



# Open Data and Beautiful Maps

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*Collaboration  
over Competition*



# The Agenda

- Open Data
- Maps in 10 minutes
- Beautiful Maps



# Open Data

- What?
- Why?
- Who?
- Where?
- How?



# What is open data?

Information that is publicly and accessibly available for everyone.

Examples:

- Census data
- Topographical data
- Human genome
- Works in the public domain



# Why is open data important?

- Transparency
- Collaboration
- New ideas without restriction



# Who benefits from open data?

- Citizens
- Politicians
- Developers



# Where can you get it?

- [data.vancouver.ca](http://data.vancouver.ca)
- [ca.ckan.net](http://ca.ckan.net)
- [translink.bc.ca](http://translink.bc.ca)
- [data.gov](http://data.gov), [data.gov.uk](http://data.gov.uk)
- [datadotgc.ca](http://datadotgc.ca) initiative



# Concerns

- Privacy
- Cost



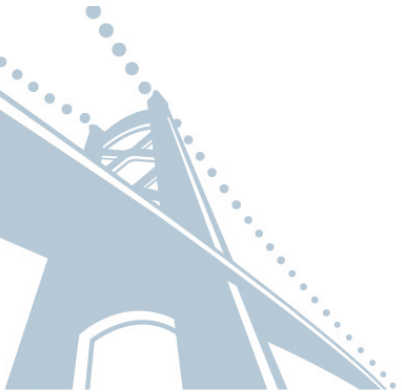
# How can you use it?

I'll show you!



# Maps in 10 minutes

I'll show you!



# Maps in 2 minutes

[github.com/tylor/quickmaps](https://github.com/tylor/quickmaps)

Install profile with simple content type and view feature, all preconfigured and ready to go.

Build with drush make, install, ready to go!



# Beautiful maps

- Data storage
- Display
- Overlays/Markers
- Tilesets



# Data storage

- CCK text field
- Geo
- Location
- Geotaxonomy
- OpenLayers WKT



# Display

- Google Maps
- OpenLayers



# Overlays/markers

- Marker managers, clustering
- Polygons
- Heatmaps and custom layers



# Tilesets

- Prebuilt
  - Google
  - Bing
  - Mapbox
  - Open Street Map
- Custom generated



# Generating tiles

- Quantum GIS
- Mapnik
- Cascadenik
- Quantumnik
- TileLite for testing
- Tilemill for production



# Future

- Color module
- Tileset styles
- Geo-enabled software



# Resources

[github.com/tylor/quickmaps](https://github.com/tylor/quickmaps)

[github.com/tylor/vancouver-mapping](https://github.com/tylor/vancouver-mapping)

## Questions?

