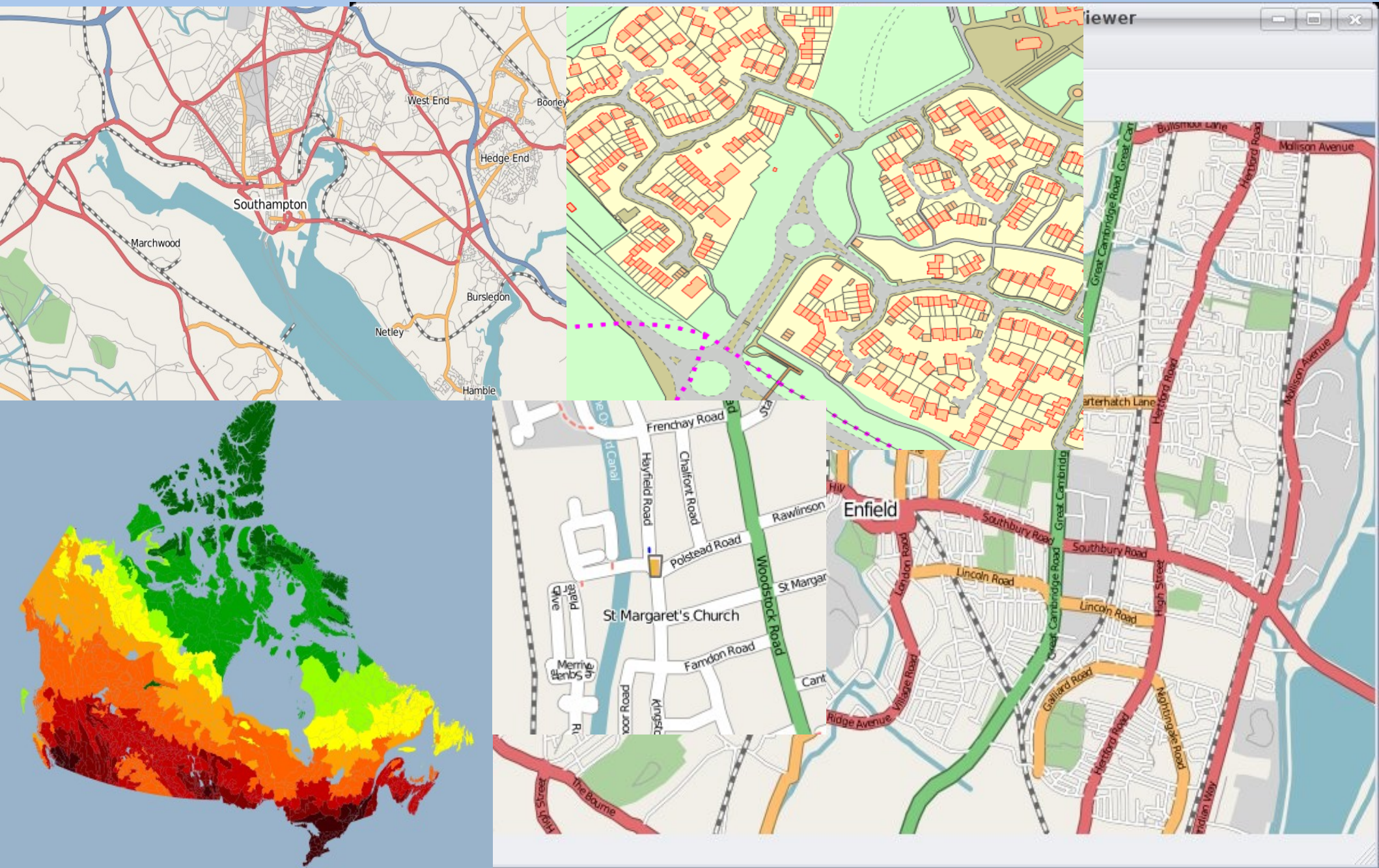


Mapnik.org



What is Mapnik?

- Core C++ library
- Python bindings
- Toolkit for developing mapping applications
- WMS 1.1.1 and 1.3.0
- Rendering engine for TileCache/OpenLayers

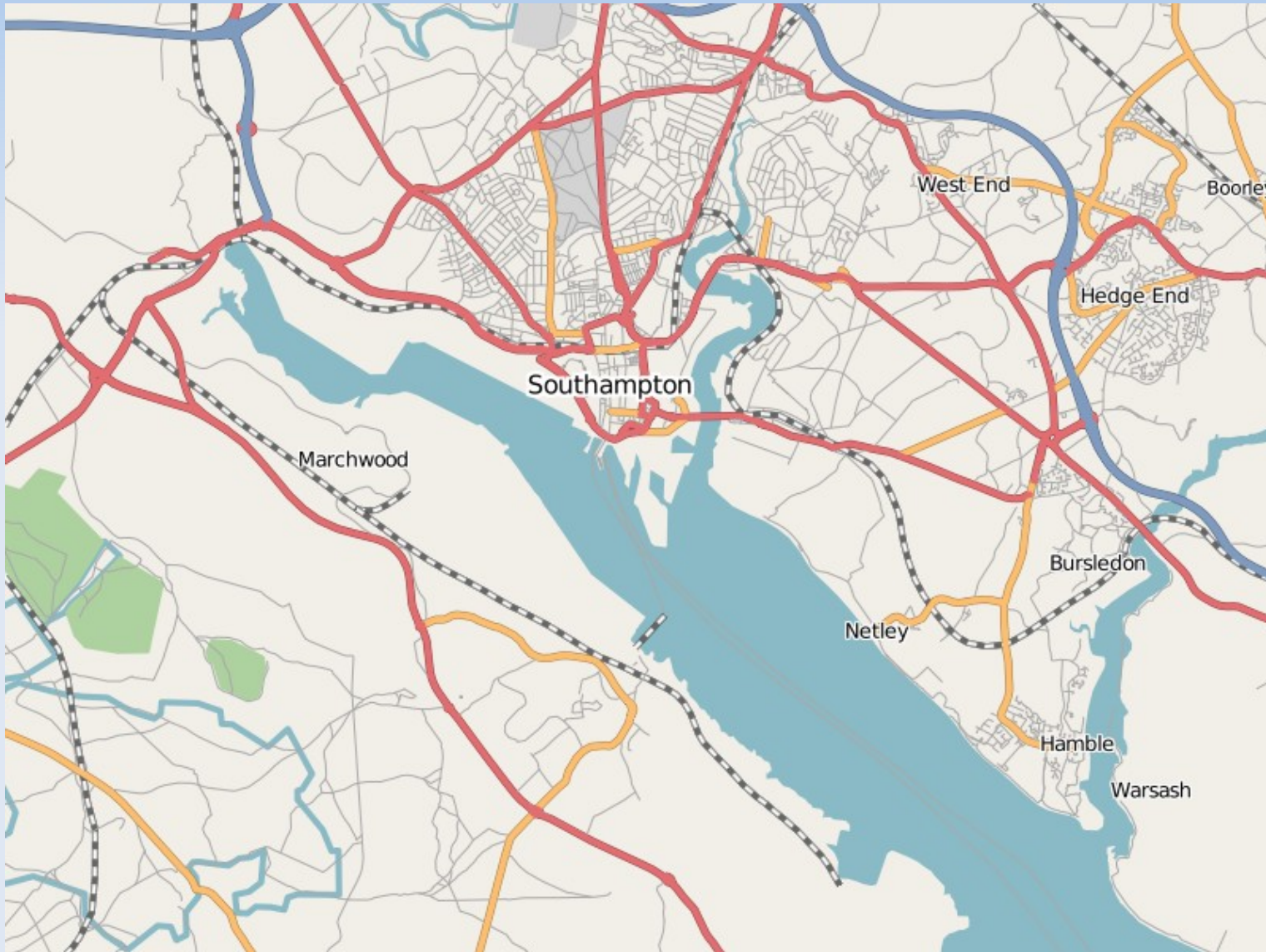
Why Mapnik?

- Google Maps – great service but it is not free
- UMN Mapserver and others – free software but room for improvement
- Tools I'd like to work with myself
- Free software is the future :)

Simple or complex

```
>>> from mapnik import *  
>>> m = Map(800,600)  
>>> load_map(m,'osm.xml')  
>>> render_to_file(m,'map.png','png')
```

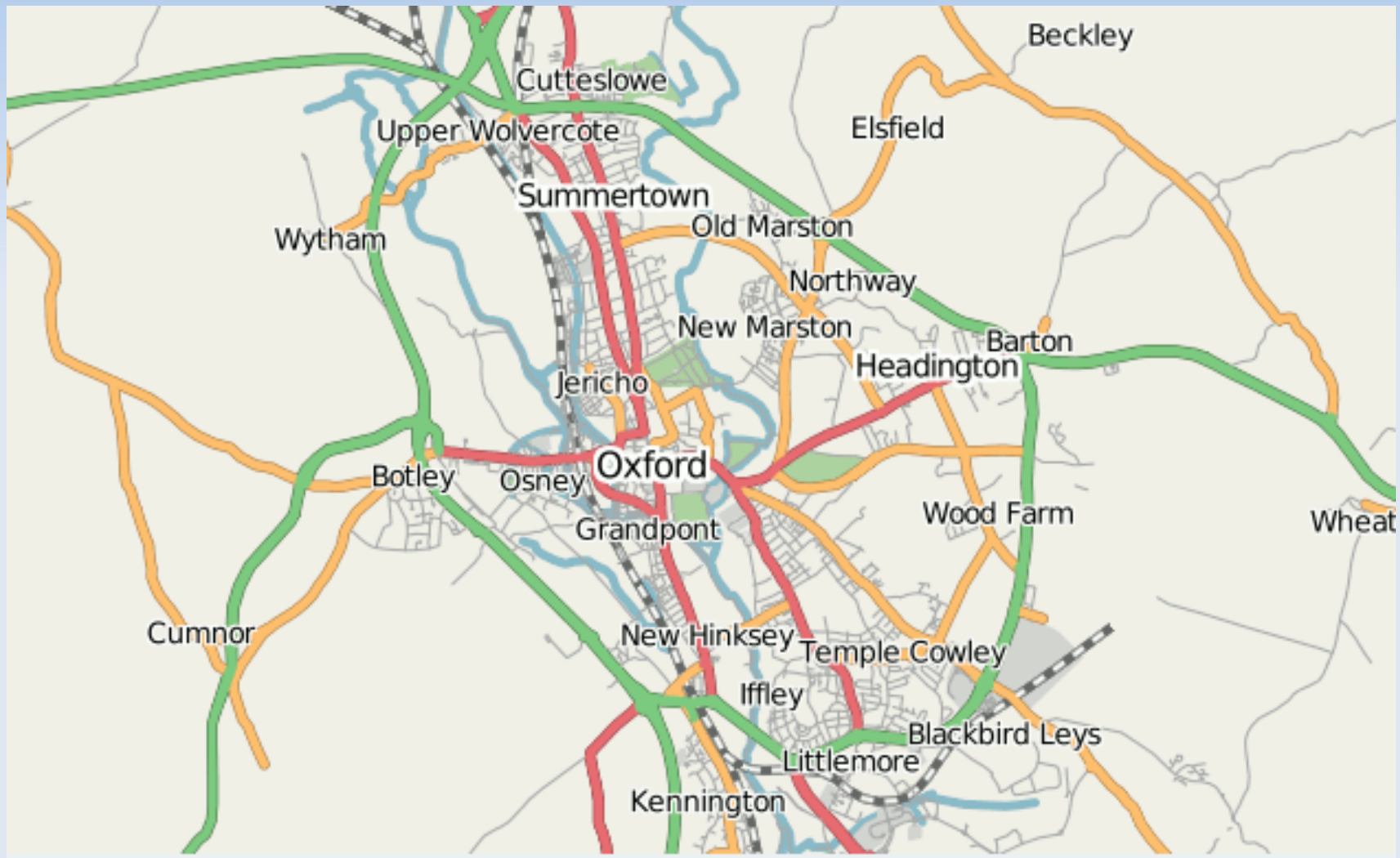
and



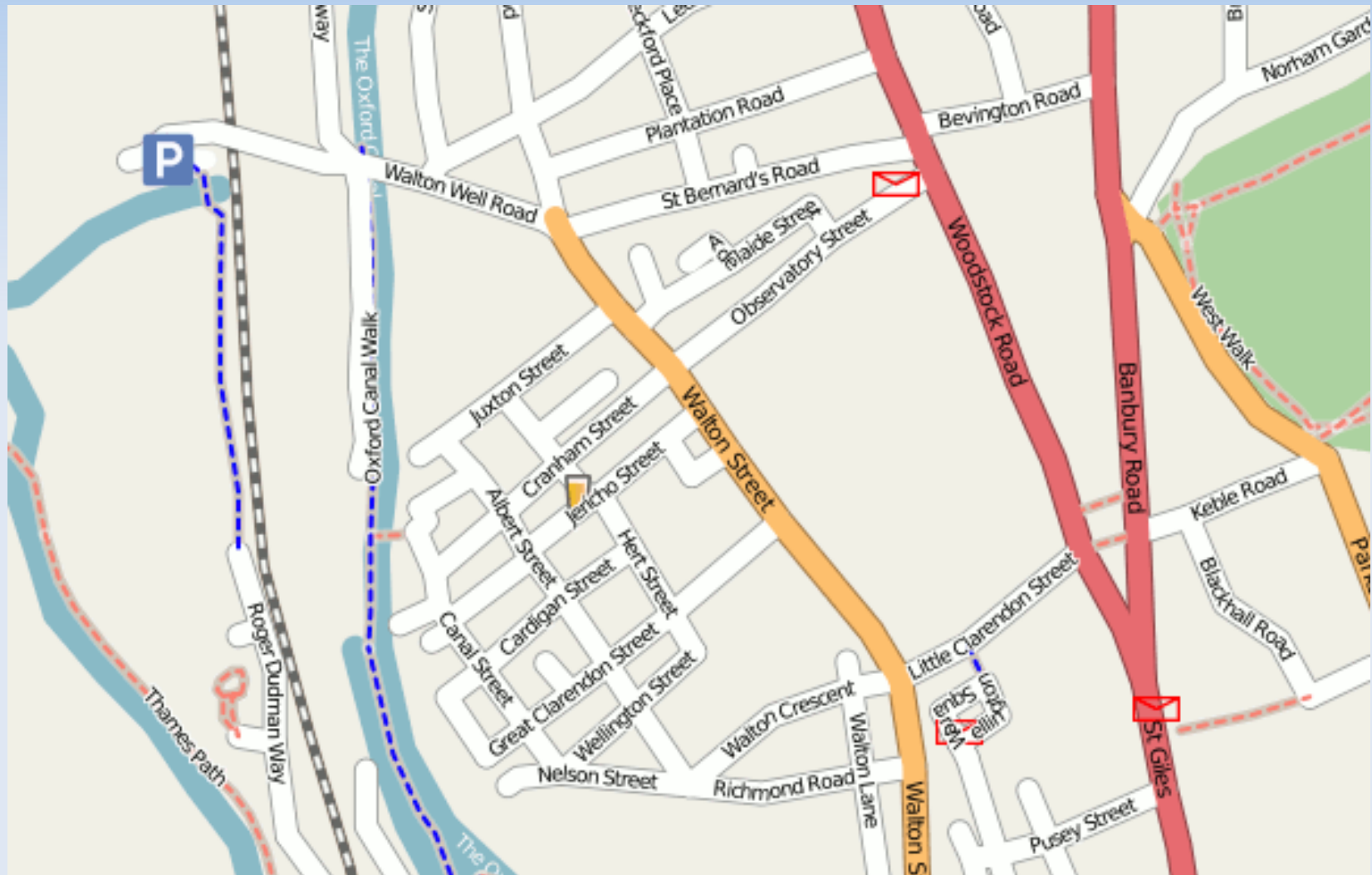
Users of Mapnik

- GeospatialVision.com
- 10east.com
- Openstreetmap.org
- free-map.org.uk
- more ...


Maps - planet.osm



Maps - planet.osm



Maps - Boston Map

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restaurants in Harvard Square

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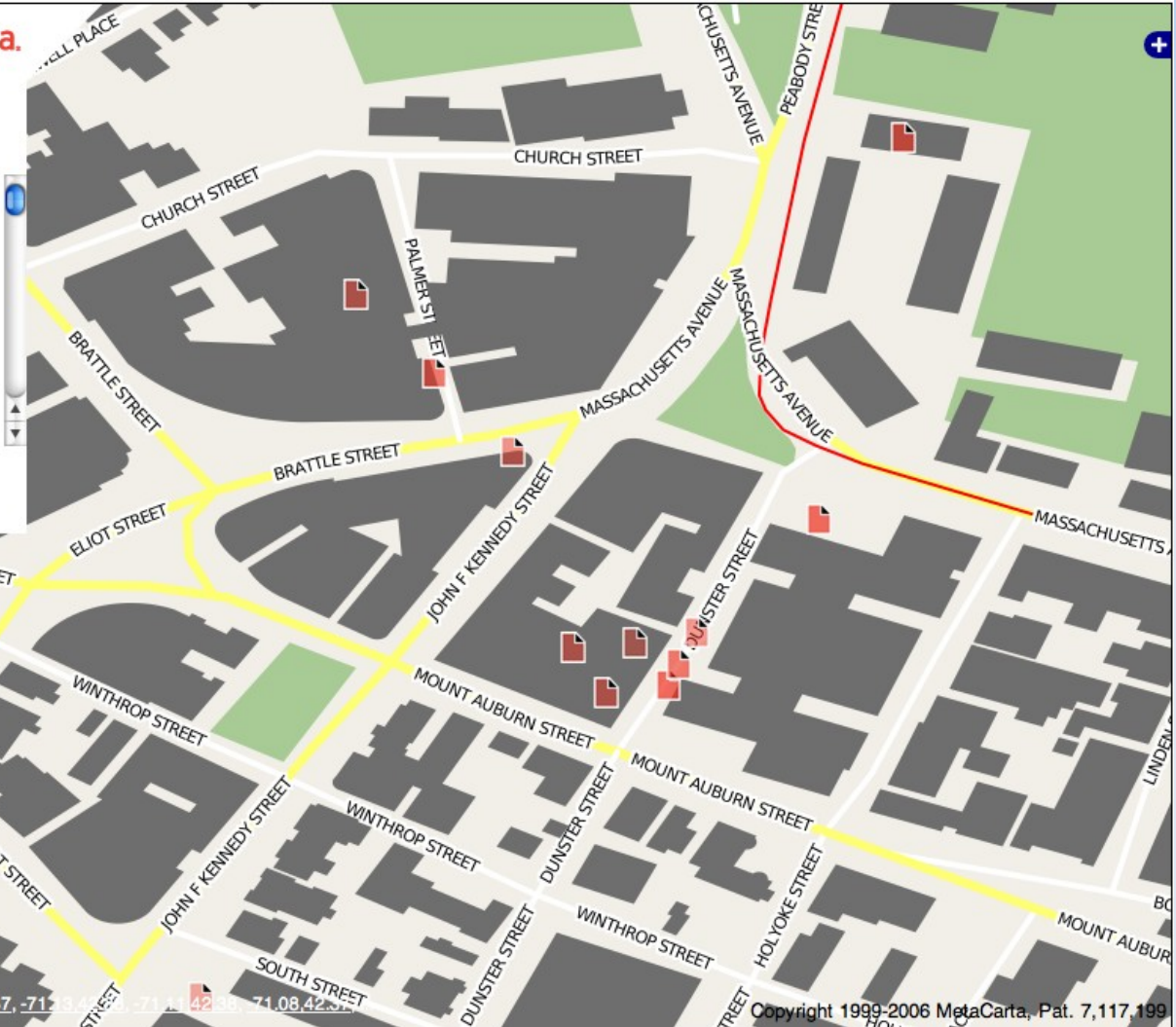
[Harvard Commercial Impact Letter](#)
1350 Massachusetts Avenue Cambridge, Massachusetts 02138
http://www.ci.cambridge.ma.us/~CDD/cp/tg/tg2001/tg_harvard_c

[P 4: Harvard Square History & Dev't by Charles Sullivan, CHC](#)
P 4: [Harvard Square History & Dev't b](#)
<http://www.ci.cambridge.ma.us/~Historic/hsqhistory4.html>

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scheduled in [Brattle Hall](#) (Bunting, Report
<http://www.ci.cambridge.ma.us/~Historic/hsqhistory4.html>

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several banks. The [Harvard Coop](#) was less than on
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Links

- [Mapnik home](#)
- [Demo](#)
- [Boston Map](#)