



OpenStreetMap



Steve Coast
steve@asklater.com

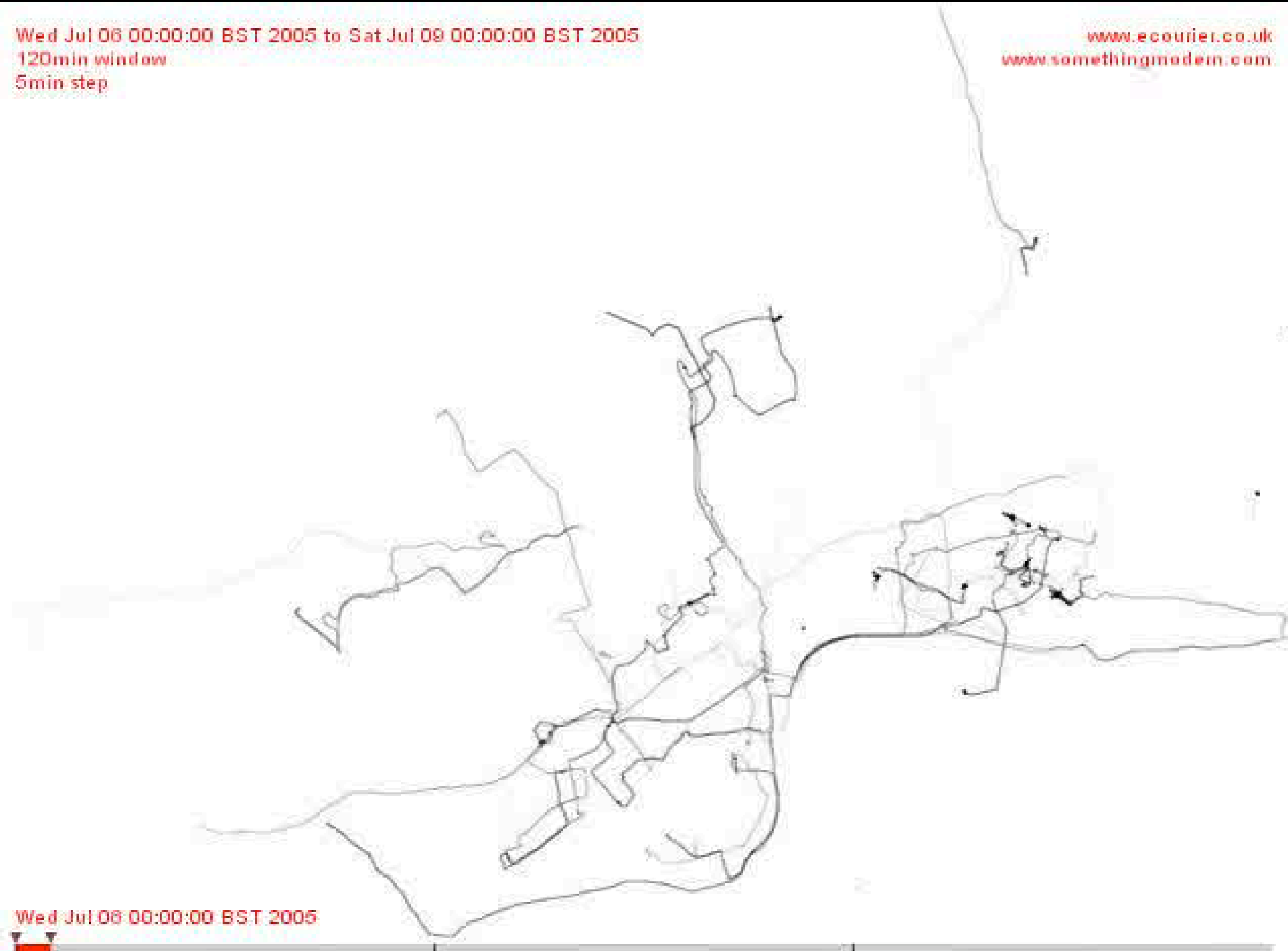
Wed Jul 06 00:00:00 BST 2005 to Sat Jul 09 00:00:00 BST 2005

120min window

5min step

www.ecourier.co.uk

www.somethingmadem.com



Wed Jul 06 00:00:00 BST 2005





Why OSM?

- Geodata isn't
 - Free
 - Open
 - Current
- Wiki is obvious next step
- It's just *fun*





We make beautiful maps

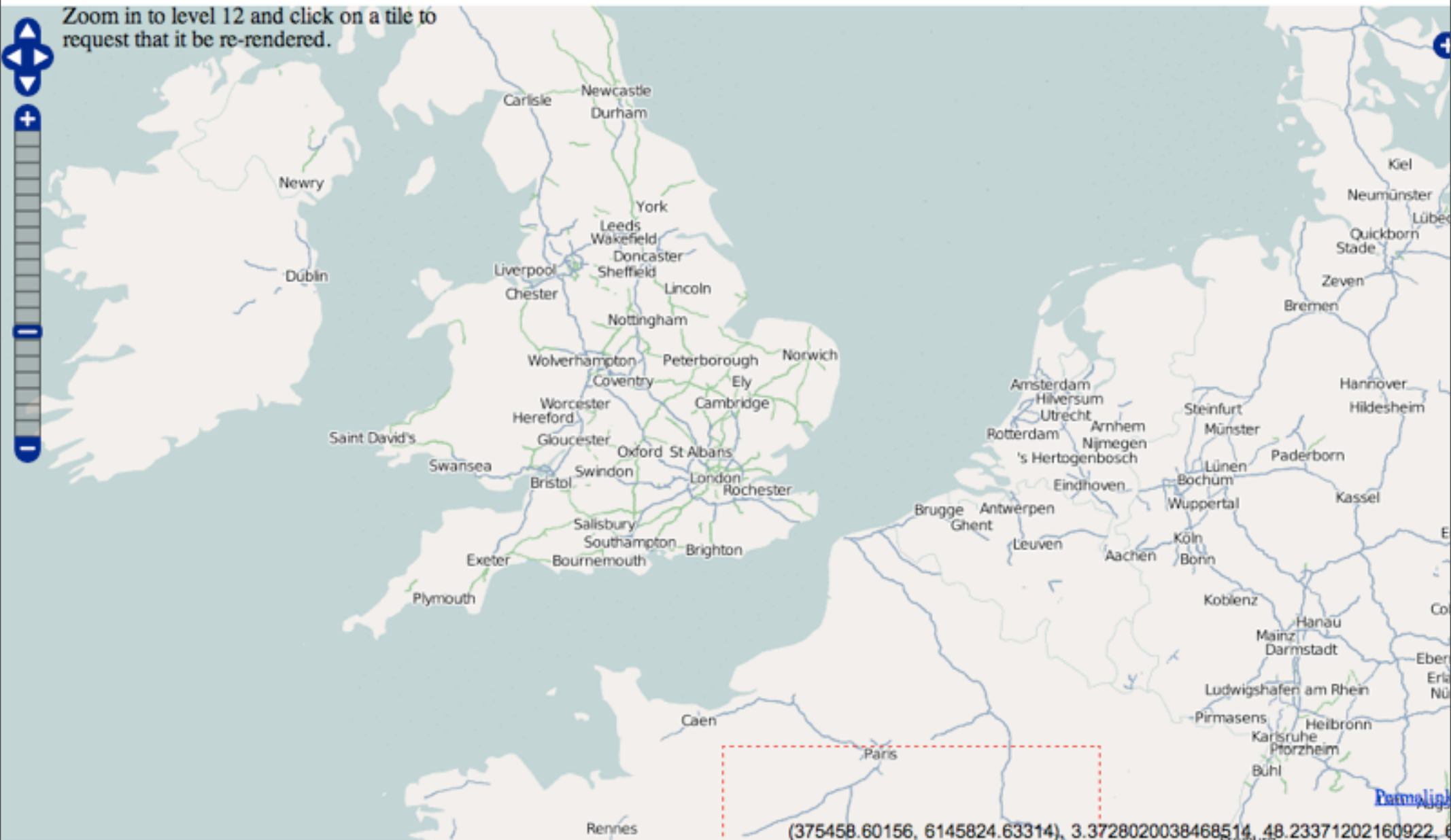




...which we give away



Zoom in to level 12 and click on a tile to request that it be re-rendered.



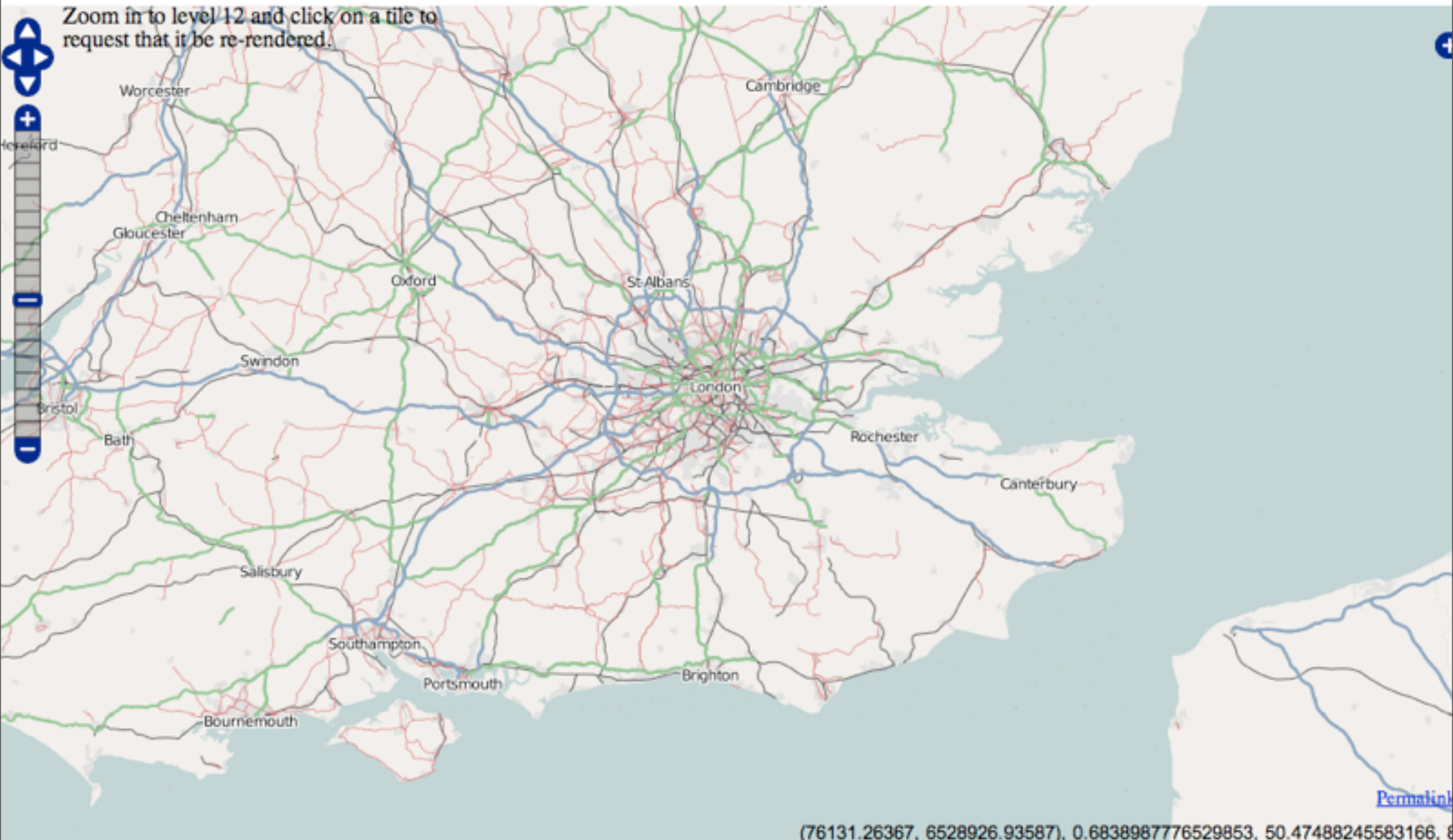
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Zoom in to level 12 and click on a tile to request that it be re-rendered.

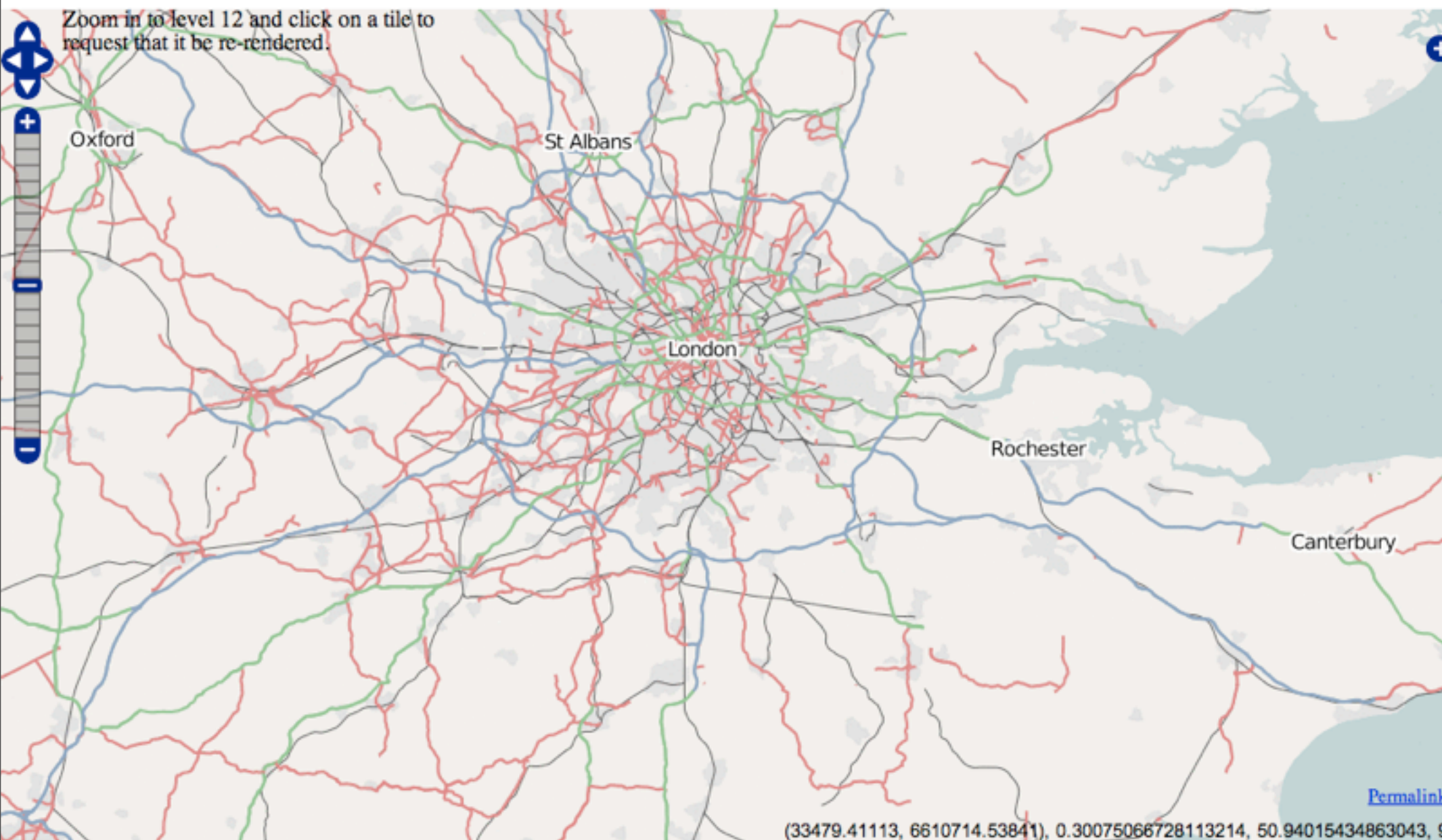
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(-77660.00391, 6709012.53548), -0.6976316848347722, 51.49325231691791, 7

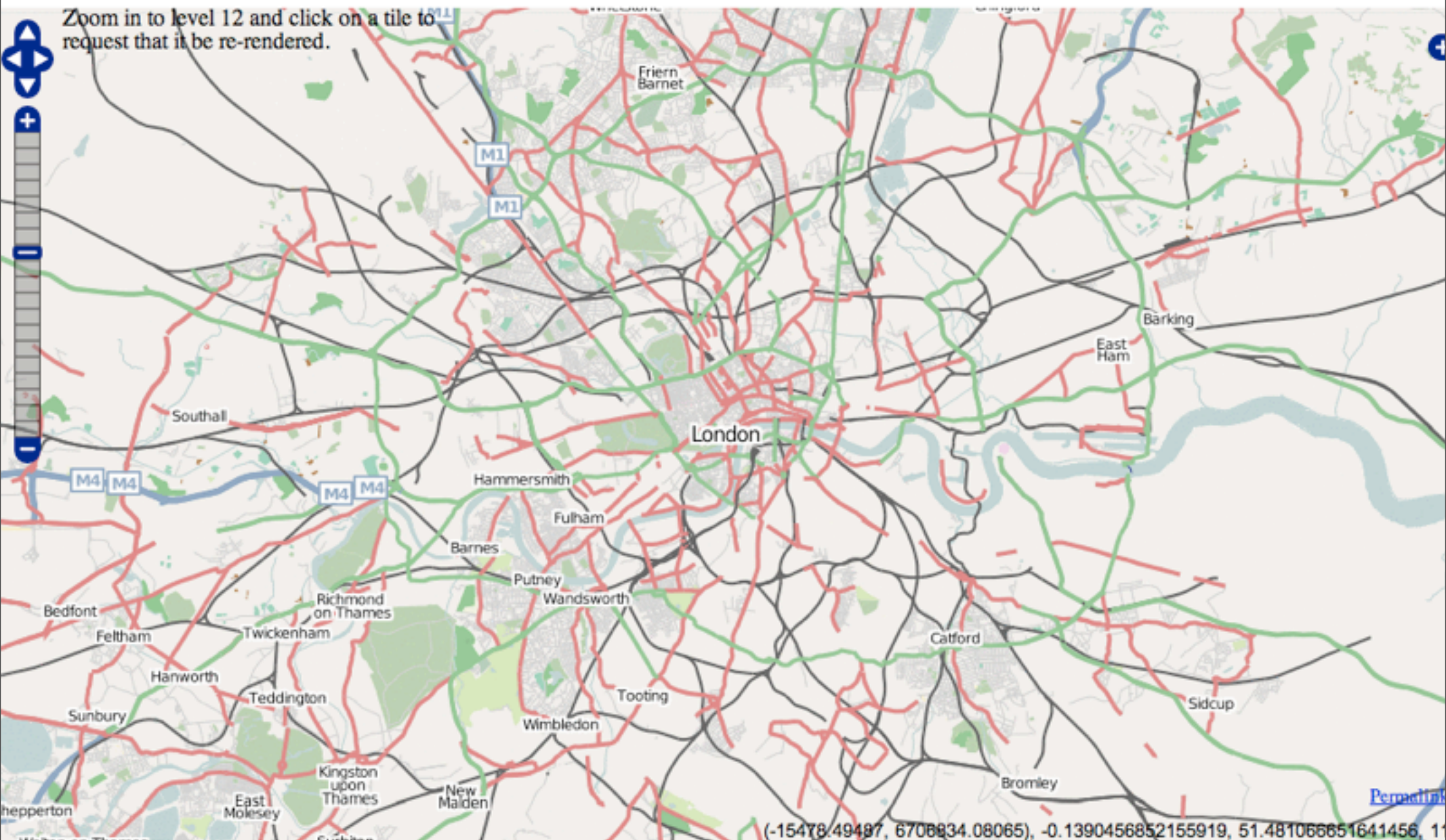
Zoom in to level 12 and click on a tile to request that it be re-rendered.

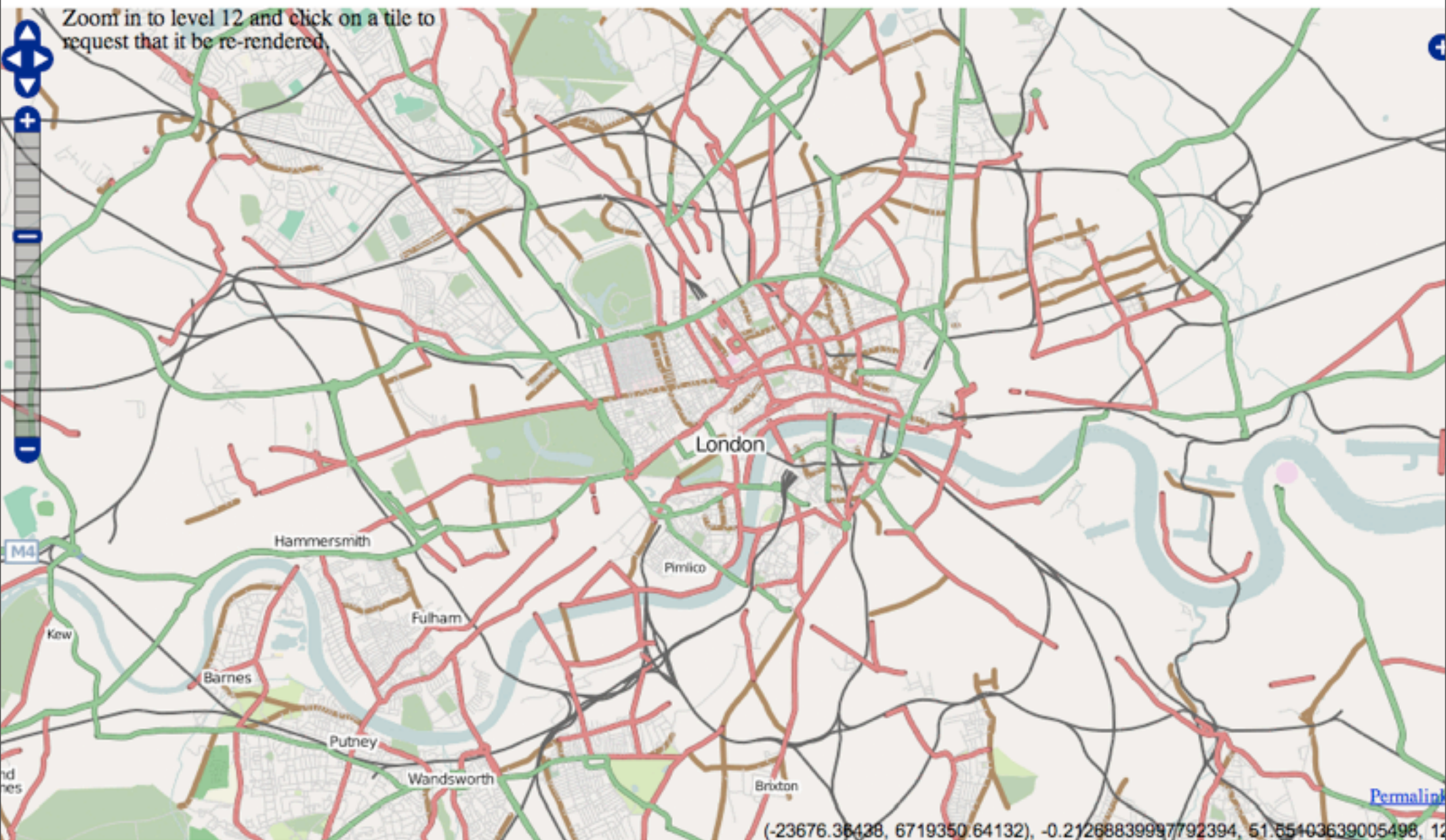


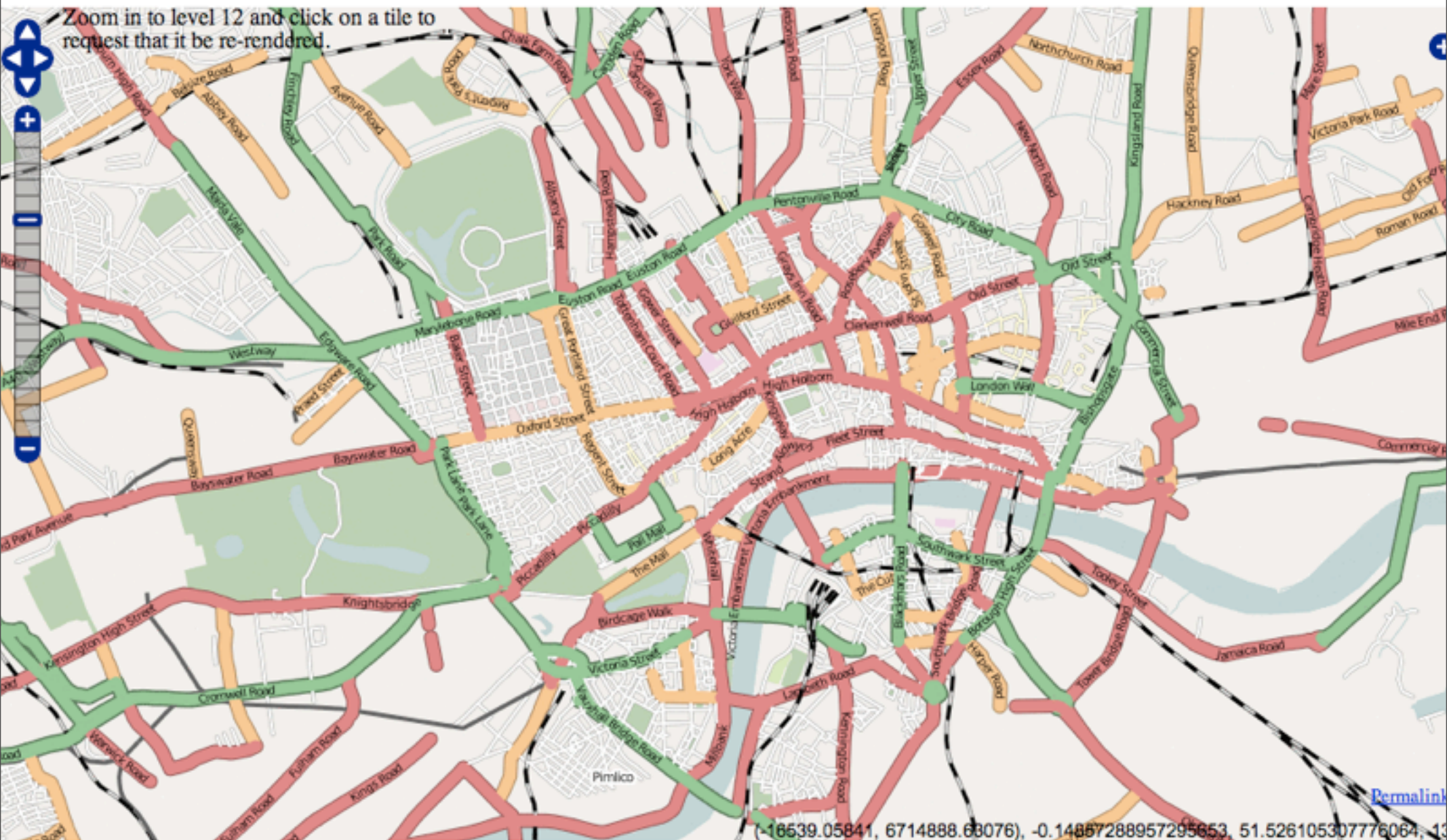
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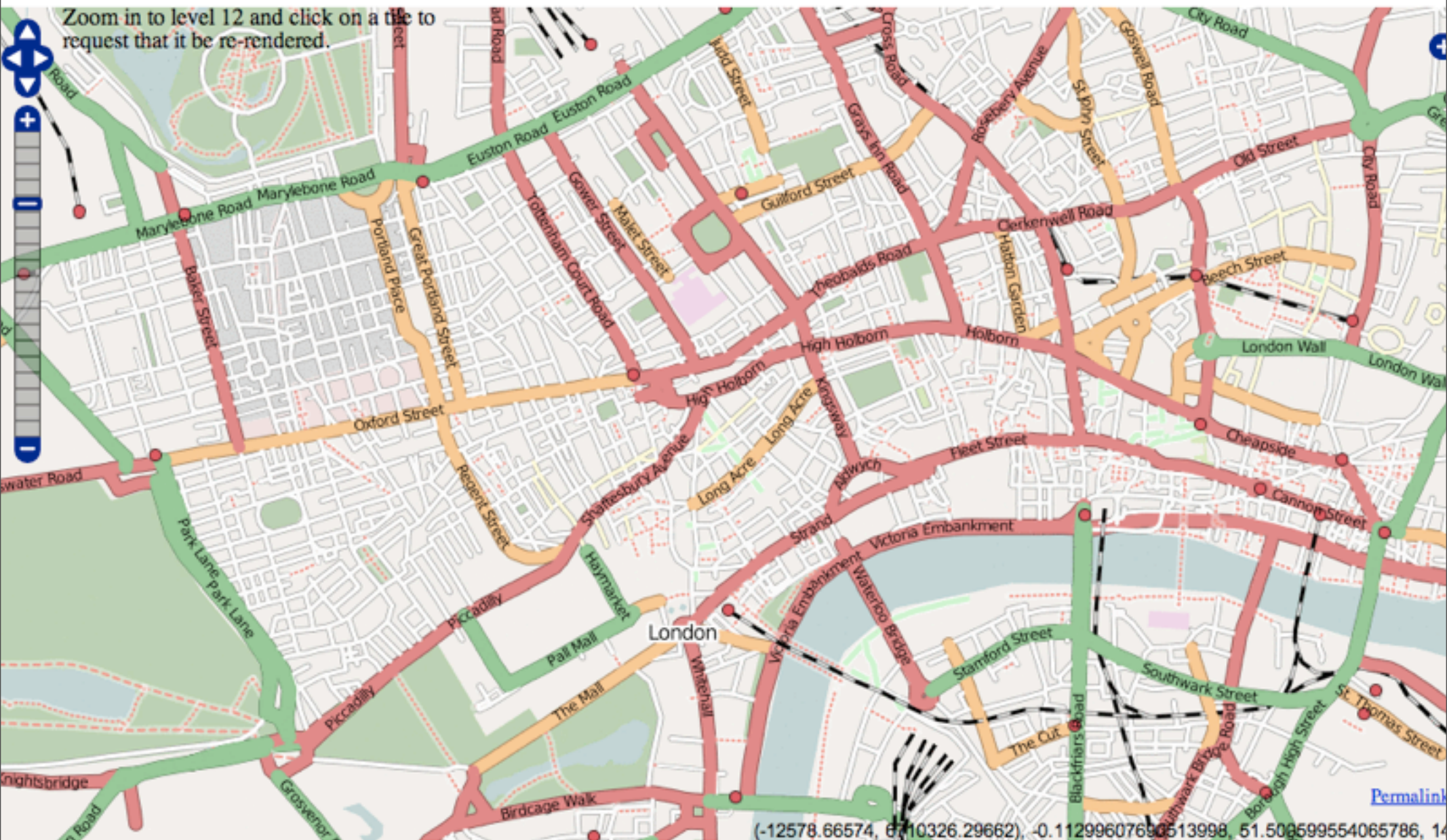


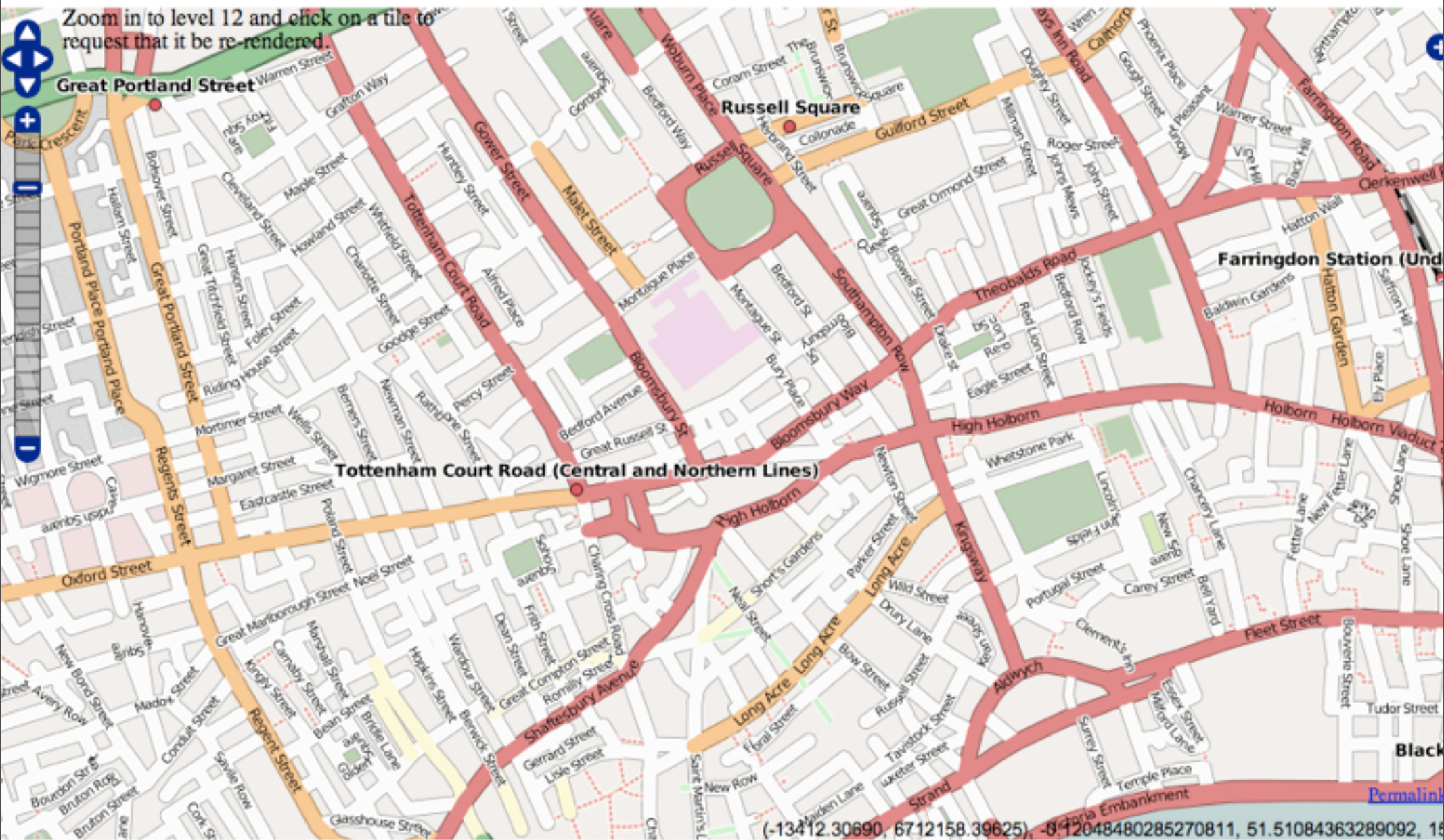
















Zoom in to level 12 and click on a tile to request that it be re-rendered.



[Permalink](#)
(-3923.36849, 6712852.30099), -0.03524421882200767, 51.51472295973555, 16

Some Quotes



Quote 1

“It’s absolutely possible for a bunch of smart guys with the technology we have today to capture street networks, and potentially the major roads of the UK and minor roads”

Ed Parsons, ex-CTO Ordnance Survey



Quote 2

“If you don’t make [lower-resolution mapping data] publicly available, there will be people with their cars and GPS devices, driving around with their laptops .. They will be cataloguing every lane, and enjoying it, driving 4×4s behind your farm at the dead of night. There will, if necessary, be a grass-roots remapping.”

Tim Berners-Lee



Quote 3

“You could have a community capability where you took the GPS data of people driving around and started to see, oh, there’s a new road that we don’t have, a new route .. And so that data eventually should just come from the community with the right software infrastructure.”

Bill Gates



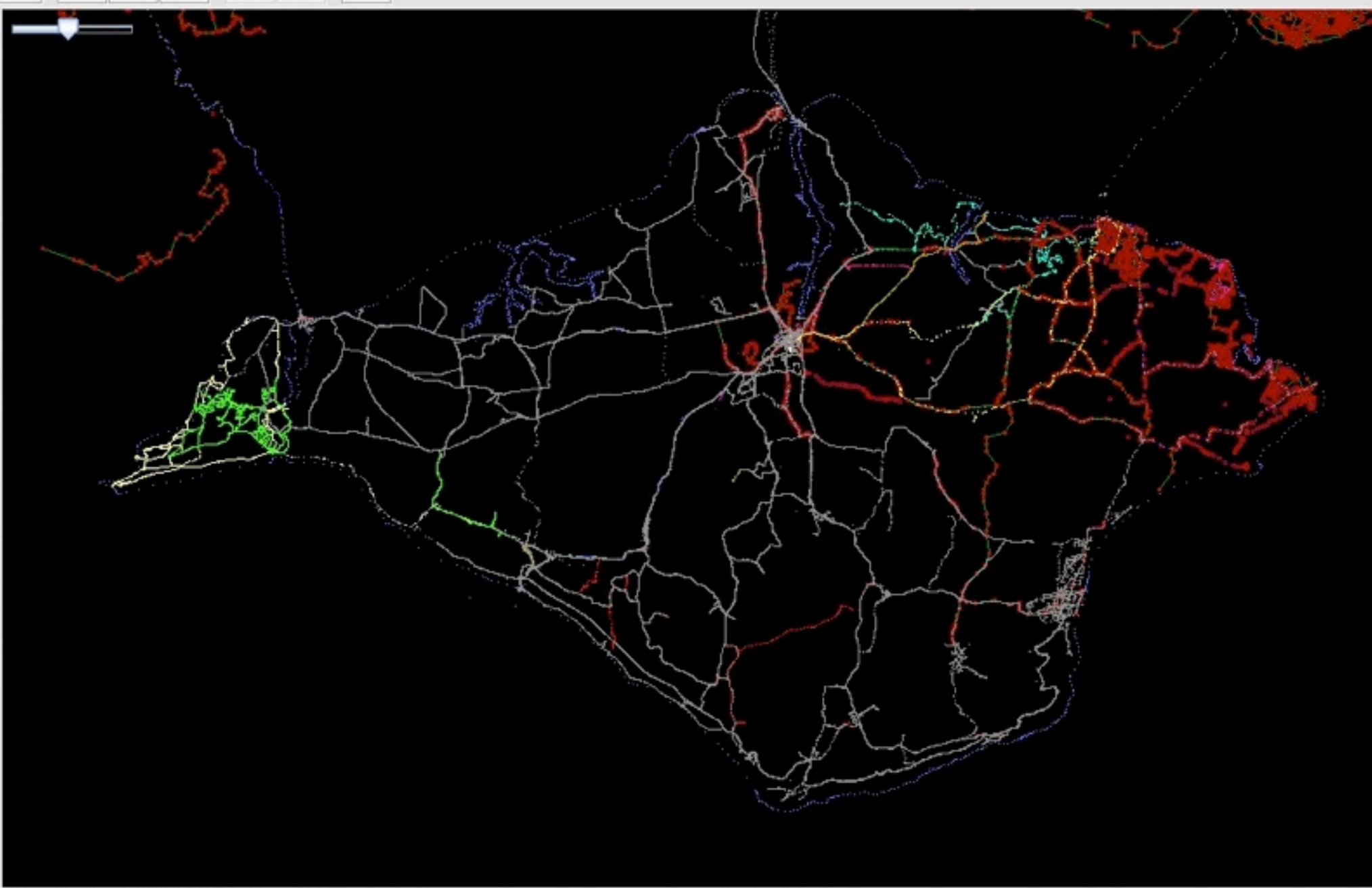
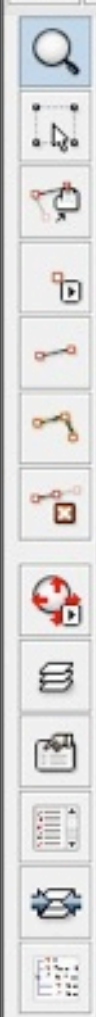
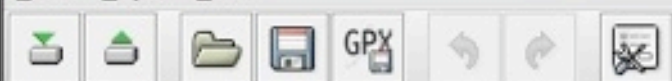
Workshops

Or, Map as Party



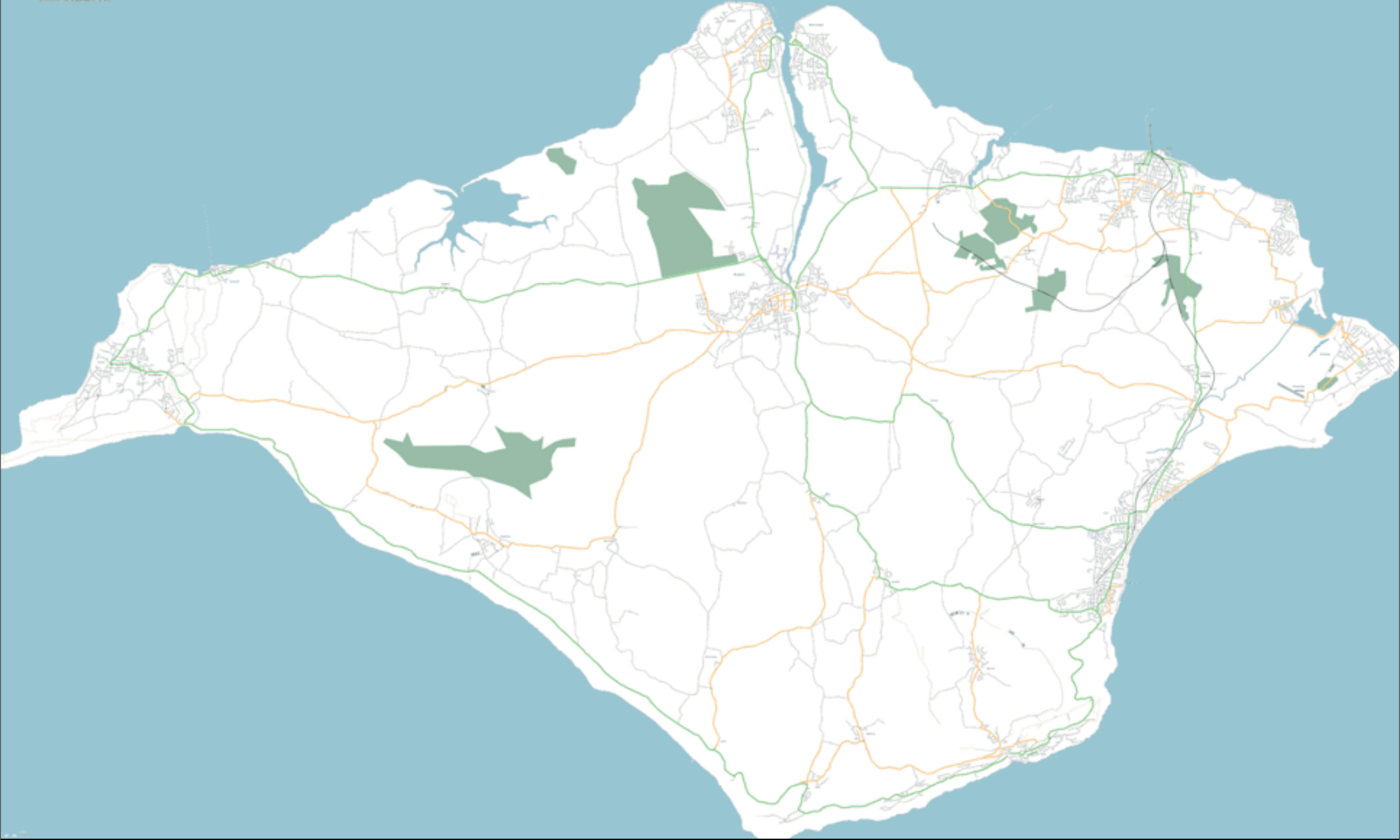


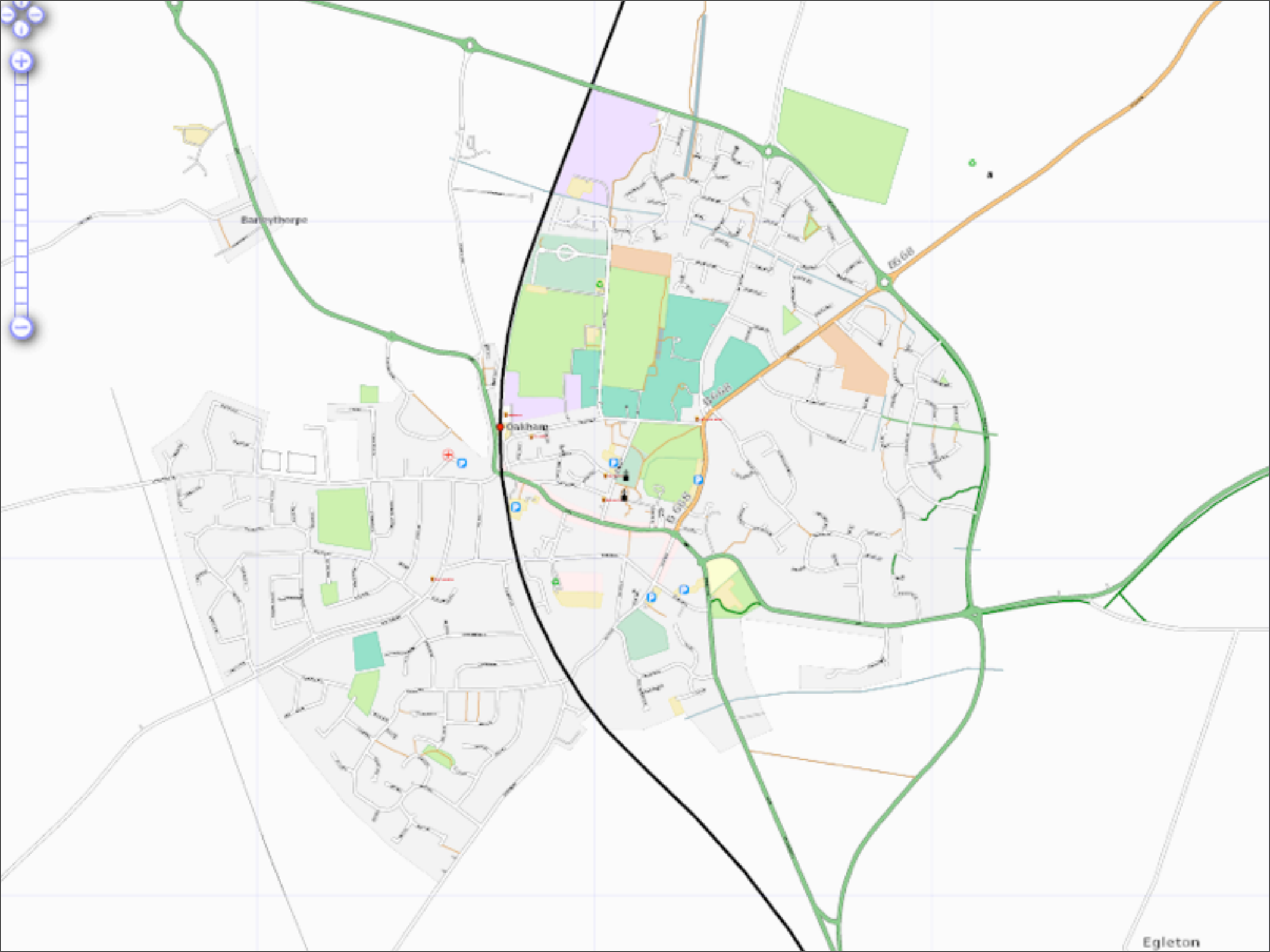




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Object

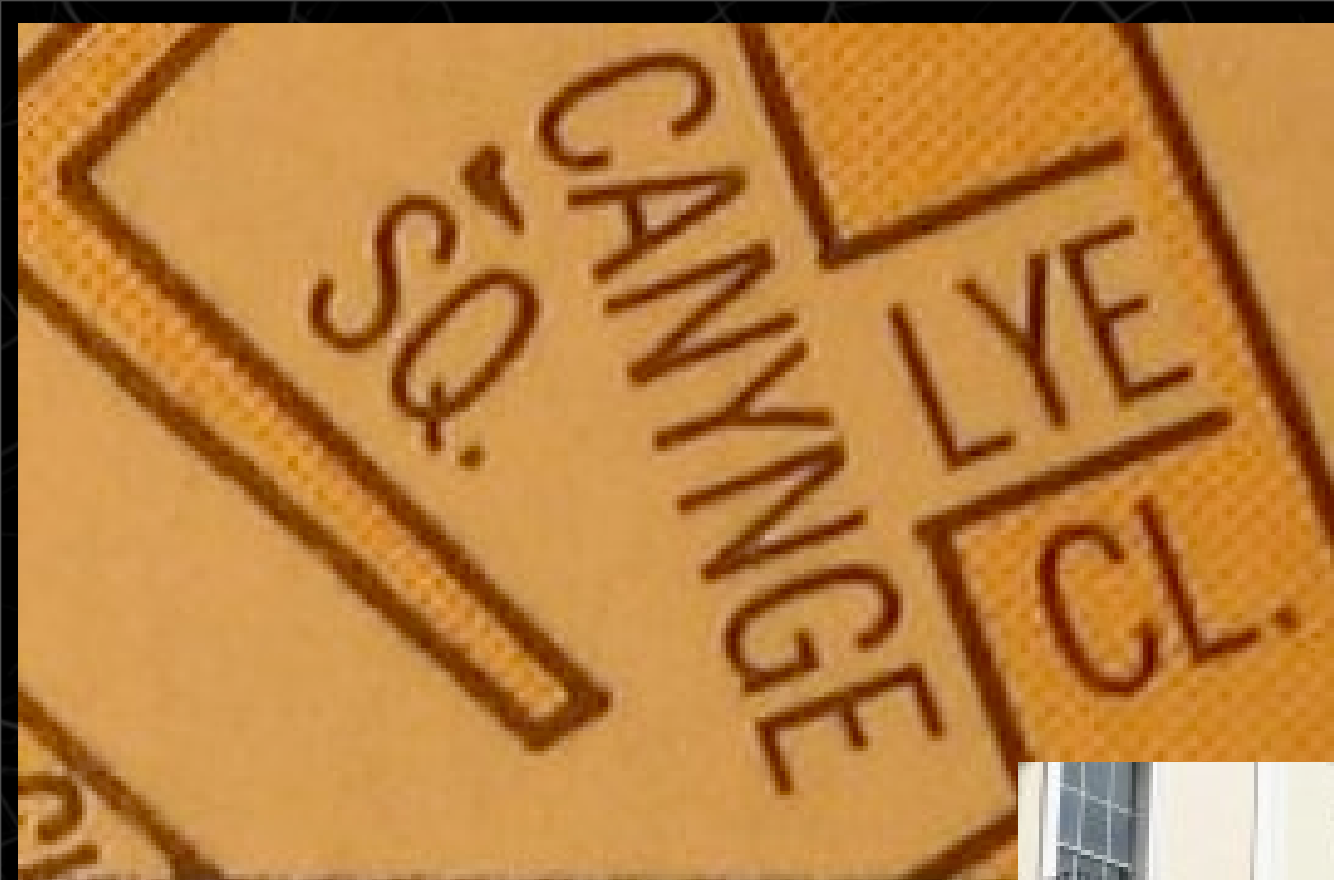






Fallout





A-Z

Norman Dennison, director of Geographers' A-Z Map Company, confirms that Lye Close is a lie, which will now be removed. "The idea is to put something on the map to protect copyright," he says. "We try to put it in an area or a part of a road which would not be misleading to the ordinary person in the street. They have been put in out-of-the-way places."



Using OSM



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filename: mc-steve-4.gpx

uploaded: 2006-05-13 16:24:51

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Public? Delete?

	mc-steve-12.gpx ... (2,099 points) ... on 14-May more / map <i>ava taking two trams in manchester</i> by SteveC in: mapchester manchester uk	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	mc-steve-11.gpx ... (2,783 points) ... on 14-May more / map <i>conor & anne walking mapchester sunday</i> by SteveC in: mapchester manchester uk	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	mc-steve-10.gpx ... (2,307 points) ... on 14-May more / map <i>chris & ben sunday mapschester</i> by SteveC in: mapchester manchester uk	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	mc-steve-9.gpx ... (3,435 points) ... on 14-May more / map <i>mapchester chris and lesley sunday afternoon</i> by SteveC in: mapchester manchester uk	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	mc-steve-8.gpx ... (3,196 points) ... on 14-May more / map <i>drew & karen saturday eve sunday morn</i> by SteveC in: mapchester manchester uk	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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OpenStreetMap

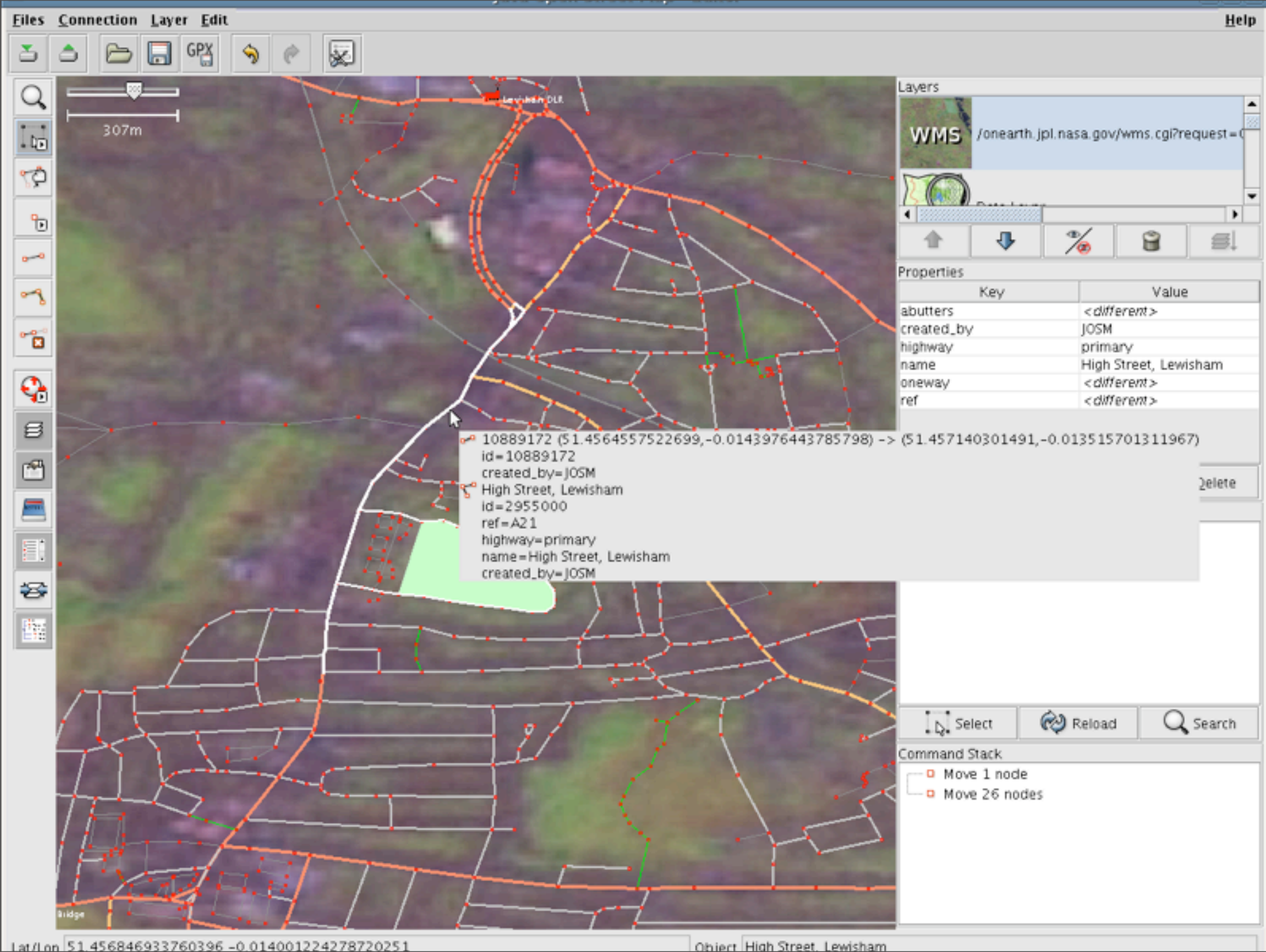
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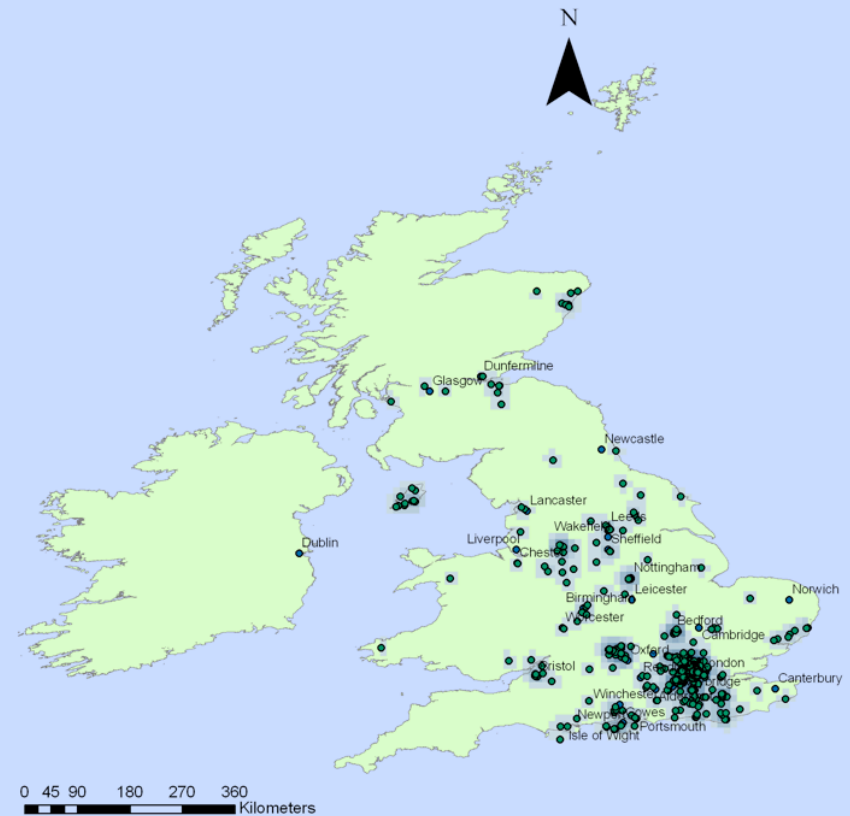
Postcodes!?



3650 -2.148780 AB25 3SQ
9970 -2.104150 AB41 8JU
54300 -1.965510 AB41 9JB
390770 -2.071200 AB52 6UY
365080 -2.596490 AL1 1DS
.390010 -0.317316 AL1 2QL
1.730907 -0.346262 AL2 1GR
51.733203 -0.293305 AL2 2LA
51.721616 -0.331070 AL2 2LE
51.710522 -0.333903 AL2 2PA
51.714127 -0.340726 AL4 0SE
51.724834 -0.258973 AL4 9AH
51.746314 -0.296870 AL4 9NH
51.770150 -0.321020 AL5 5RU
51.770430 -0.337272 AL6 9HT
51.815879 -0.214148 B14 7TG
51.821930 -1.901901 B72 1JU
52.434691 -1.817927 B90 2AA
52.551040 -1.827760 B97 4NF
52.404420 -1.969556 BA2 3BH
52.300354 -2.367850 BD17 5QA
51.378340 -1.767370 BH20 4PF
53.847590 -2.123162 BH20 6EP
50.682699 -2.231780 BH21 1HJ
670071 -2.077160 BN1 3DA

Preliminary Kernel Density Values of FreeThePostcode data distribution.

Based on the distribution of FreeThePostcode point data on 12th August 2006.



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Coase's Penguin

(Yochai Benkler)

Commons-based Peer Production:

- Non-monetary motivation
- Discrete multi-size pieces
- Low-cost integration



Coase's Penguin

(Yochai Benkler)

Commons-based Peer Production:

- Fun
- Takes 5 minutes
- Easy



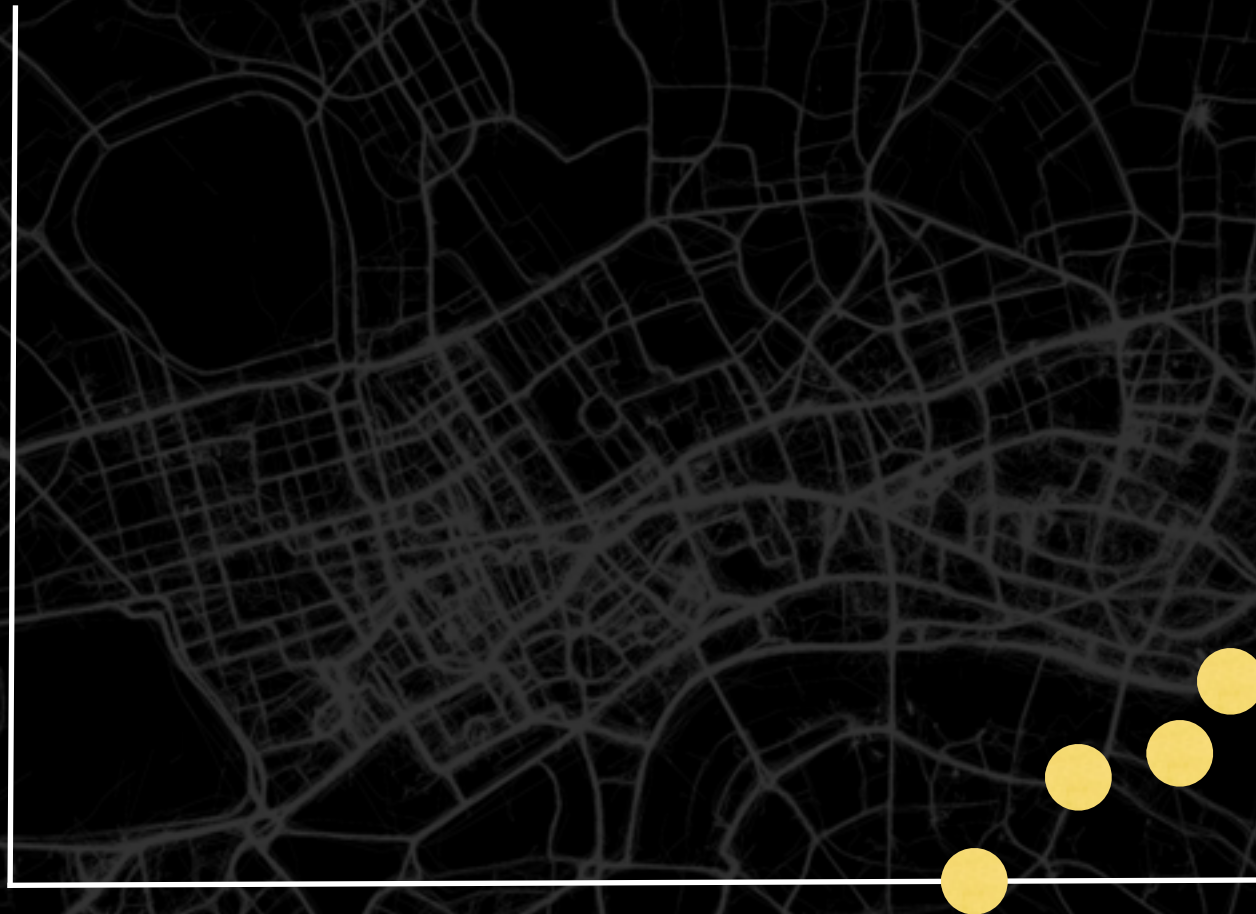


Data: UK-US comparison



US GeoData Market

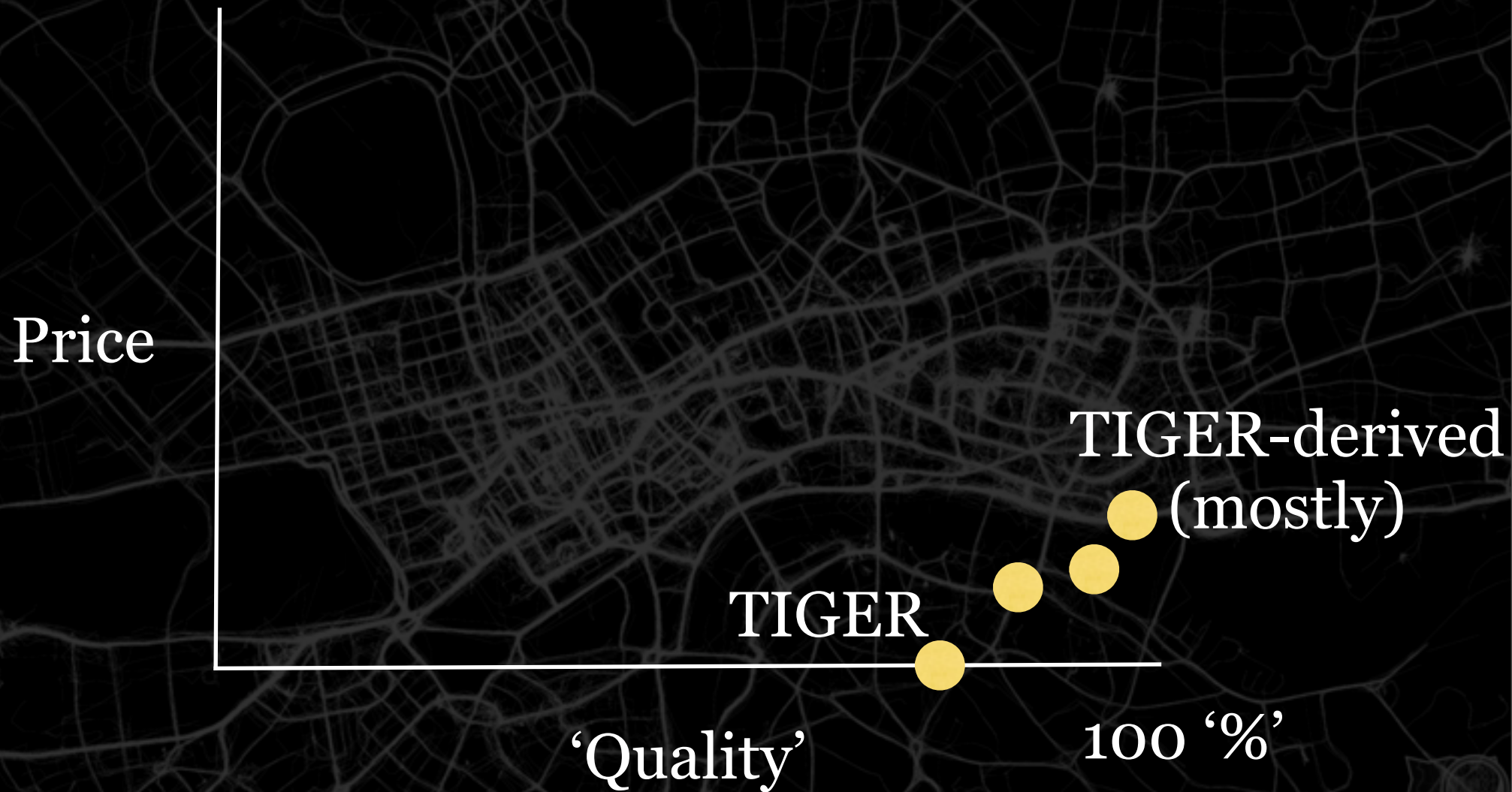
Price



‘Quality’

100 ‘%’

US GeoData Market



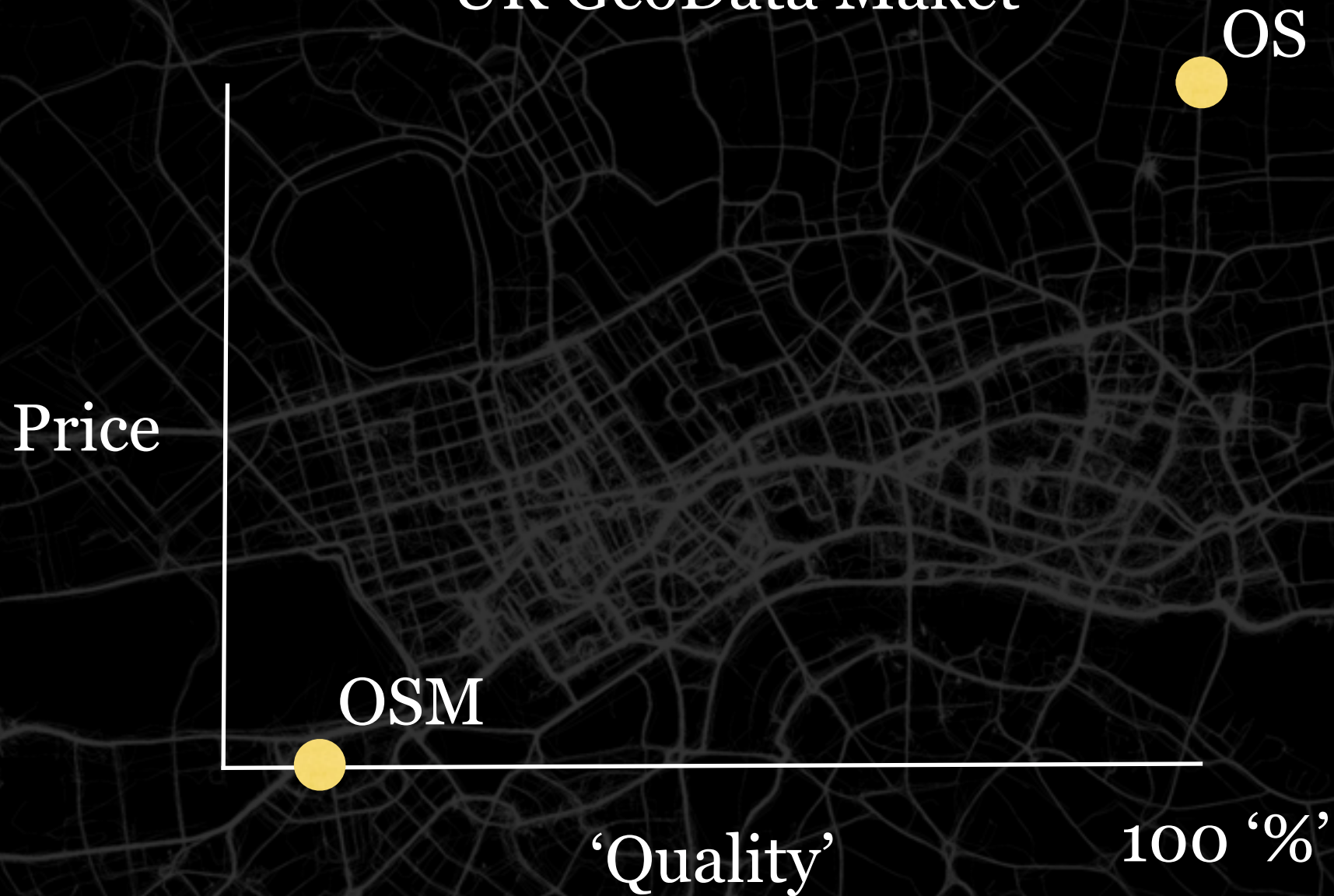
UK GeoData Market

Price

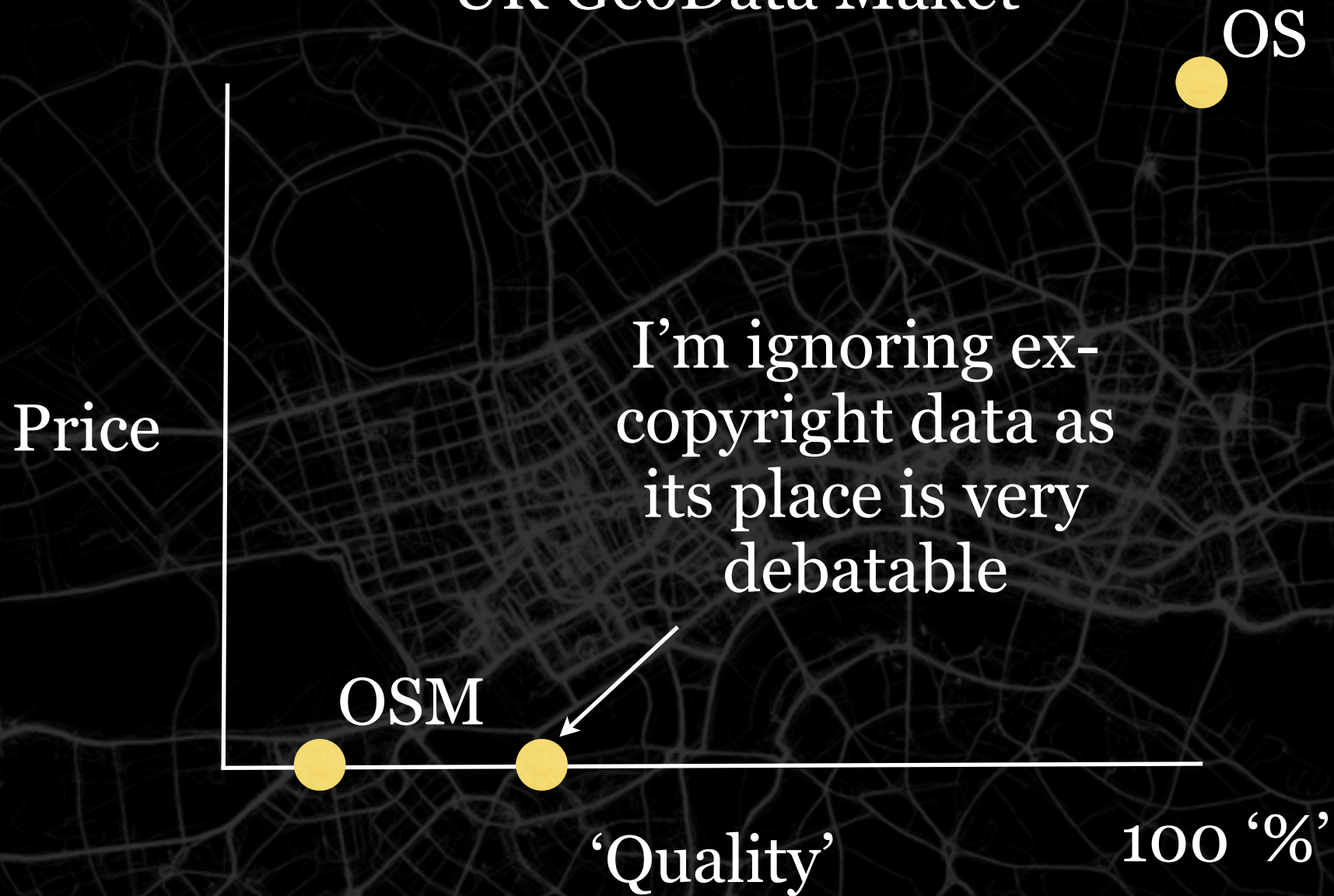
‘Quality’

100 ‘%’

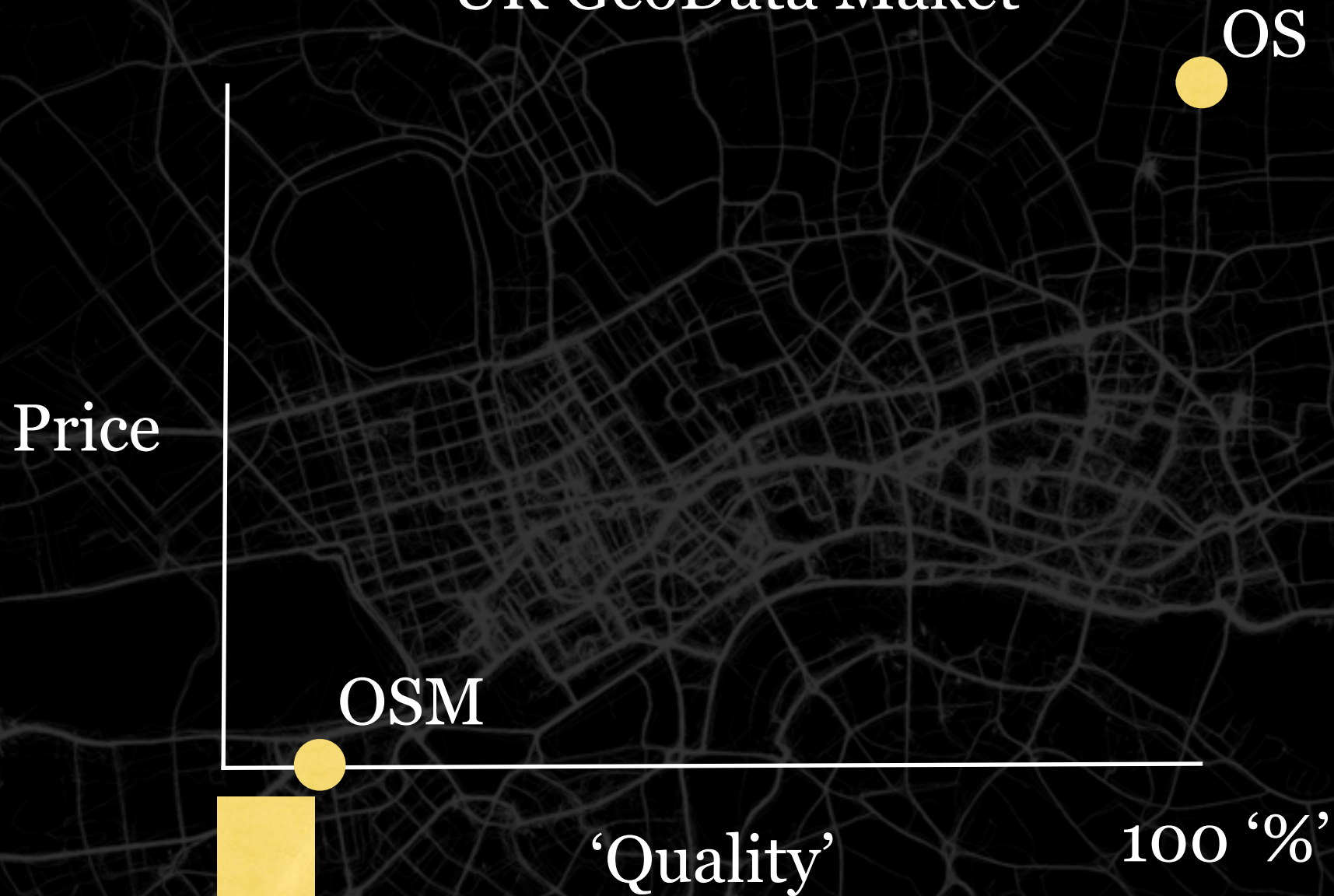
UK GeoData Market



UK GeoData Market



UK GeoData Market



UK GeoData Market



UK GeoData Market





We've seen this before

OS Market

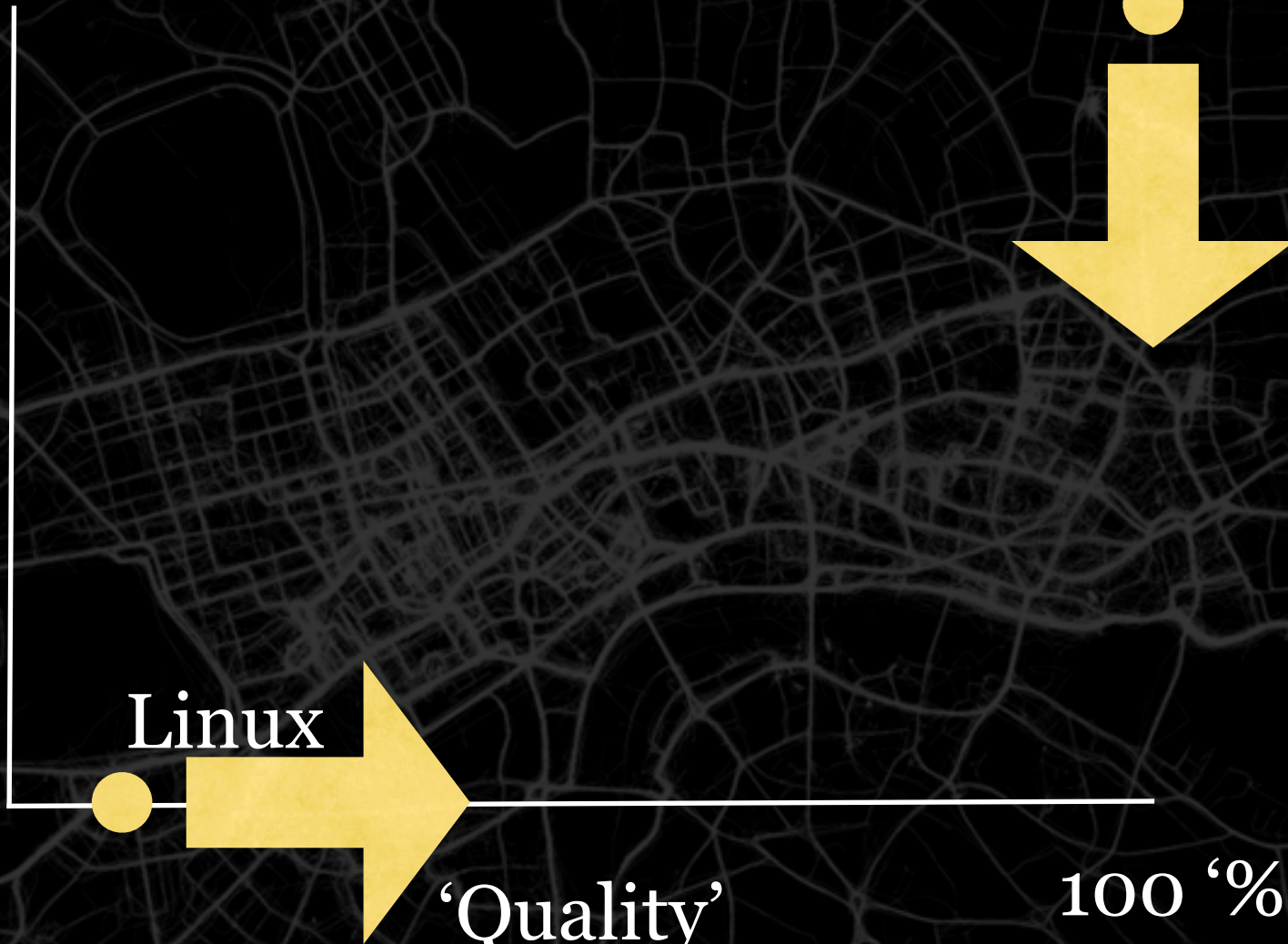
Price

Windows

Linux

‘Quality’

100 ‘%’



OS Market



Thanks for listening

Steve Coast
steve@asklater.com

