Rendering

- 2.5D Buildings: dynamic perspective
- Flat Buildings: simple - few updates
- Shadows: one operation - few updates



Footprint + height

- Server side preprocessing
- GeoJSON format
- Color / material
- Building type



State of WebGL

- Smooth zoom
- Rotation, tilt
- Complex objects
- Complex issues



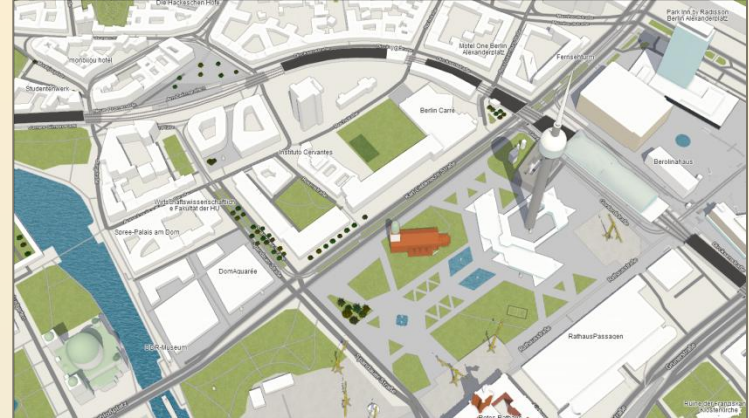
City model Berlin



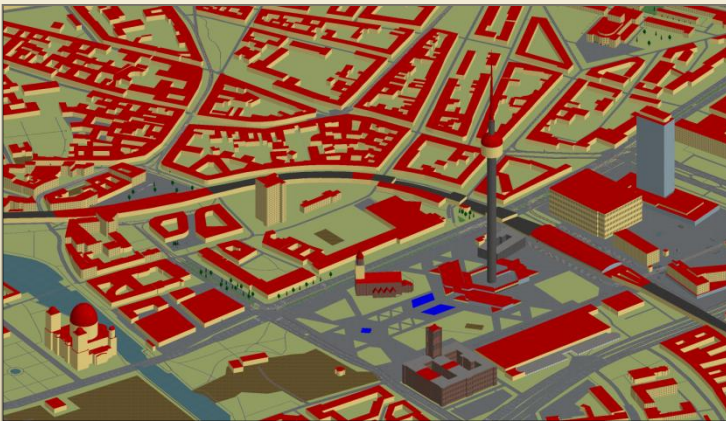
Colleagues



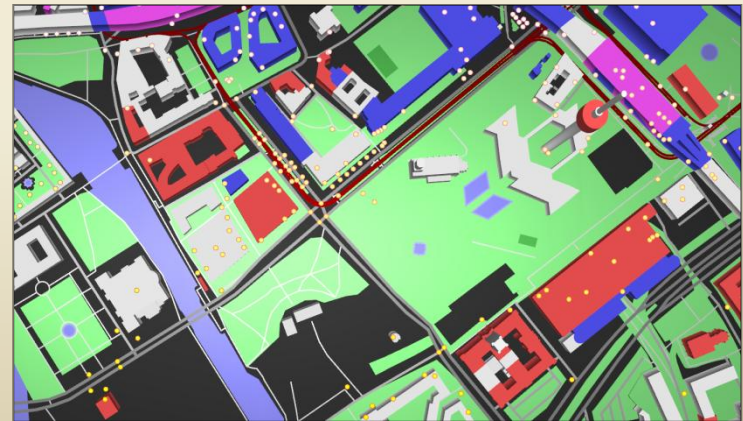
ViziCities (vizicities.com)



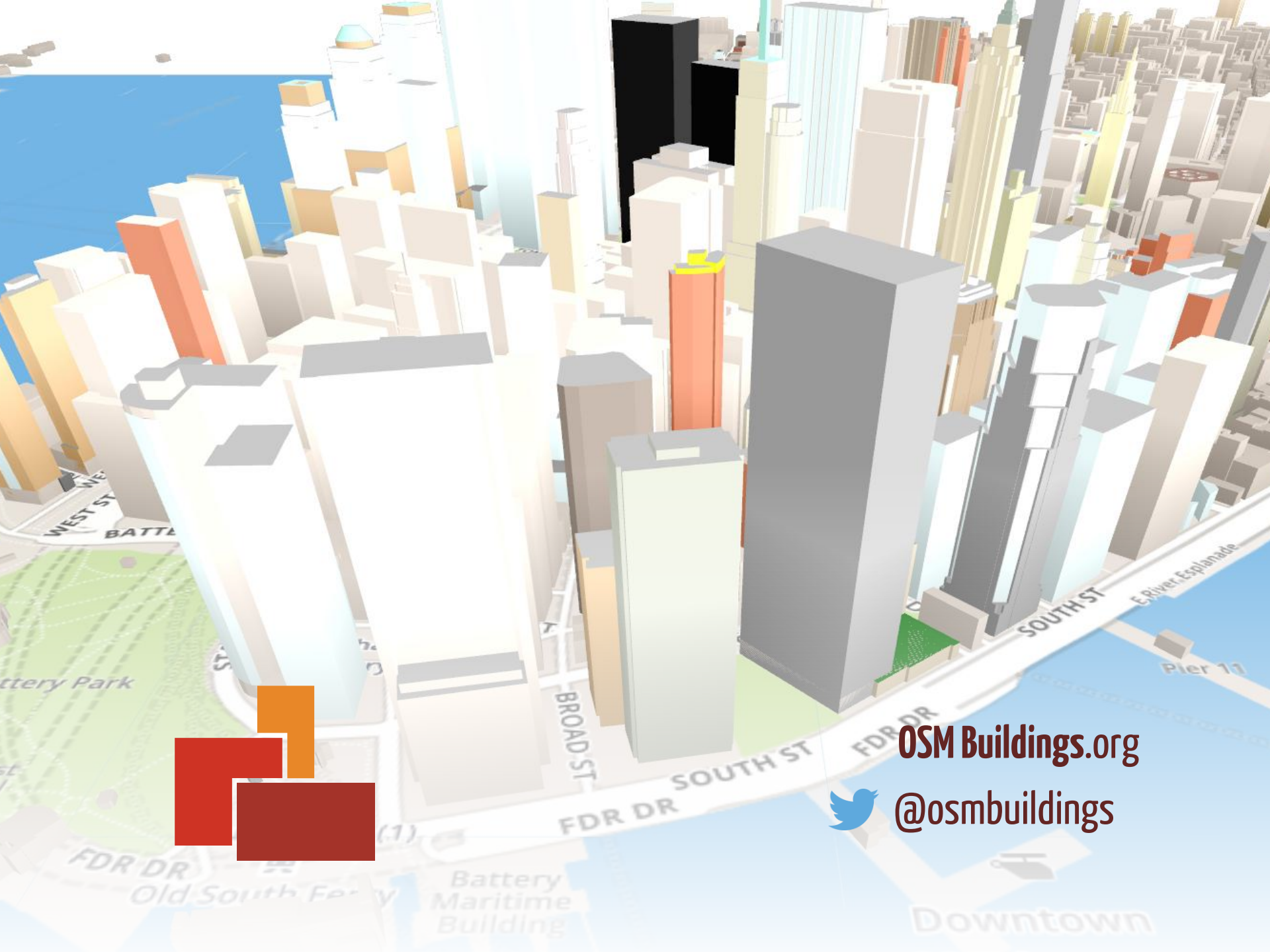
F4 Map (demo.f4map.com)



OSM2World (maps.osm2world.org)



Tangram (mapzen.com/tangram)



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