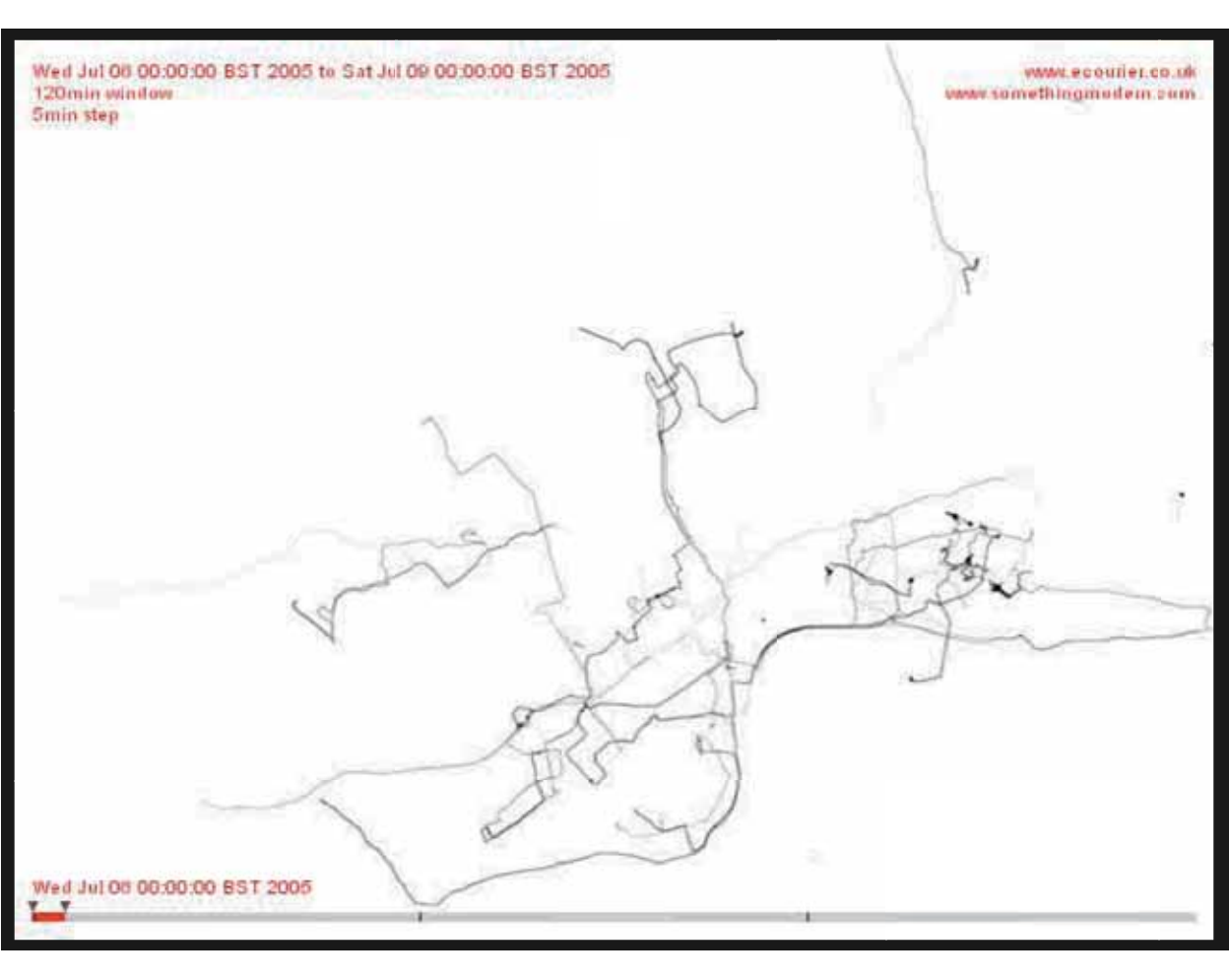
OpenStreetMap

#19

Steve Coast
steve@asklater.com

Why OSM?

- Data not Free/Open (artificial scarcity)
- Data not current
- Even if it was then a wiki is the next step


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.somethingmodern.com
Wed Jul 06 00:00:00 BST 2005

Using OSM

OpenStreetMap

The Free Wiki World Map

View Edit GPS traces

Welcome steve@asklater.com Logout

Help & Wiki
News blog
Shop

User

display name:

SteveC save

Make a Donation

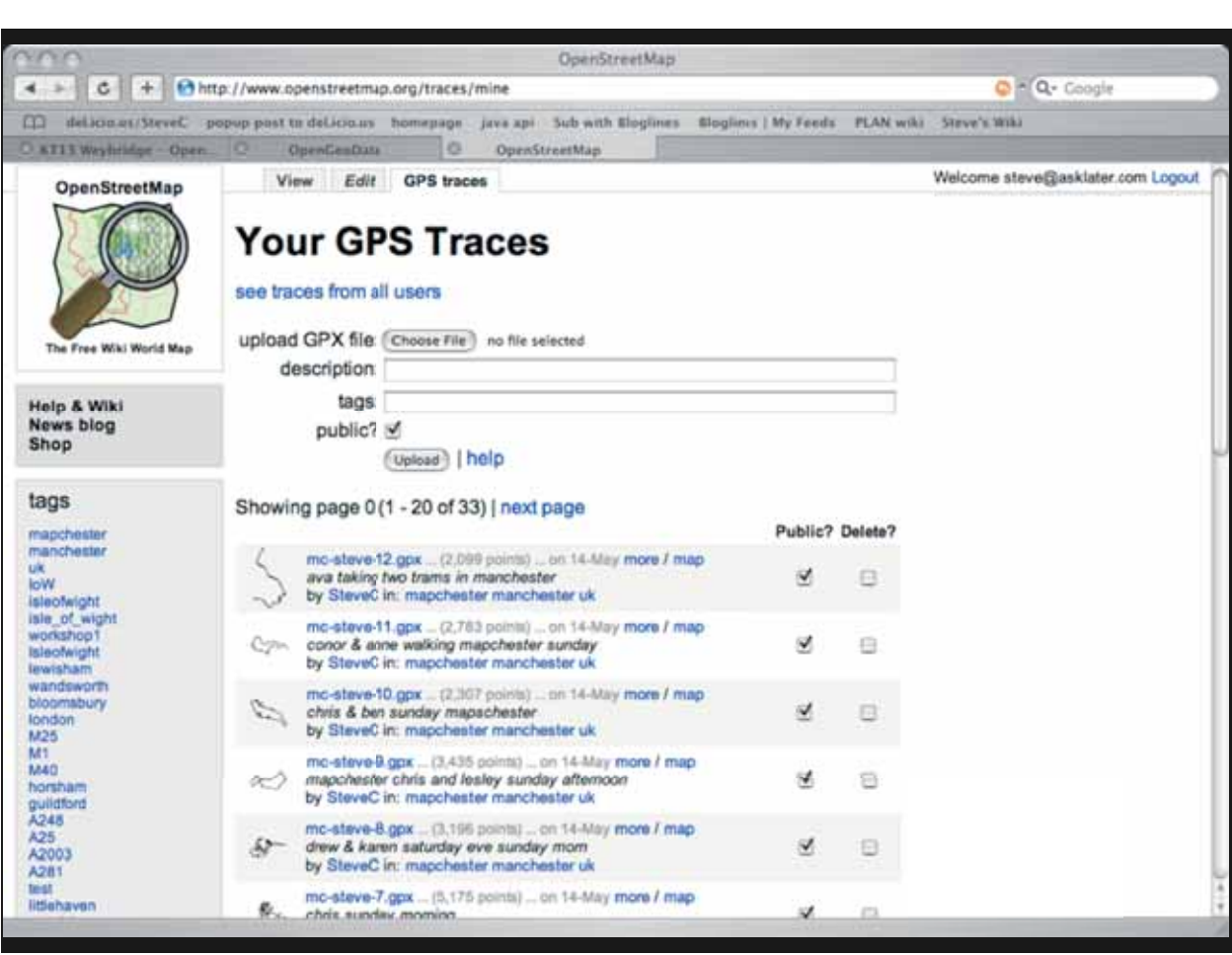
Your GPS Traces

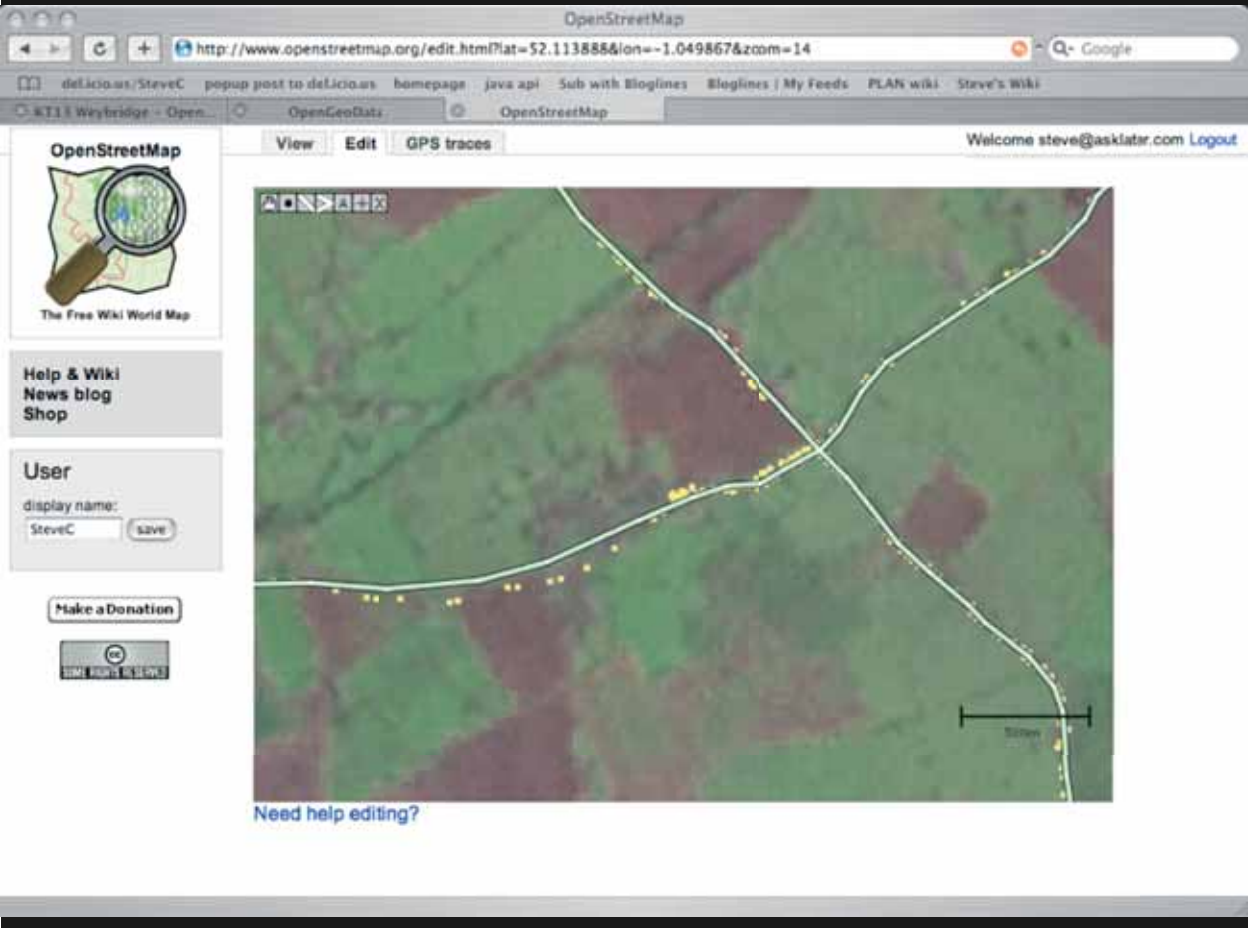
see traces from all users

Editing the trace mc-steve-4.gpx

filename: mc-steve-4.gpx
uploaded: 2003-05-13 16:24:51
description: sat afternoon from someone
tags: mapchester manchester uk

Save


OpenStreetMap
http://www.openstreetmap.org/traces/mine
Google
deLicio.us/SteveC popup post to deLicio.us homepage java api Sub with Bloglines Bloglines | My Feeds PLAN wiki Steve's Wiki
KT13 Weybridge - Open... OpenGeoData OpenStreetMap
OpenStreetMap
The Free Wiki World Map
View Edit GPS traces
Welcome steve@asklater.com Logout
Your GPS Traces
see traces from all users
upload GPX file Choose File no file selected
description
tags
public?
Upload | help
Showing page 0 (1 - 20 of 33) | next page
Public? Delete?
mc-steve-12.gpx ... (2,099 points) ... on 14-May more / map
ava taking two trams in manchester
by SteveC in: mapchester manchester uk
mc-steve-11.gpx ... (2,783 points) ... on 14-May more / map
conor & anne walking mapchester sunday
by SteveC in: mapchester manchester uk
mc-steve-10.gpx ... (2,307 points) ... on 14-May more / map
chris & ben sunday mapschester
by SteveC in: mapchester manchester uk
mc-steve-9.gpx ... (3,435 points) ... on 14-May more / map
mapchester chris and lesley sunday afternoon
by SteveC in: mapchester manchester uk
mc-steve-8.gpx ... (3,196 points) ... on 14-May more / map
drew & karen saturday eve sunday mom
by SteveC in: mapchester manchester uk
mc-steve-7.gpx ... (5,175 points) ... on 14-May more / map
chris sunday morning
Help & Wiki
News blog
Shop
tags
mapchester
manchester
uk
IoW
isleofwight
isle_of_wight
workshop1
isleofwight
lewisham
wandsworth
bloomsbury
london
M25
M1
M40
horsham
guildford
A248
A25
A2003
A281
test
littlehaven


OpenStreetMap
http://www.openstreetmap.org/edit.html?lat=52.113888&lon=-1.049867&zoom=14
Google
del.icio.us/SteveC
popup post to del.icio.us
homepage
java api
Sub with Bloglines
Bloglines | My Feeds
PLAN wiki
Steve's Wiki
OpenGeoData
OpenStreetMap
OpenStreetMap
The Free Wiki World Map
View
Edit
GPS traces
Welcome steve@asklatar.com Logout
Help & Wiki
News blog
Shop
User
display name:
SteveC
save
Make a Donation
Need help editing?

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”

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"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 - 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.”

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."

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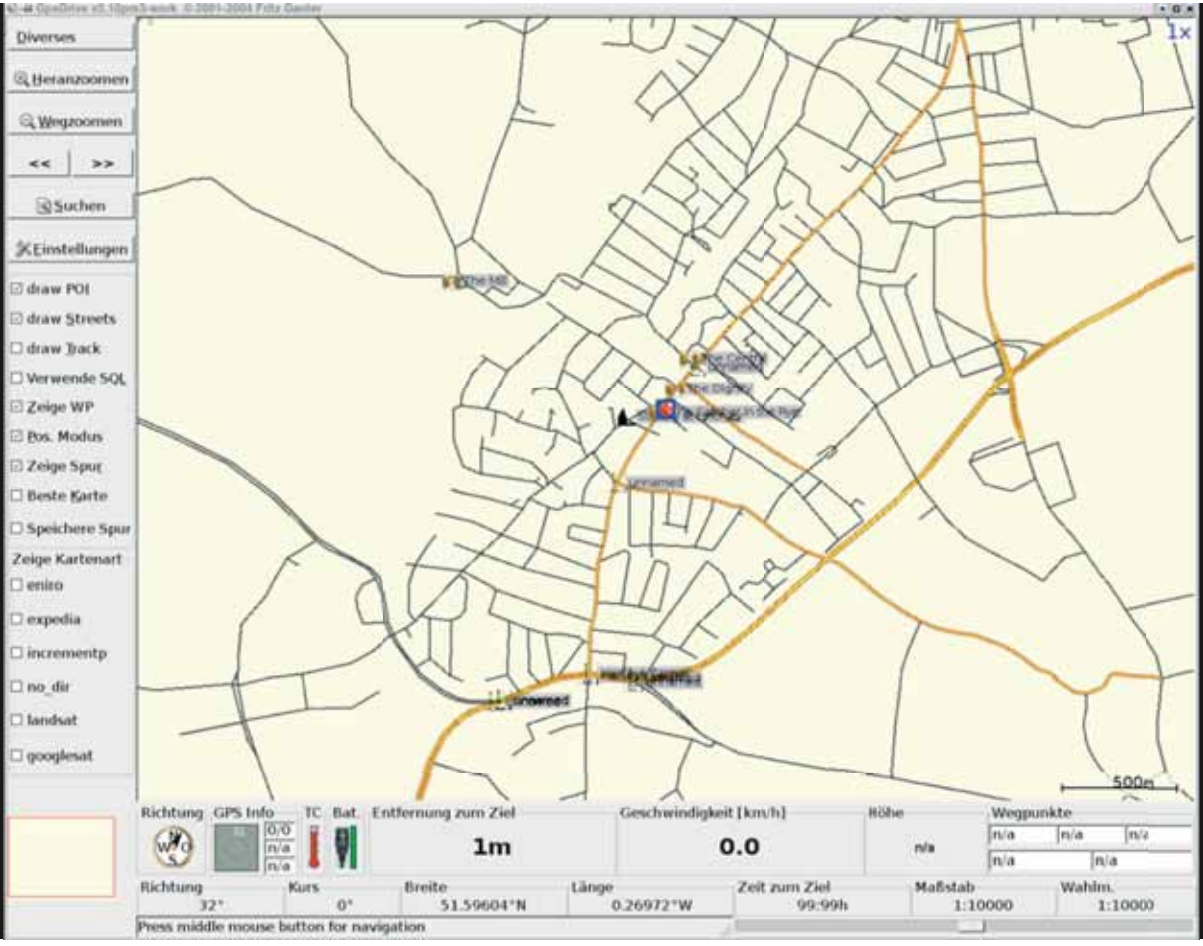
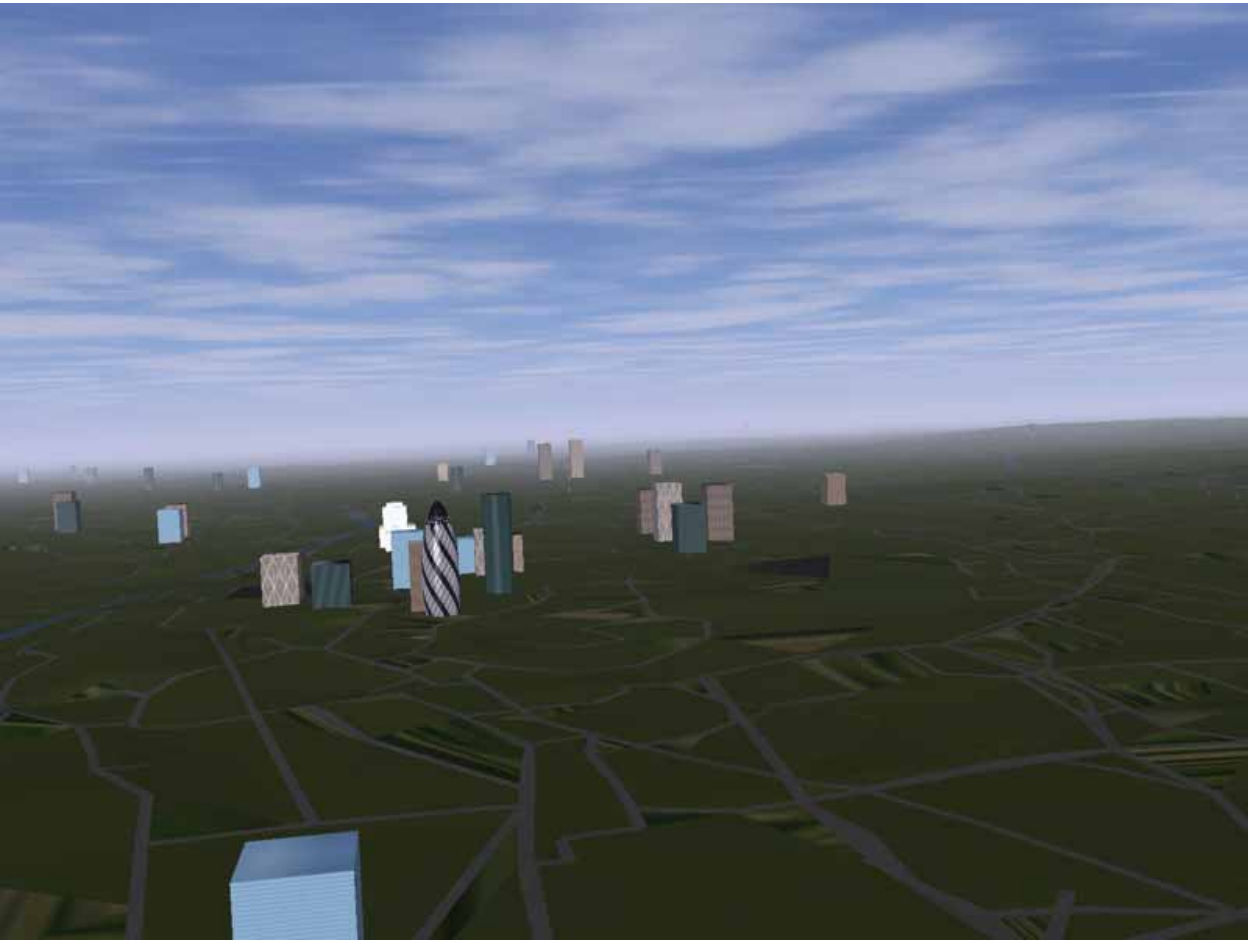
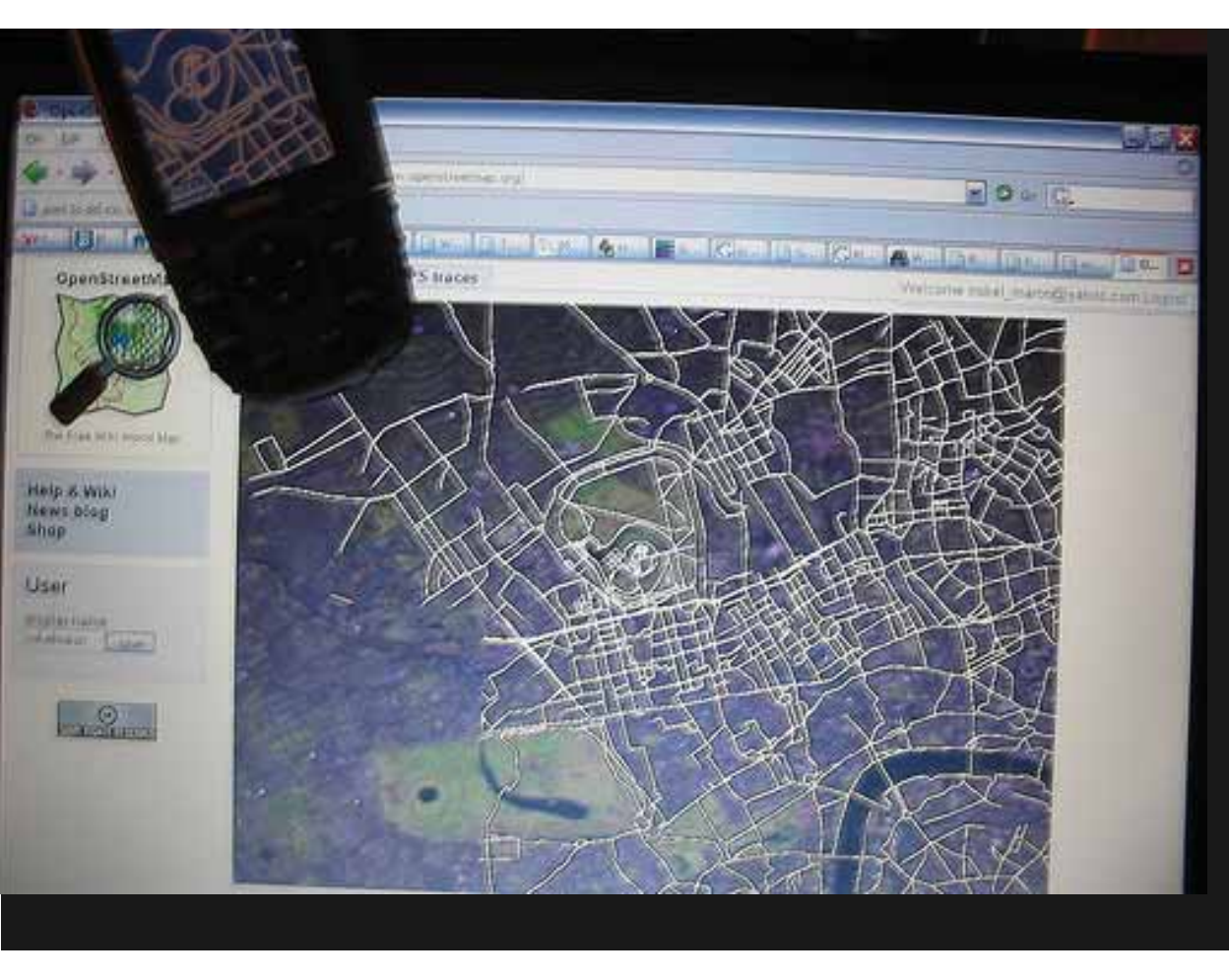
Bill Gates

Using OSM Data

API, REST, XML, planet.osm


Diverses
Heranzoomen
Wegzoomen
<<
>>
Suchen
Einstellungen
draw POI
draw Streets
draw Track
Verwende SQL
Zeige WP
Pos. Modus
Zeige Spur
Beste Karte
Speichere Spur
Zeige Kartenart
enizo
expedia
incrementp
no_dir
landsat
googlesat
1x
500m
Richtung
GPS Info
TC
Bat.
Entfernung zum Ziel
1m
Geschwindigkeit [km/h]
0.0
Höhe
n/a
Wegpunkte
Richtung
32°
Kurs
0°
Breite
51.59604°N
Länge
0.26972°W
Zeit zum Ziel
99:99h
Maßstab
1:10000
Wahlm.
1:10000
Press middle mouse button for navigation

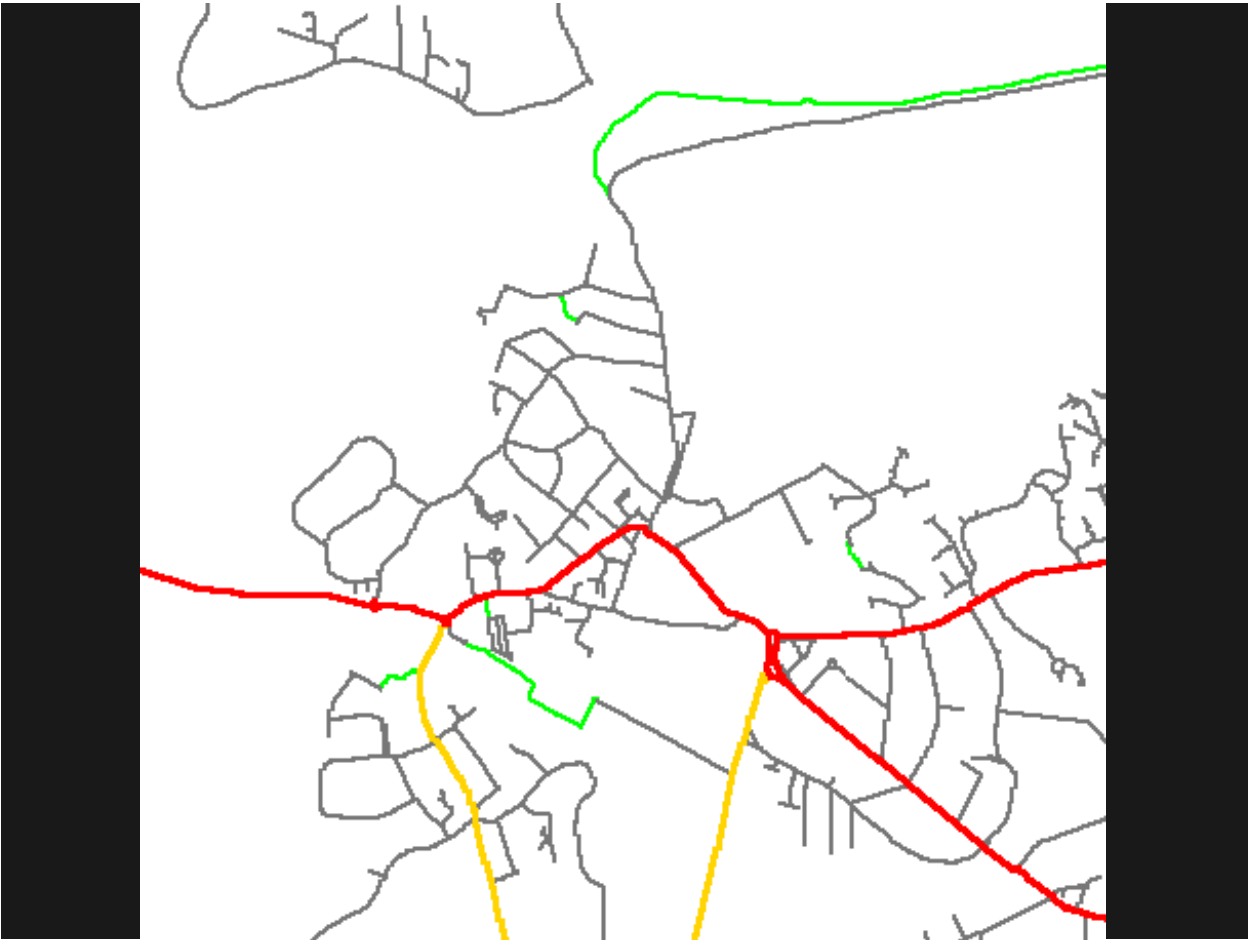


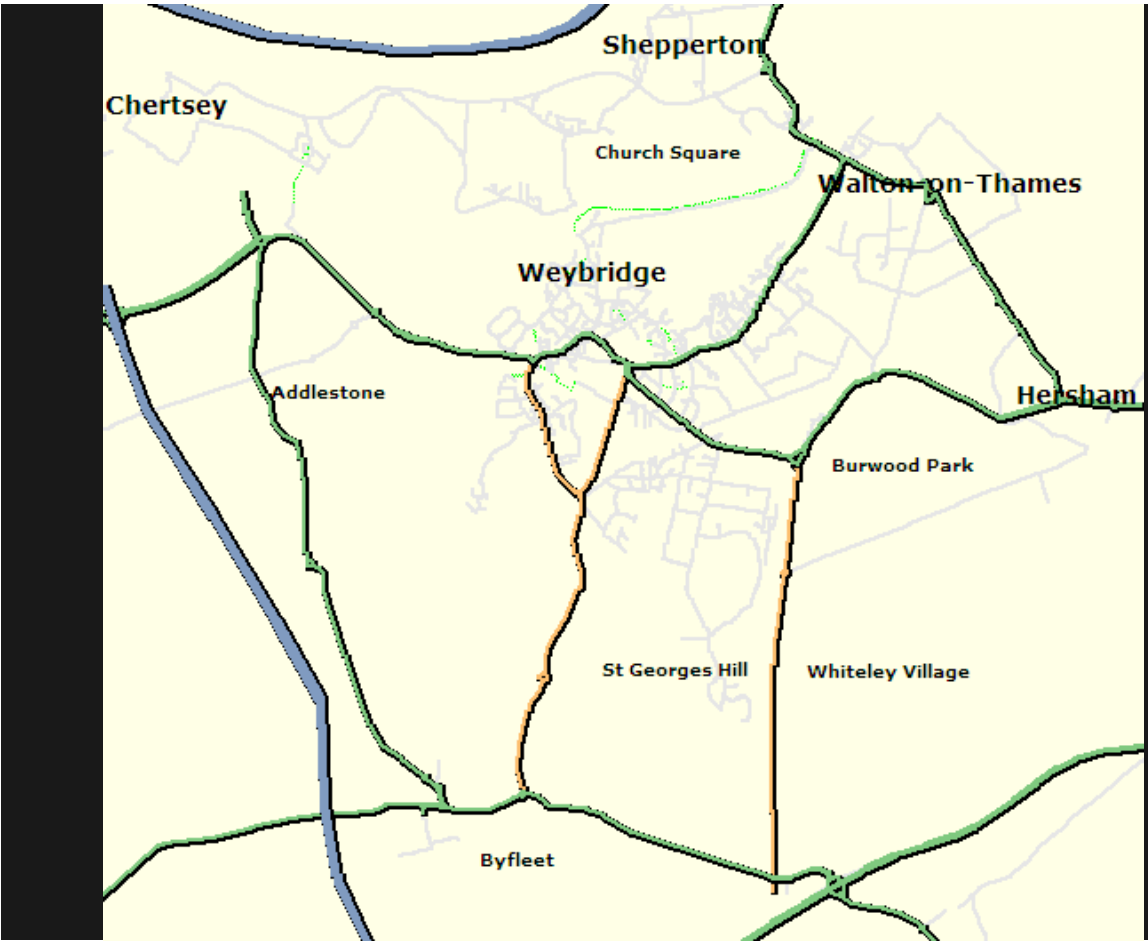

Help & Wiki
News blog
Shop
User

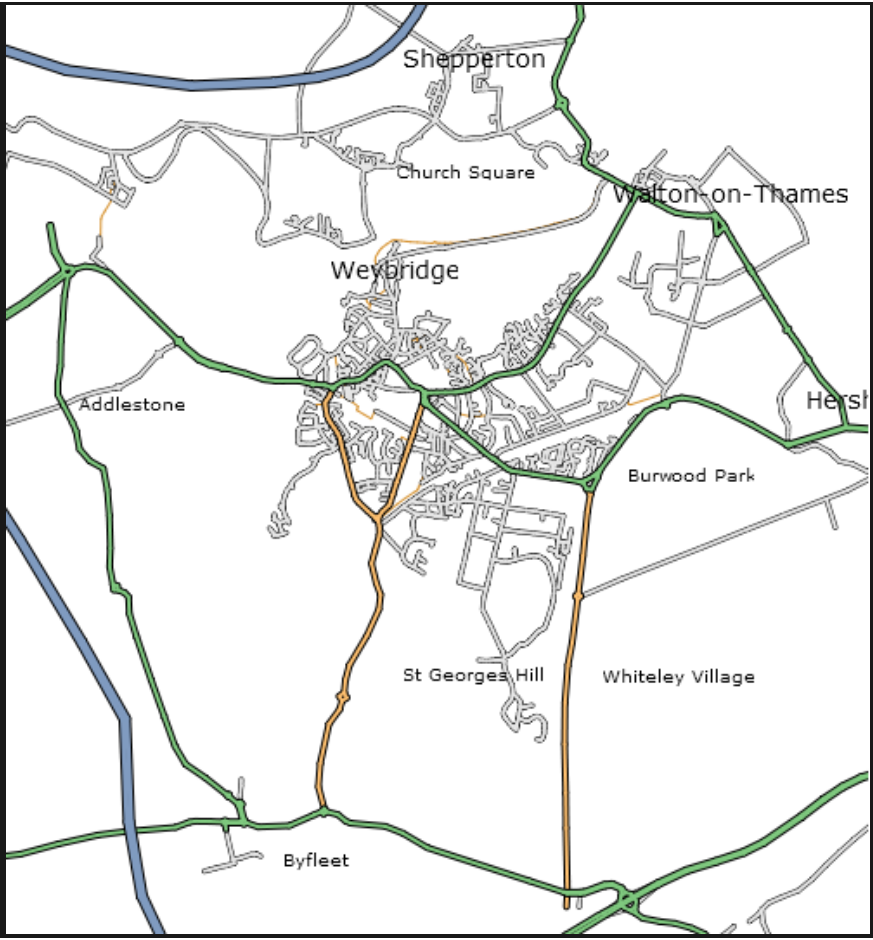
MAPSTRACTION

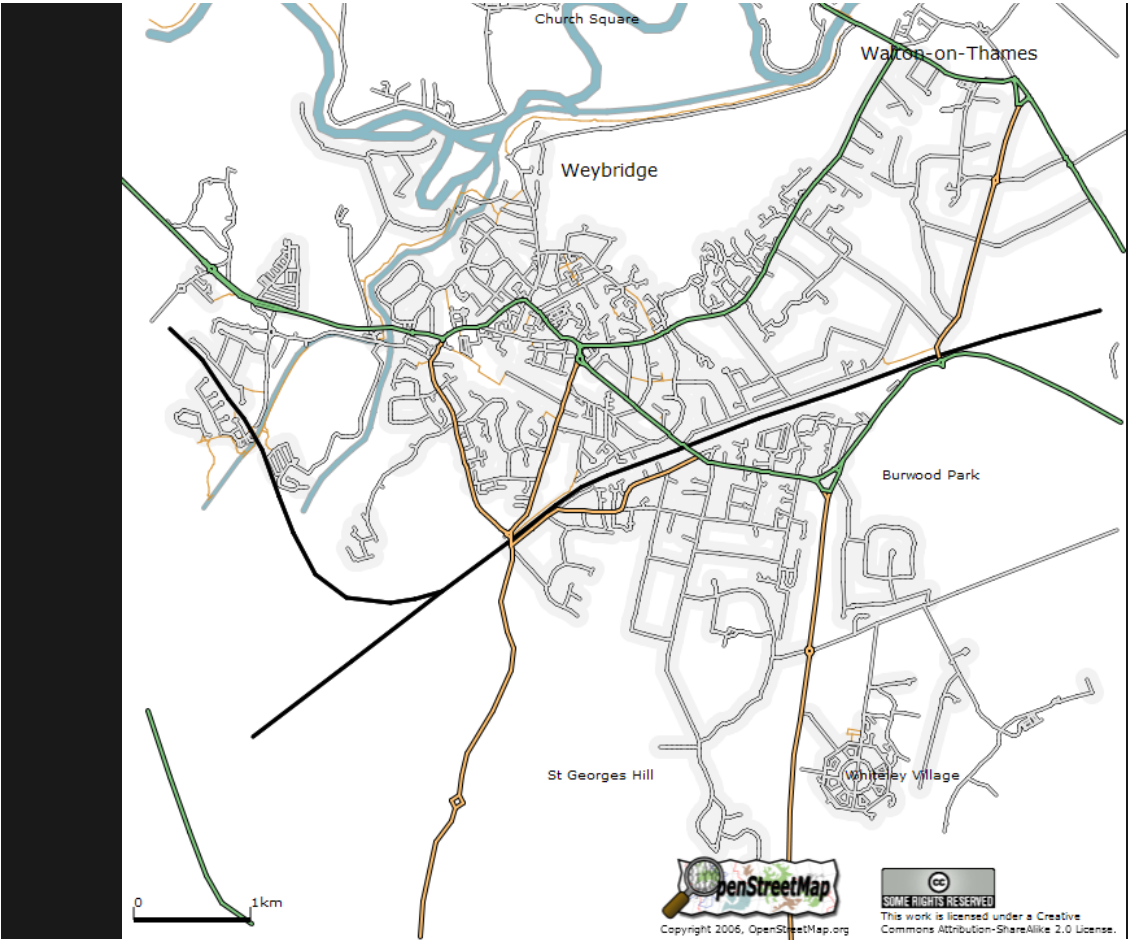
- Abstraction API for G-Y-M maps
- OSM planned

Pretty Maps




Shepperton
Chertsey
Church Square
Walton-on-Thames
Weybridge
Addlestone
Hersham
Burwood Park
St Georges Hill
Whiteley Village
Byfleet


Shepperton
Church Square
Walton-on-Thames
Weybridge
Addlestone
Hersh
Burwood Park
St Georges Hill
Whiteley Village
Byfleet


Church Square
Walton-on-Thames
Weybridge
Burwood Park
St Georges Hill
Whiteley Village
0
1km
OpenStreetMap
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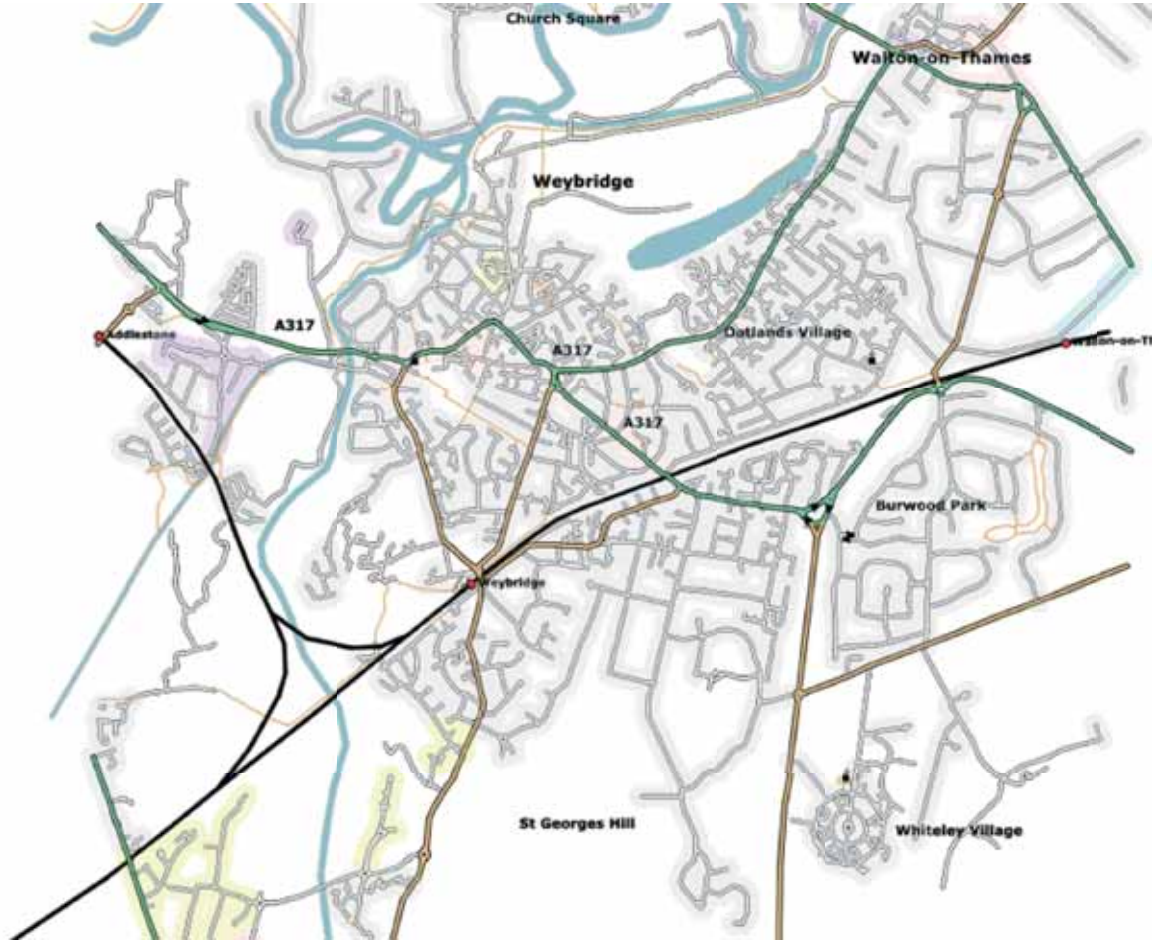
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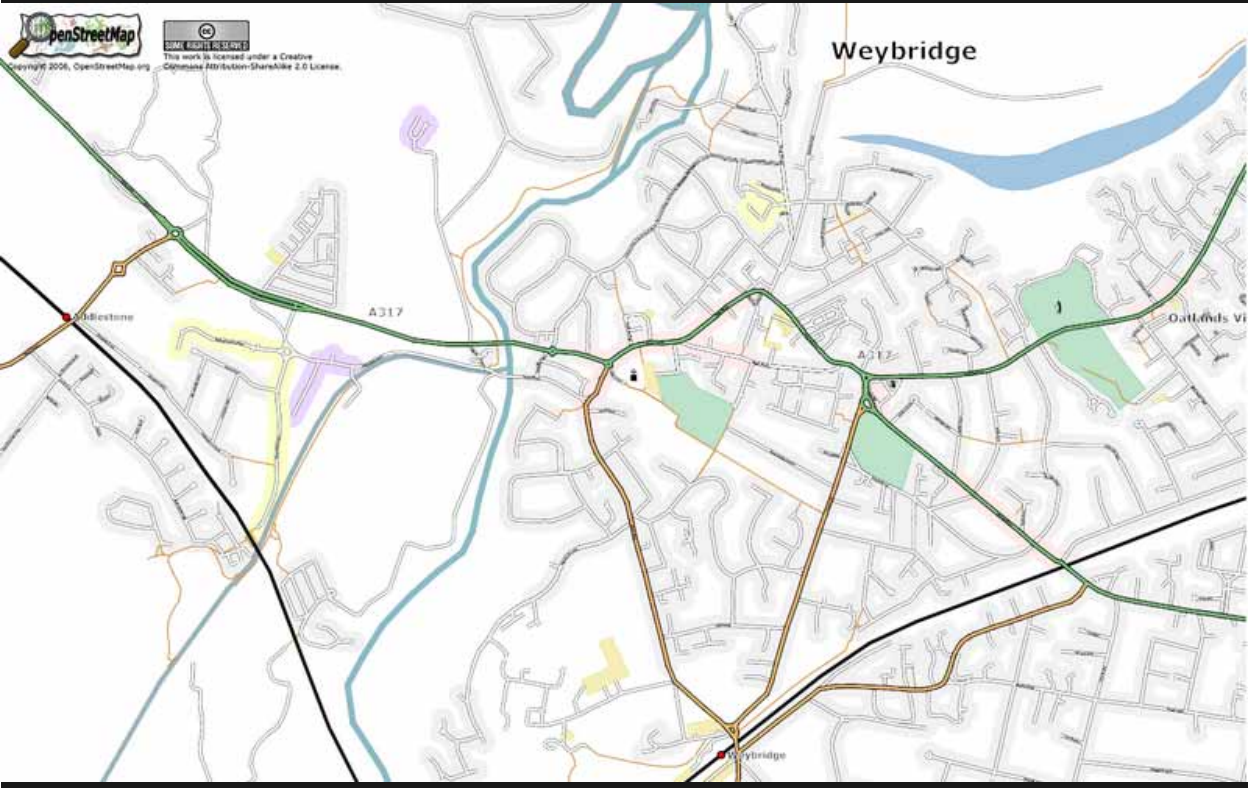
Walton-on-Thames
Weybridge
A317
Addlestone
A317
Oatlands Village
A317
Burwood Park
Weybridge
St Georges Hill
Whiteley Village



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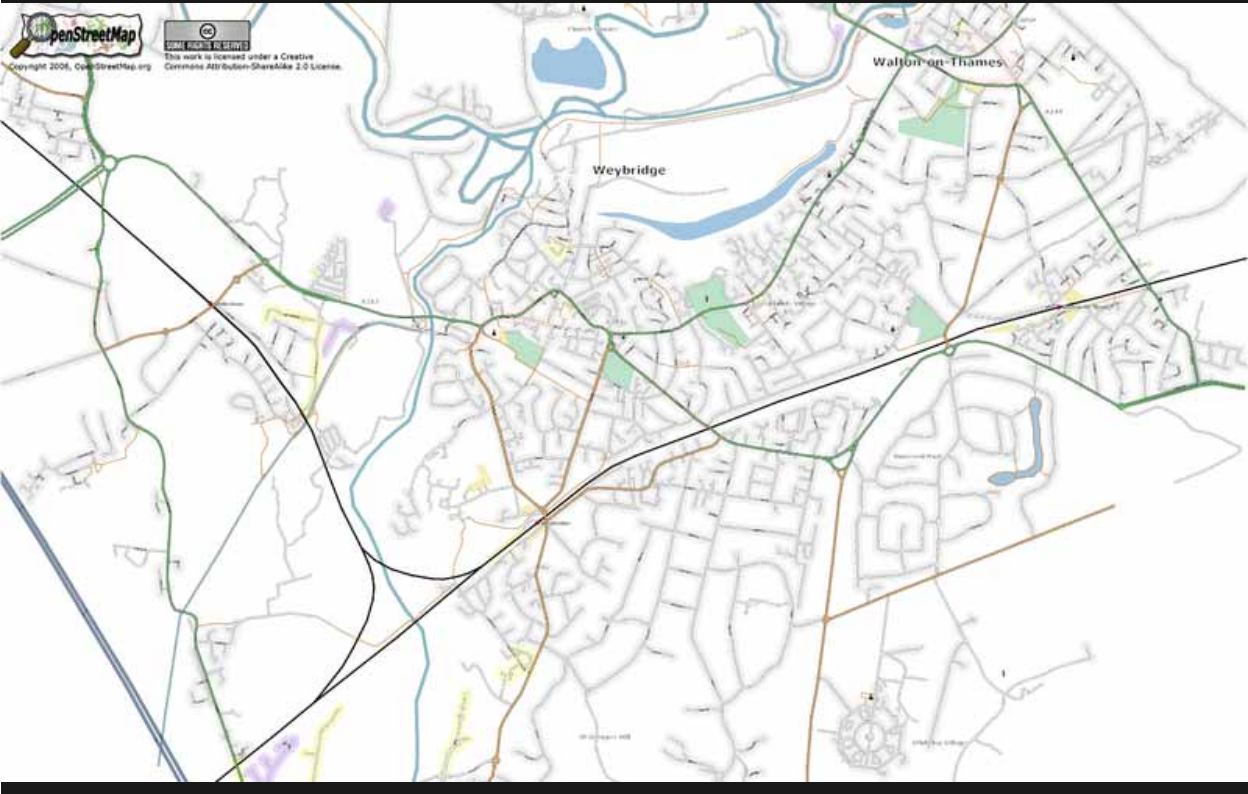

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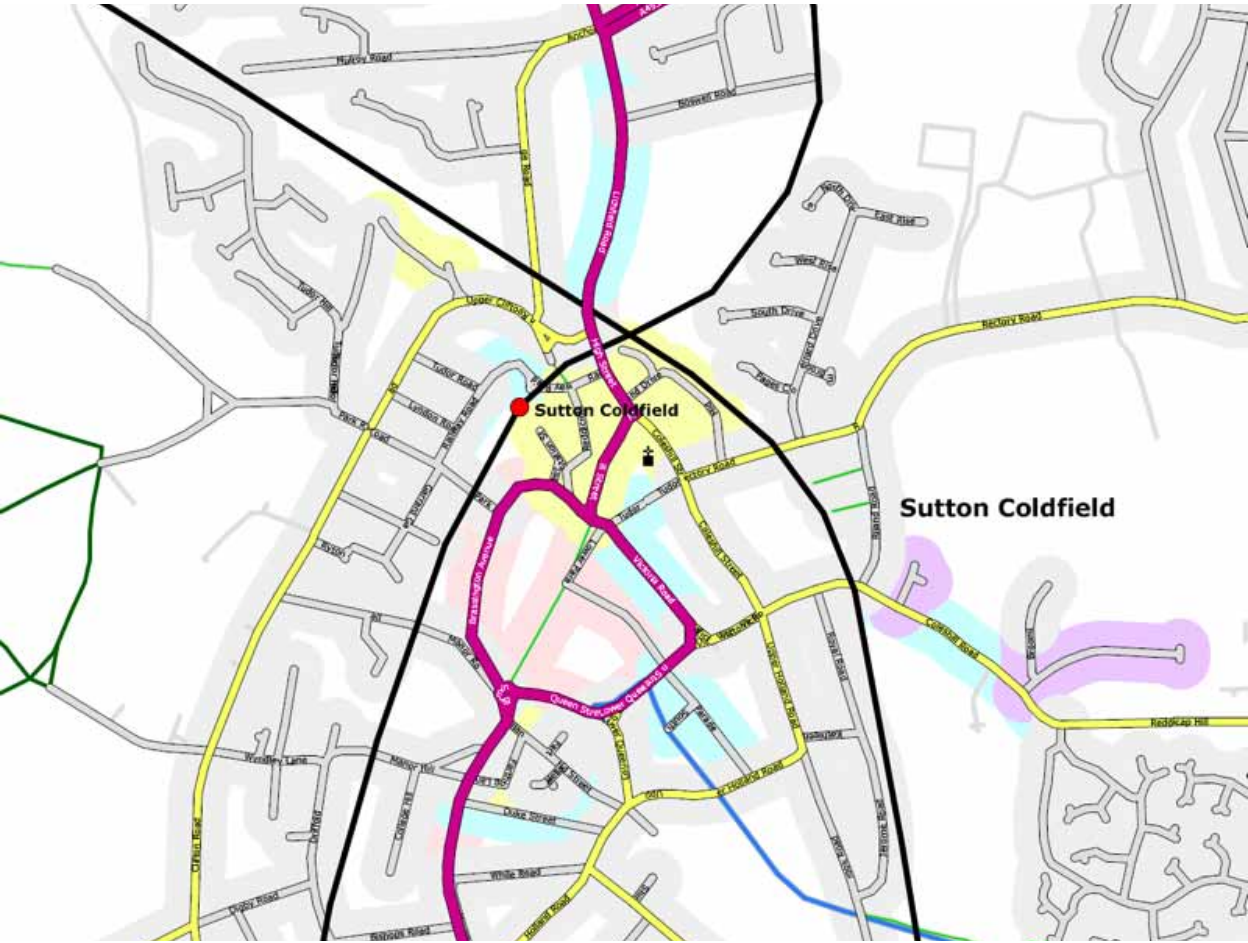
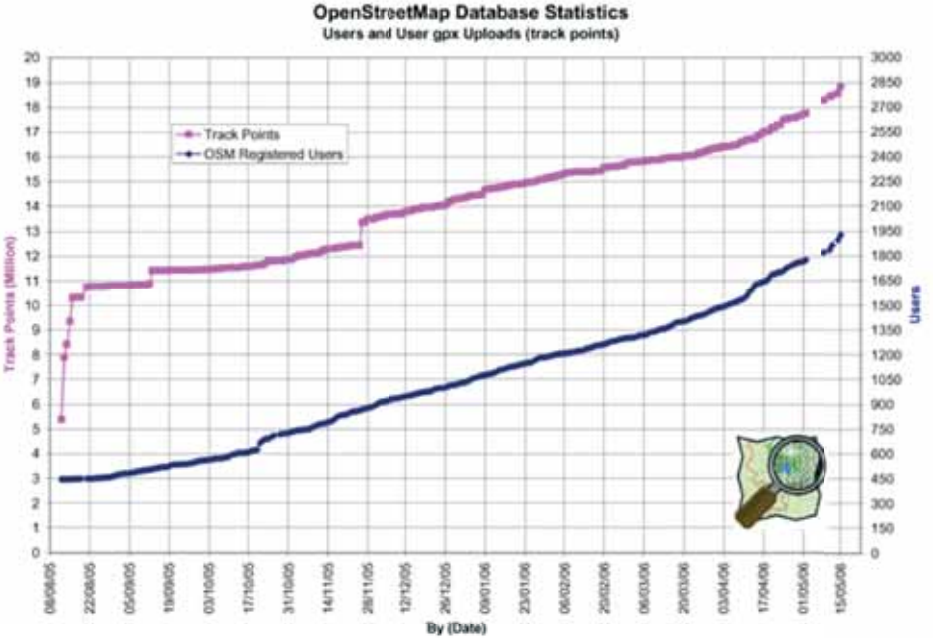

Sutton Coldfield
Sutton Coldfield

Progress

Bubble wrap, padlocks, boxes, tape...
LOWEST PRICE


OpenStreetMap Database Statistics
Users and User gpx Uploads (track points)
Track Points
OSM Registered Users
Track Points (Million)
Users
By (Date)
08/08/05
22/08/05
05/09/05
19/09/05
03/10/05
17/10/05
31/10/05
14/11/05
28/11/05
12/12/05
26/12/05
09/01/06
23/01/06
06/02/06
20/02/06
06/03/06
20/03/06
03/04/06
17/04/06
01/05/06
15/05/06

2005-04-01

TIGER/LINE

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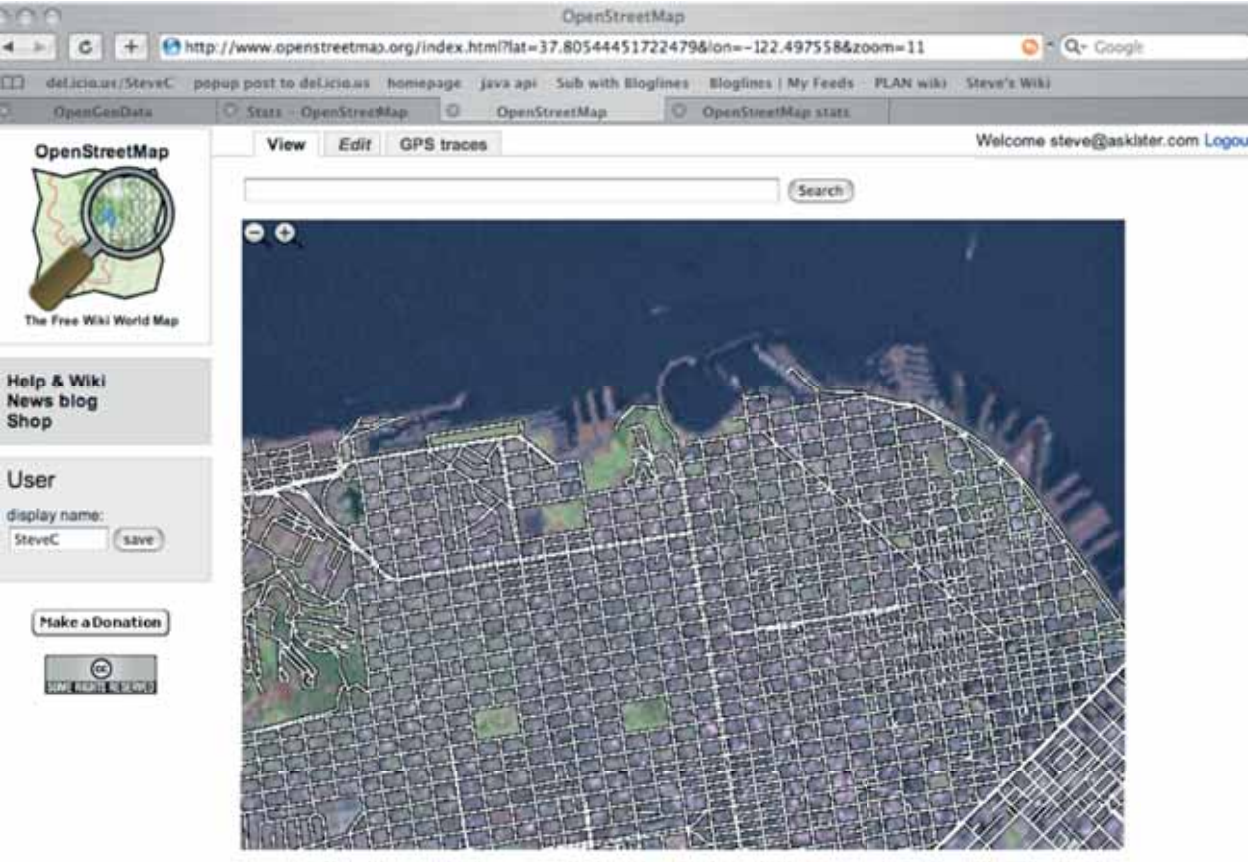
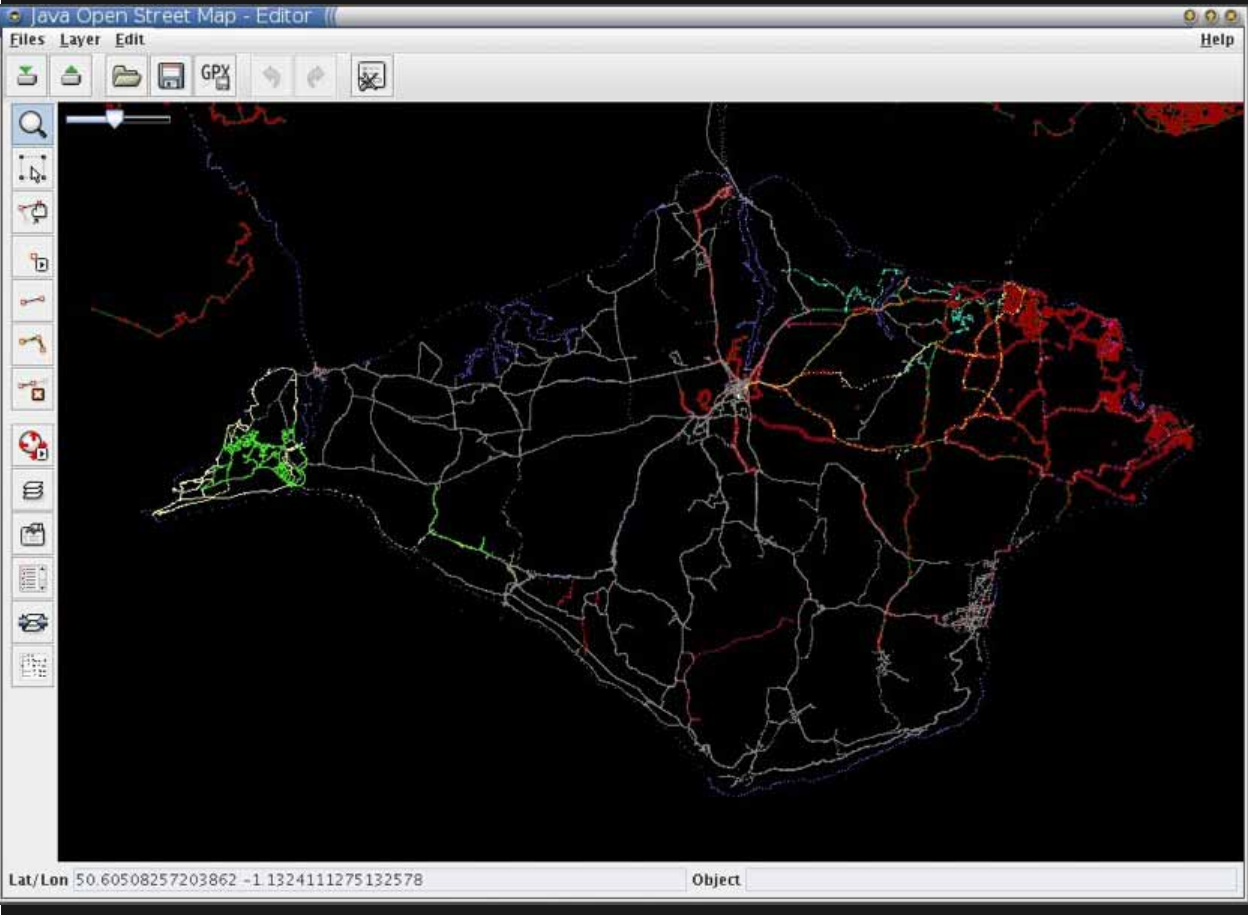
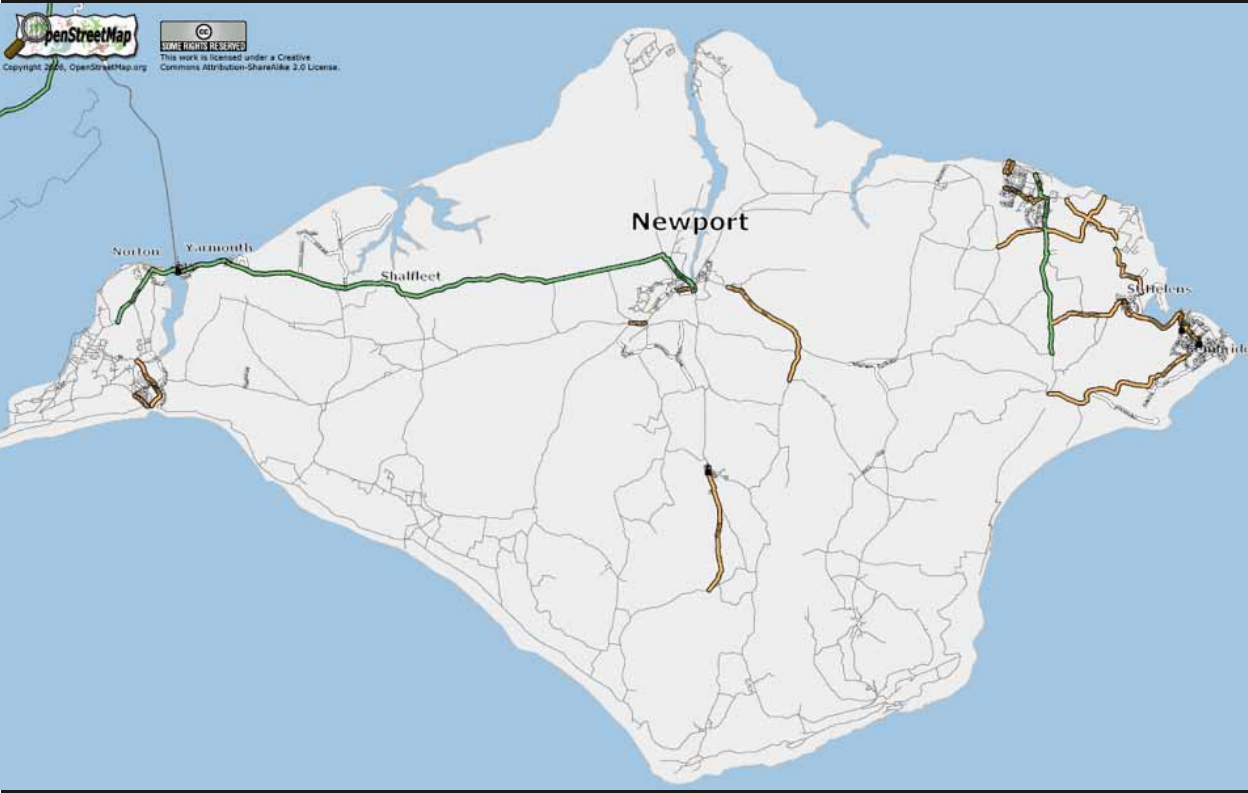

OpenStreetMap
http://www.openstreetmap.org/index.html?lat=37.805444517224798lon=-122.497558&zoom=11
Google
del.icio.us/SteveC
popup post to del.icio.us
homepage
java api
Sub with Bloglines
Bloglines | My Feeds
PLAN wiki
Steve's Wiki
OpenGeoData
Stats - OpenStreetMap
OpenStreetMap
OpenStreetMap stats
OpenStreetMap
The Free Wiki World Map
Help & Wiki
News blog
Shop
User
display name:
SteveC
save
Make a Donation
View
Edit
GPS traces
Welcome steve@asklater.com Logou
Search

Workshops

Or, Map as Party

THE SOLENT
SPITHEAD
LYMINGTON
Yarmouth
NEWPORT
I S L E O F W I G H T
SANDOWN
SHANKLIN
VENTNOR


Java Open Street Map - Editor
Files Layer Edit
Help
GPX
Lat/Lon 50.60508257203862 -1.1324111275132578
Object



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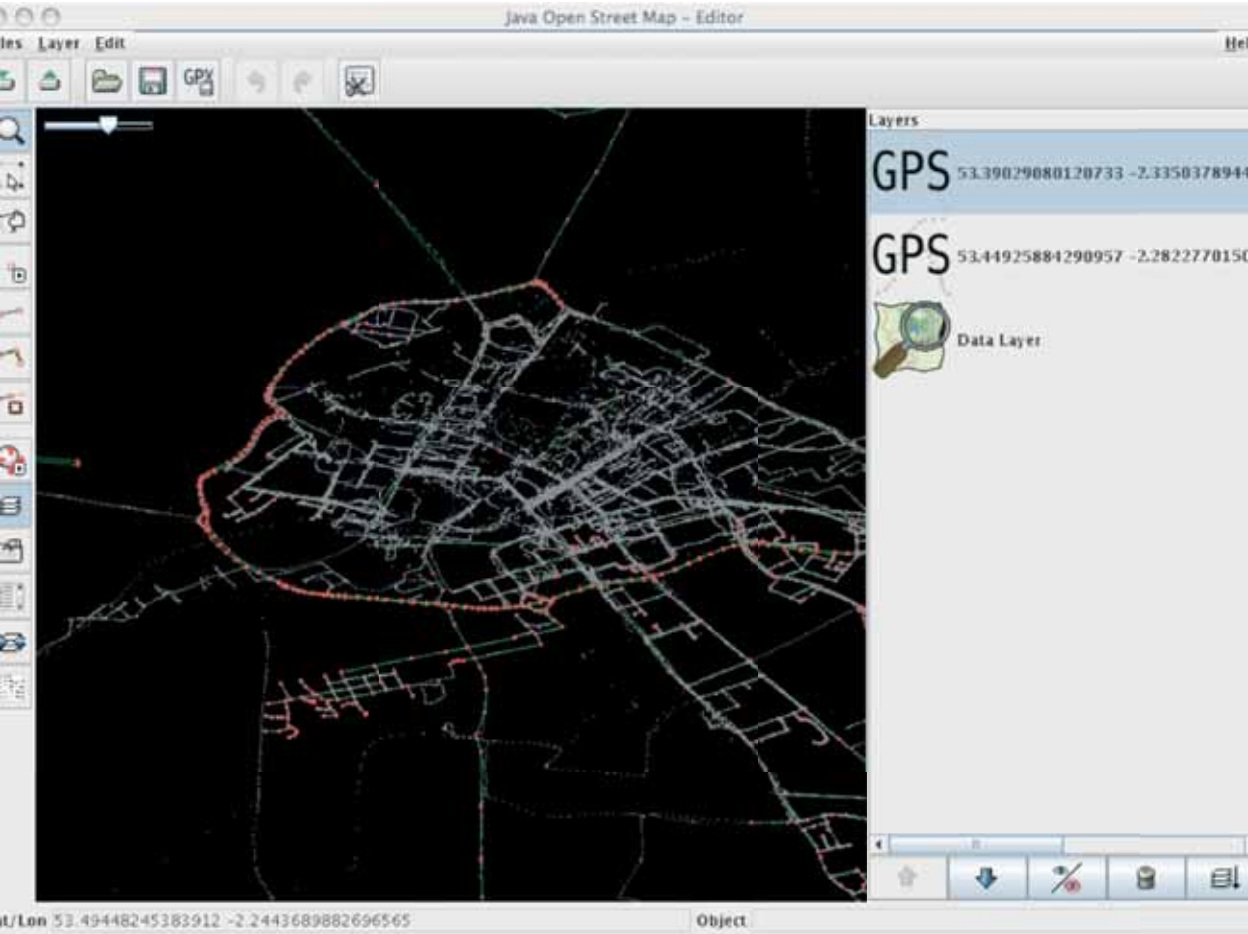
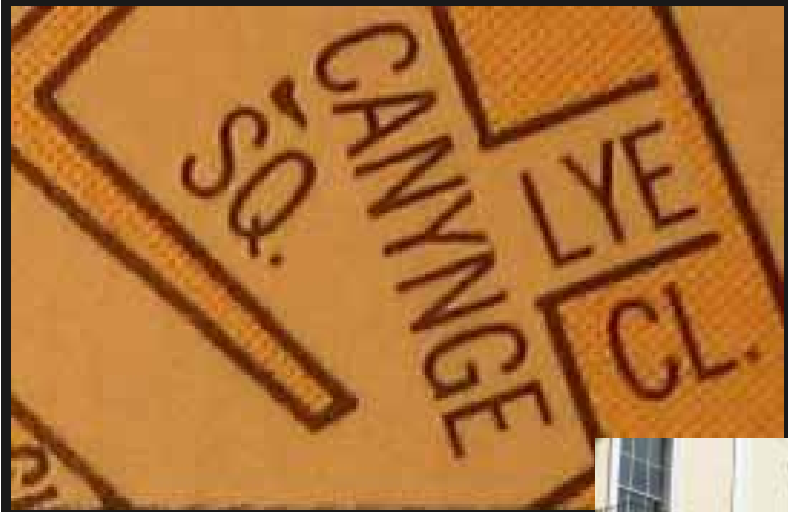

Java Open Street Map – Editor
les Layer Edit
Layers
GPS 53.39029080120733 -2.3350378944
GPS 53.449258842909 57 -2.2822770150
Data Layer
t/Lon 53.49448245383912 -2.2443689882696565
Object

Fallout


SQ.
CANYNGE
LYE
CL.

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."

Postcodes!?

57.178650
57.179970 -2.148700
57.154300 -2.104150 AB25 3
57.390770 -1.965510 AB41 8JU
57.365080 -2.071200 AB41 9JB
57.390010 -2.596490 AB52 6UY
51.730907 -0.317316 AL1 1DS
51.733203 -0.346262 AL1 2QL
51.721616 -0.293305 AL2 1GR
51.710522 -0.331070 AL2 2LA
51.714127 -0.333903 AL2 2LE
51.724834 -0.340726 AL2 2PA
51.746314 -0.258973 AL4 0SE
51.770150 -0.296870 AL4 9AH
51.770430 -0.321020 AL4 9NH
51.815879 -0.337272 AL5 5RU
51.821930 -0.214148 AL6 9HT
52.434691 -1.901901 B14 7TG
52.551040 -1.817927 B72 1JU
52.404420 -1.827760 B90 2AA
52.300354 -1.969556 B97 4NF
51.378340 -2.367850 BA2 3BH
53.847590 -1.767370 BD17 5QA
50.682699 -2.123162 BH20 4PF
50.679071 -2.231780 BH20 6EP
50.780 -1.977160 BH21 1HJ
1950 BN1 3DA
8DH

Thanks for listening

Steve Coast

asklater.com/steve/