



OpenStreetMap.org

OSM for short

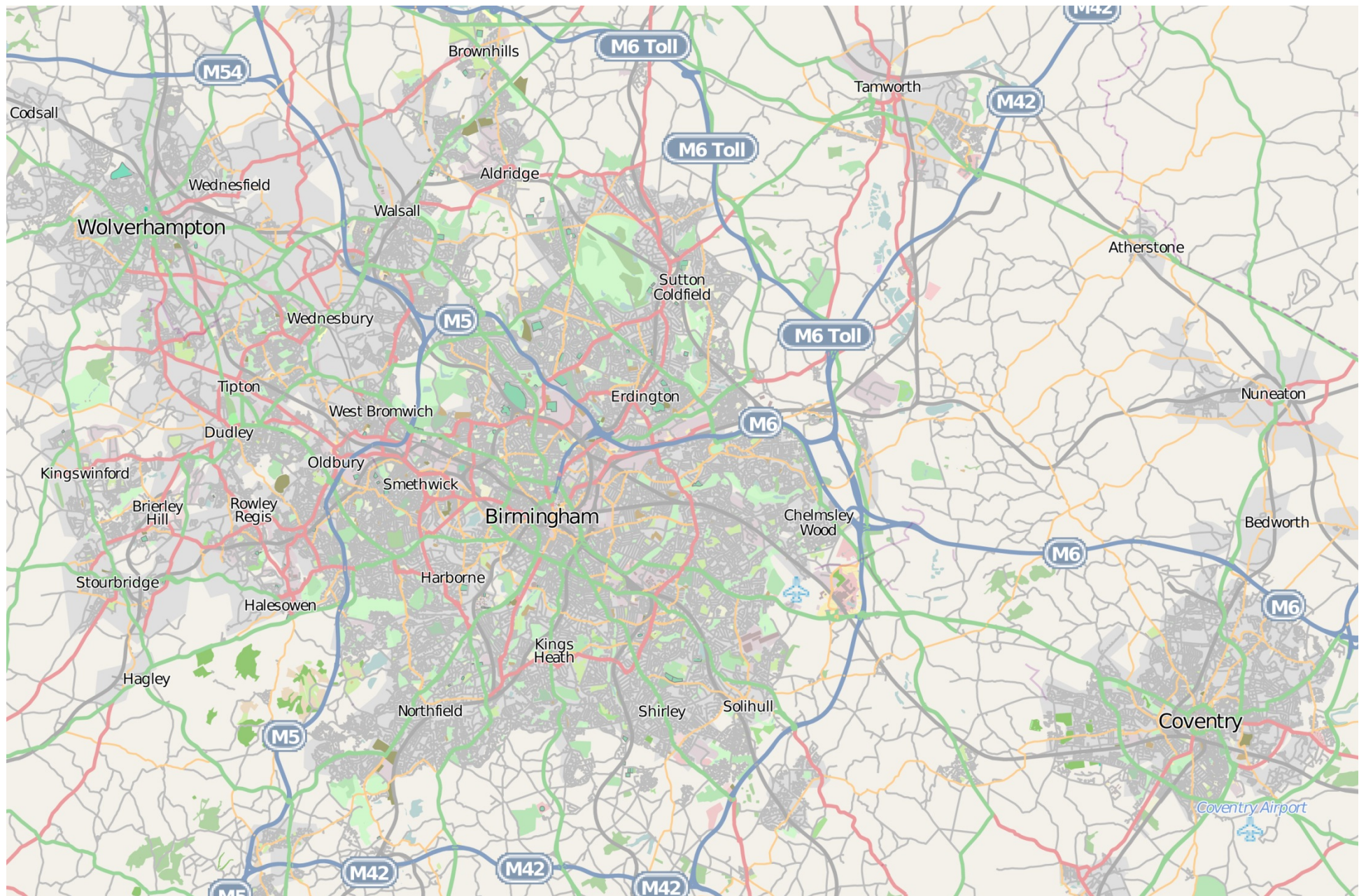
Τι είναι;

Το **OpenStreetMap** είναι ένας ψηφιακός δικτυακός χάρτης ελεύθερος για όλους.

Μας επιτρέπει να δούμε, διορθώσουμε και να χρησιμοποιήσουμε γεωγραφικά δεδομένα οπουδήποτε στην γη και σε συνεργασία με άλλους χρήστες.

Ο οργανισμός

Ο οργανισμός **OpenStreetMap** είναι ένας μη κερδοσκοπικός διεθνής οργανισμός ο οποίος στηρίζει αλλά δεν ελέγχει το project. Σκοπός του είναι η ενθάρυνση της χρήσης, ανάπτυξης και διάθεσης ανοιχτών γεωδεδομένων, ελεύθερα για τον καθένα ώστε να τα χρησιμοποιήσει ή/και να τα μοιραστεί με άλλους.





The Free Wiki World Map

OpenStreetMap is a free editable map of the whole world. It is made by people like you.

OpenStreetMap allows you to view, edit and use geographical data in a collaborative way from anywhere on Earth.

OpenStreetMap's hosting is kindly supported by the [UCL VR Centre](#) and [bytemark](#). Other supporters of the project are listed in the [wiki](#).

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Search [Where am I?](#)

examples: 'Alkmaar', 'Regent Street, Cambridge', 'CB2 5AQ', or 'post offices near Lünen'
[more examples...](#)

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examples: 'Alkmaar', 'Regent Street, Cambridge', 'CB2 5AQ', or 'post offices near Lünen'
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View

Edit

History

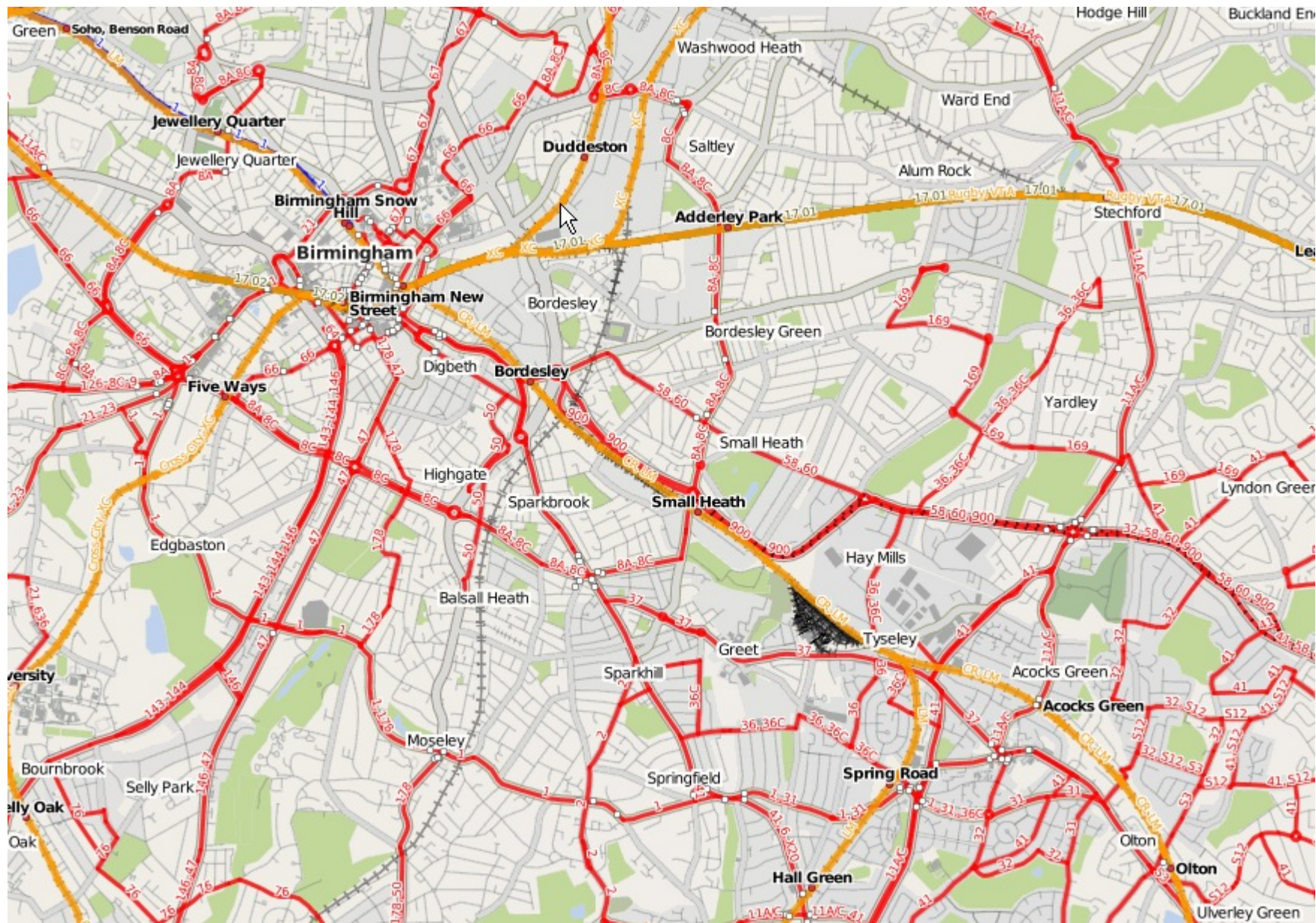
Export

GPS Traces

User Diaries

[log in](#) | [sign up](#)



Routes for Link with New Street to Link with Curzon Street

Journey no.
#92617

[\[change\]](#) [\[return\]](#)

If you decide to follow the suggested journey below please take extra care on unfamiliar sections - proceed at your own risk as route quality cannot be guaranteed.

[Fastest route](#) [Balanced route](#) [Quietest route](#)

Fastest route [With turn-by-turn details below]

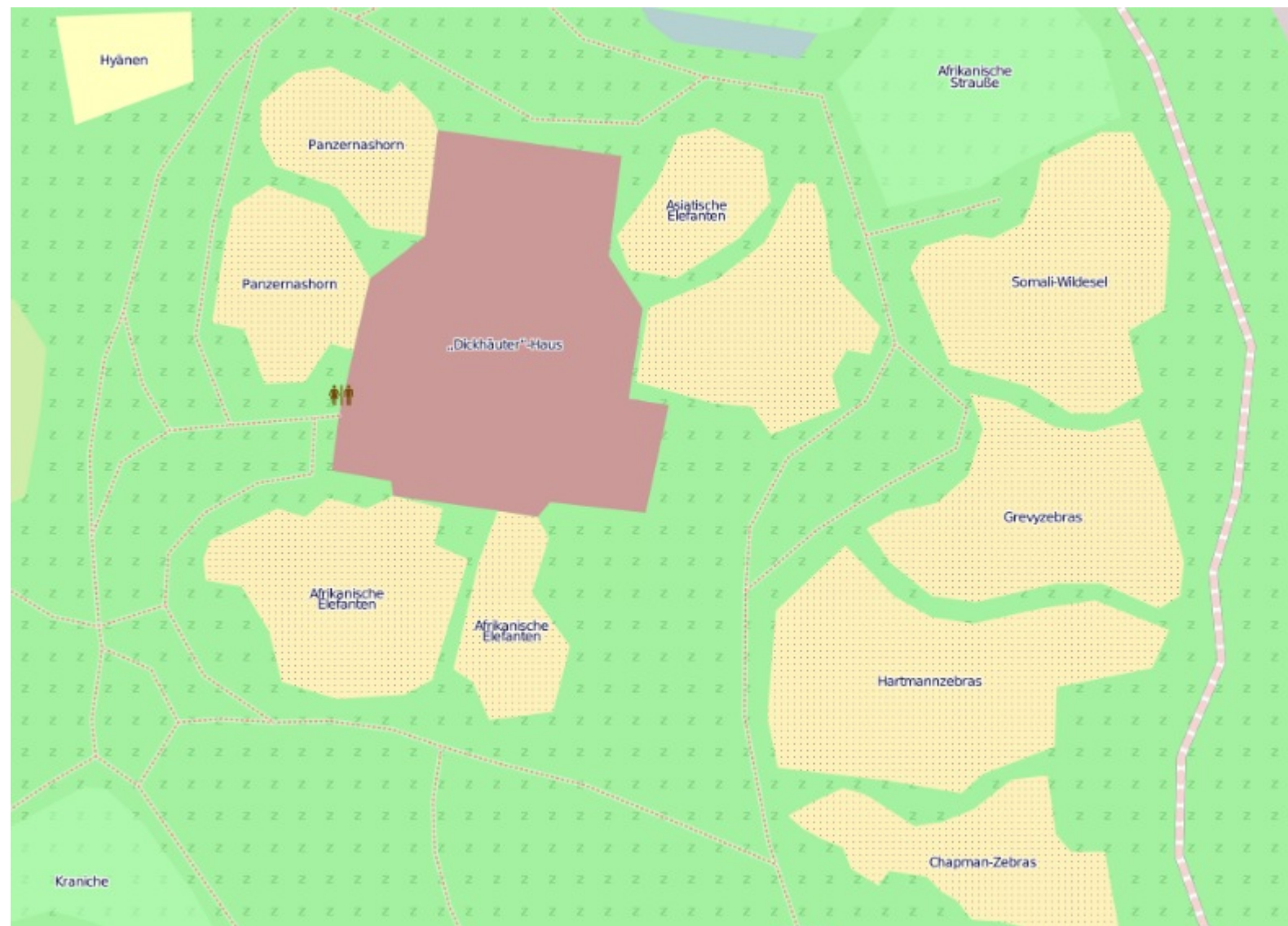
 BETA: Please give us [quick feedback](#) if the route seems odd

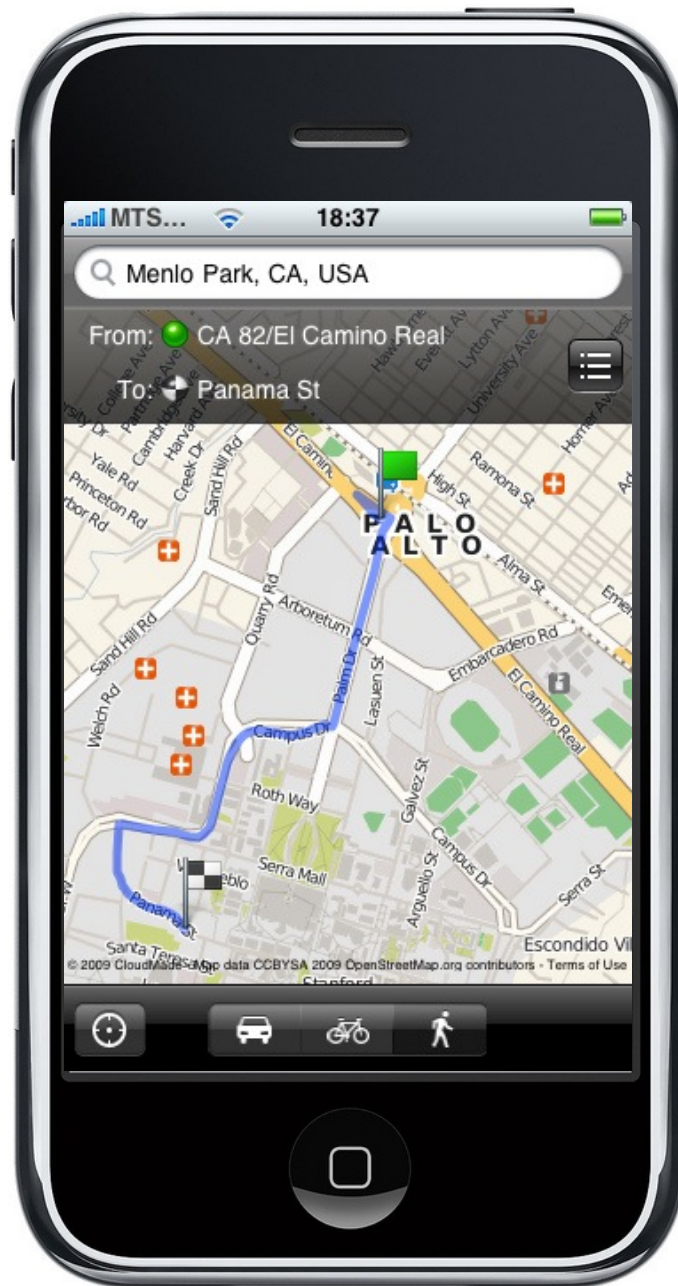
- Time: 10 minutes
- Distance: $\frac{3}{4}$ of a mile
- Quietness: 64 %  Quite busy
- Leaving at: 2.24pm, 18th November, 2009
- Arriving at: 2.35pm, 18th November, 2009

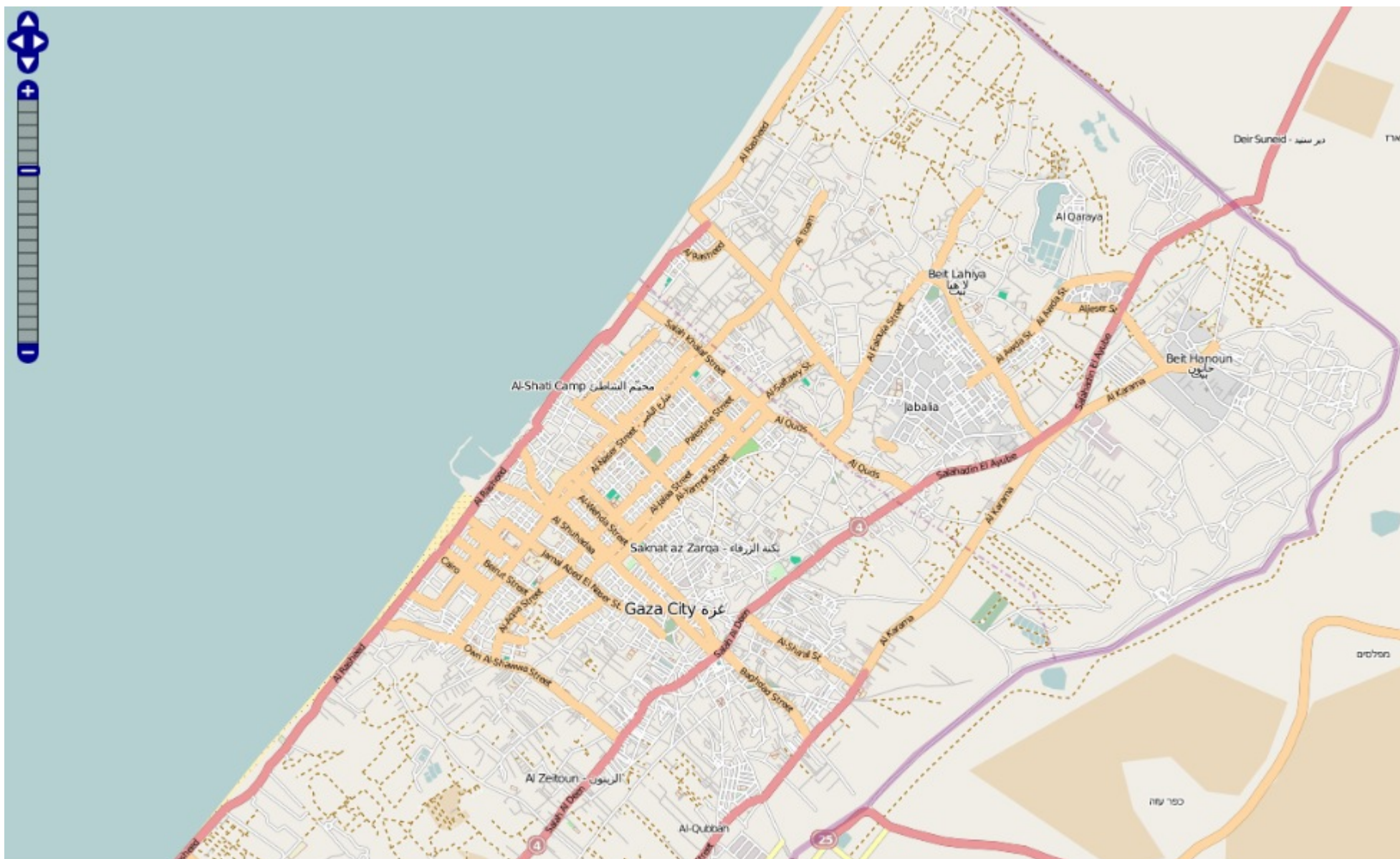
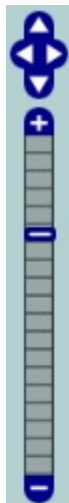


Map images © 2009 OpenStreetMap.org licensed under Creative Commons Attribution-ShareAlike 2.0 License.









Χωροθέτηση & πλούτος γεω-πληροφορίας

- Σχολεία
- Κέντρα απασχόλησης
- Πεζόδρομοι
- Ανοιχτές μπυραρίες
- Διευθύνσεις
- Αξιοθέατα
- ... Η λίστα είναι ατέλειωτη :-)





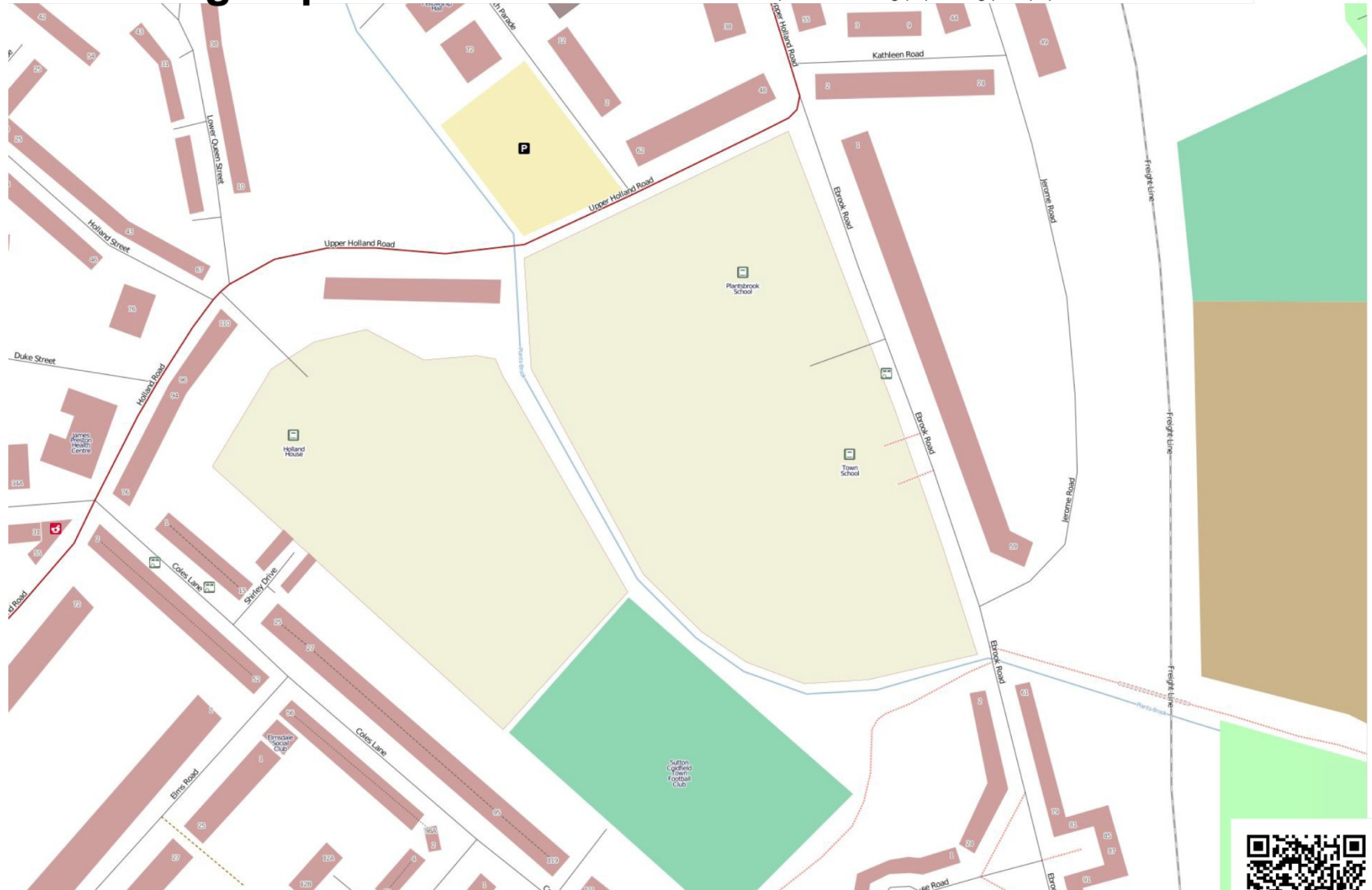
LET'S GO MAPPING

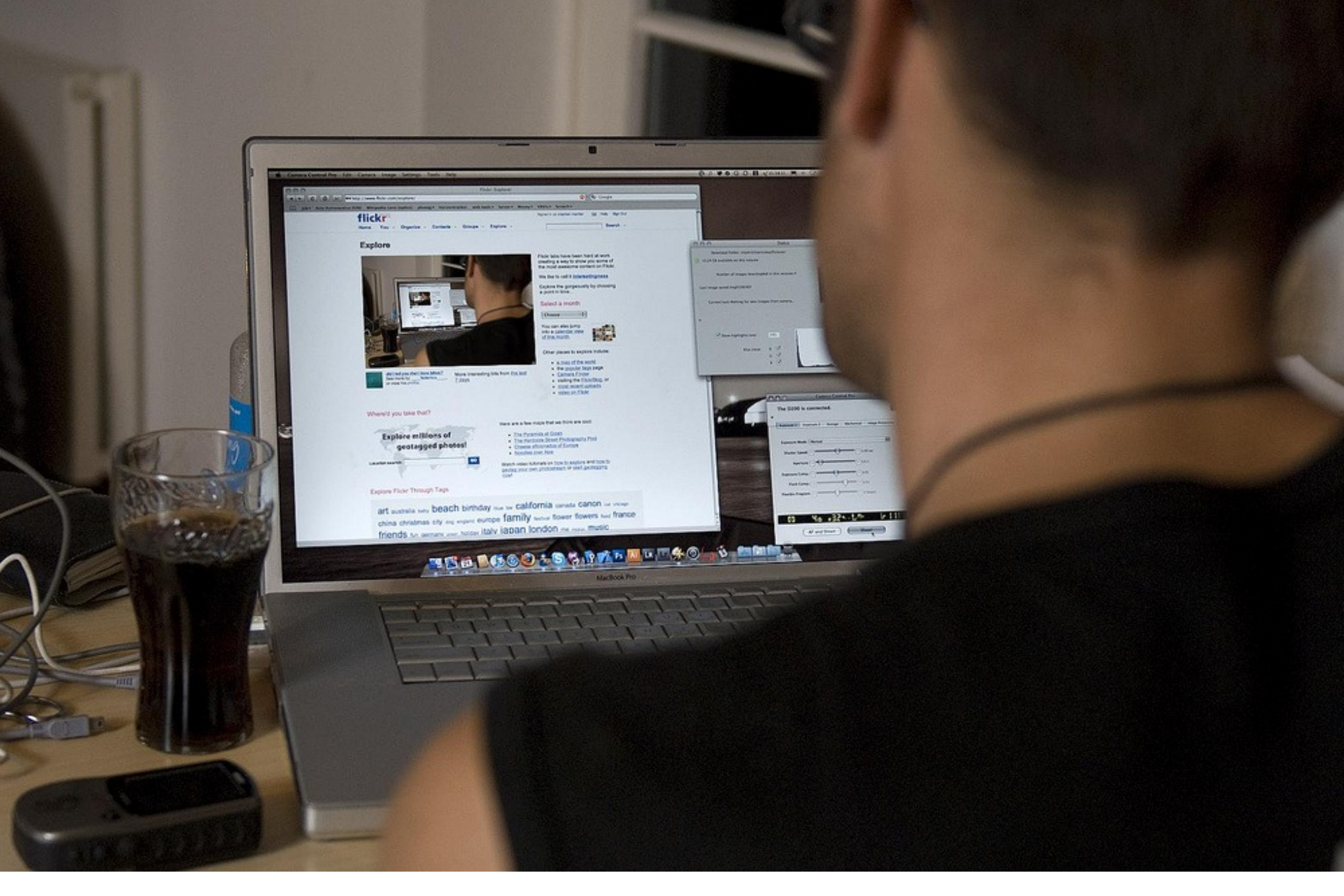




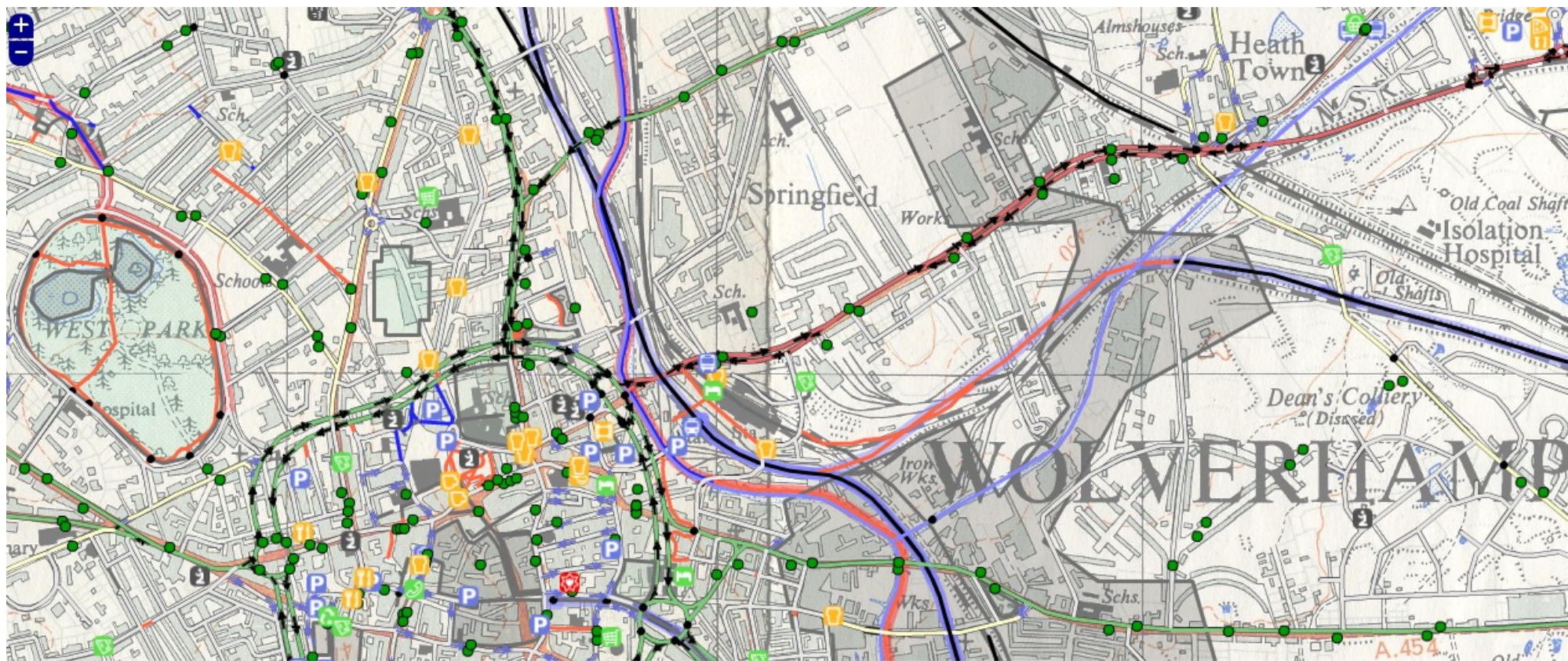
Walking Papers

Help improve OpenStreetMap by drawing on this map, then visit <http://www.walking-papers.org/print.php?id=kvh44vk>









260m (z15)

Drag and drop points of interest

Airport	Bus stop	Ferry	Parking	Rail station	Taxi rank	Bar
Cafe	Cinema	Fast food	Pub	Restaurant	Theatre	Convenience
Hotel	Pharmacy	Postbox	Recycling	Supermarket	Telephone	Fire station
Hospital	Police station	Place of worship	Museum	School		

Help Advanced

Editing live

TAGS

key=value είναι το κλειδί και η τιμή του.

Ελεύθερα βάζουμε ονόματα και τιμές σε ότι βλέπουμε !

Παραδείγματα:

highway=motorway

amenity=school

access=private

horse=yes



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You are free:



to Share — to copy, distribute and transmit the work



to Remix — to adapt the work



Under the following conditions:



Attribution. You must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).



Share Alike. If you alter, transform, or build upon this work, you may distribute the resulting work only under the same or similar license to this one.

ODbL

You are free:



To Share: To copy, distribute and use the database.



To Create: To produce works from the database.



To Adapt: To modify, transform and build upon the database.

As long as you:



Attribute: You must attribute any public use of the database, or works produced from the database, in the manner specified in the ODbL. For any use or redistribution of the database, or works produced from it, you must make clear to others the license of the database and keep intact any notices on the original database.



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Keep open: If you redistribute the database, or an adapted version of it, then you may use technological measures that restrict the work (such as DRM) as long as you also redistribute a version without such measures.



Changeset: 2883322

Created at: Sun, 18 Oct 2009 14:09:41 +0000
Closed at: Sun, 18 Oct 2009 14:09:47 +0000
Belongs to: [blackadder](#)
Tags: comment = Pelsall
 created_by = JOSM/1.5 (2296 en_GB)
 52.6270797
Bounding box: -1.9835829 ([box](#)) -1.9645441
 52.6157405

Has the following 9 nodes: [369543329, v3](#)
[534692031, v1](#)
[534692030, v1](#)
[534692029, v1](#)
[534692028, v1](#)
[534692027, v1](#)
[534692026, v1](#)
[The Red Cow \(534692025, v1\)](#)
[534692024, v1](#)

Showing page 1 (1-9 of 9)

Has the following 32 ways: [42727031, v2](#)
[42727030, v2](#)
[Brewers Terrace \(42726980, v2\)](#)
[Brewers Terrace \(42726981, v2\)](#)
[42726982, v2](#)
[Marlpool Drive \(42727047, v2\)](#)
[Marlpool Drive \(42727048, v2\)](#)
[Marlpool Drive \(42727027, v2\)](#)
[Valley Side \(42727026, v2\)](#)
[Pasture View \(42727025, v2\)](#)
[Pasture View \(42727024, v2\)](#)
[Marlpool Drive \(42727028, v2\)](#)
[Valley Side \(42727023, v2\)](#)
[Windrush Close \(42727035, v2\)](#)
[Windrush Close \(42727034, v2\)](#)

[< 2882537](#) | [blackadder](#) | [2883628 >](#)
[< 2883321](#) | [2883323 >](#)

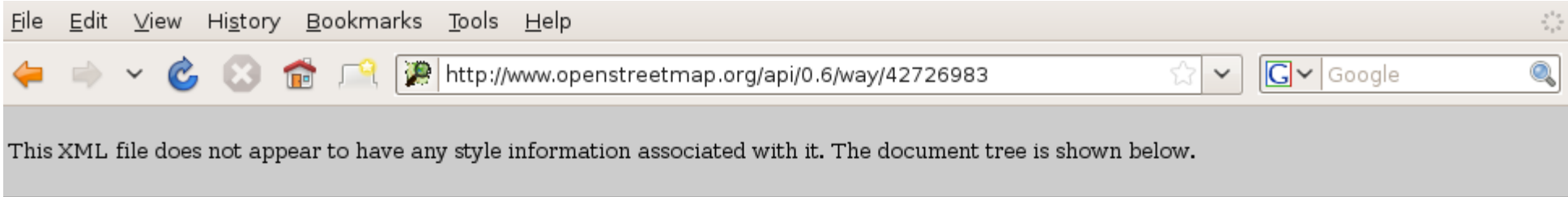


[View area on larger map](#)



Way: Bush Grove (42726983)

Edited at: Sun, 18 Oct 2009 12:57:56 +0000**Edited by:** [blackadder](#)**Version:** 2**In changeset:** [2882537](#)**Comment:** Pelsall**Tags:** abutters = residential
highway = residential
name = Bush Grove
source = GPS Survey
surface = paved**Nodes:** [444760176](#) (also part of way [Walsall Road \(40221369\)](#))
[534330803](#)
[534330804](#)
[534330834](#)
[534330835](#)
[534330836](#) (also part of way [Bush Grove \(42726984\)](#))
[534330837](#)< [42726982](#) | [42726984](#) >[View area on larger map](#)
[View way on larger map](#)



```
- <osm version="0.6" generator="OpenStreetMap server">
- <way id="42726983" visible="true" timestamp="2009-10-18T12:57:56Z" version="2" changeset="2882537" user="blackadder"
  uid="735">
  <nd ref="444760176"/>
  <nd ref="534330803"/>
  <nd ref="534330804"/>
  <nd ref="534330834"/>
  <nd ref="534330835"/>
  <nd ref="534330836"/>
  <nd ref="534330837"/>
  <tag k="abutters" v="residential"/>
  <tag k="highway" v="residential"/>
  <tag k="name" v="Bush Grove"/>
  <tag k="source" v="GPS Survey"/>
  <tag k="surface" v="paved"/>
</way>
</osm>
```


OpenStreetMap



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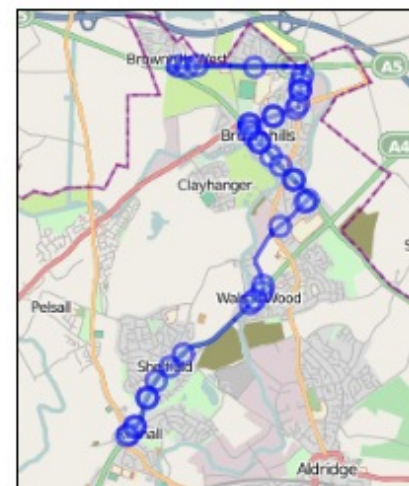
Welcome, [blackadder](#) | [inbox \(0\)](#) | [logout](#)

Relation: Bus Route 394A (NXWM) (176998)

< [176997](#) | [176999](#) >

Edited at: Sun, 18 Oct 2009 22:14:13 +0000
Edited by: [burto](#)
Version: 6
In changeset: [2889297](#)
Comment: Routing fixes
Tags: name = Bus Route 394A (NXWM)
operator = National Express West Midlands
ref = 394A
route = bus
type = route

Members: Node [367994175](#)
Way [Lichfield Road \(32510982\)](#)
Node [Brownhills BE \(369543563\)](#)
Way [High Street \(32510983\)](#)
Node [369543456](#)
Node [369543137](#)
Way [High Street \(32491550\)](#)
Way [Chester Road \(32491549\)](#)
Way [Walsall Road \(32510981\)](#)
Node [Brownhills BB \(369543561\)](#)
Node [367994172](#)
Node [369543139](#)
Node [Brownhills BD \(369543566\)](#)
Way [Lichfield Road \(32692838\)](#)
Way [Lichfield Road \(37986420\)](#)
Way [Lichfield Road \(37988946\)](#)
Node [369543520](#)
Node [369543172](#)
Way [Lindon Road \(32489481\)](#)
Way [High Street \(37898404\)](#)
Node [365286017](#)



[View area on larger map](#)
[View relation on larger map](#)

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http://wiki.openstreetmap.org/wiki/Main_Page

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Welcome to OpenStreetMap

OpenStreetMap creates and provides free geographic data such as street maps to anyone who wants them. The project was started because most maps you think of as free actually have legal or technical restrictions on their use, holding back people from using them in creative, productive, or unexpected ways.

[Show me the map!](#)

I want to see maps; get out of my way!

Beginners' Guide

All the resources for a complete beginner to learn about and get involved with OpenStreetMap.

Map Making

The complete reference to everything about editing our maps.

Development

Lend your programming skills to help make OpenStreetMap better.

FAQs

Got a question? The most common are answered here.

Press

Information and background for journalists.

Image of the week



Rostock-3D - 3D city model in OSM, with all buildings and correct building heights.

[Other featured images](#)

Meta Info



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Καλωσήρθατε στο OpenStreetMap

Το OpenStreetMap δημιουργεί και παρέχει ελεύθερα γεωγραφικά δεδομένα, όπως οδικούς χάρτες, σε οποιονδήποτε τα επιζητά. Το έργο ξεκίνησε διότι οι περισσότεροι χάρτες που θεωρούνται ελεύθεροι, στην πραγματικότητα έχουν νομικούς ή τεχνικούς περιορισμούς στην χρήση τους, αποτρέποντας έτσι το κοινό από το να τους χρησιμοποιεί για δημιουργικούς, παραγωγικούς ή άλλους σκοπούς.

Δείξε μου τον χάρτη!

Θέλω να δω τον χάρτη, πήγαινε με εκεί!

Οδηγός για Αρχαρίους

Όλες οι απαραίτητες πληροφορίες για τον αρχάριο που θέλει να μάθει και να συμμετάσχει στο Openstreetmap.

Δημιουργία Χαρτών

Ο πλήρης οδηγός για την επεξεργασία των χαρτών μας.

Ανάπτυξη

Συμβάλλεται στην βελτίωση του OpenStreeMap με τις προγραμματιστικές σας γνώσεις.

FAQs

Έχετε κάποια ερώτηση; Οι πιο κοινές απαντώνται εδώ.

Τύπος

Πληροφορίες και ιστορικό για δημοσιογράφους.

Portals ^{+/-}

Χαρτογράφηση	Potlatch • JOSM • Merkaartor • GPS Reviews • Map Features • Proposed features
Έργα της κοινότητας	Country projects • Pictograms • Συνεργασία με τη Wikipedia
Σχεδιαστές	Mapnik • Osmarender • Kosmos
Διαδρομές	Ποδήλατο • Πεζοπορία
Δεδομένα	Εισαγωγή

Template:Εικόνα της εβδομάδας

Πληροφορίες ^{+/-}

Κατάσταση πλατφόρμας	Up and running
Στατιστικά	Stats, Daily Stats Report
Δραστηριότητα	RSS feeds
Συμβαλλόμενα έργα	Free The Postcode, Mapstraction , OpenStreetPhoto

Template:Νέα

Lolcat of awesomeness ^{+/-}



For the awesum team that organised [State Of The Map 2010](#). You know who you are, be proud.



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Find out more about OpenStreetMap's upcoming license change (translations) (discussion)

El:Beginners' Guide

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Ο χάρτης

Αποστολή

Βοήθεια

Blog

Κατάστημα

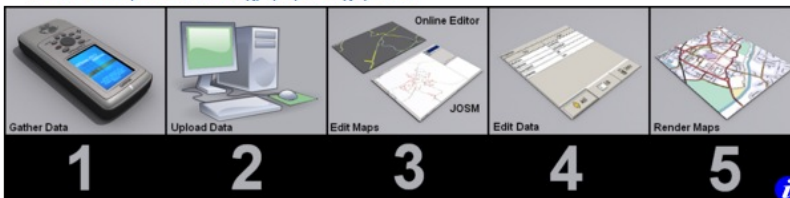
Δωρεά

Συμμετέχοντας

- Αυτός είναι ο οδηγός για αρχάριους, για το πώς μπορείτε να συμμετάσχετε στο OSM.
- Ο οδηγός αυτός προϋποθέτει την εγγραφή σας στο OSM τόσο [εδώ](#) όσο και σε αυτό το wiki, τα οποία είναι δύο ξεχωριστά logins.
- Αυτός είναι ένας βασικός οδηγός. Πιο προχωρημένες και κοινές απορίες μπορούν να βρεθούν σε ξεχωριστές σελίδες στο wiki, ενώ περισσότερες πληροφορίες είναι διαθέσιμες [εδώ](#). Επιπλέον βοήθεια από την [κοινότητα](#) μπορεί να βρεθεί σε [διάφορα μέρη](#). Μπορείτε να παρακολουθήσετε ένα σύντομο [εισαγωγικό βίντεο](#) από αυτή τη σειρά [για να ενημερωθείτε](#).
- Εάν επιθυμείτε να προσθέσετε σύντομες επισημάνσεις στον χάρτη, έτσι ώστε κάποιος πιο έμπειρος χαρτογράφος να τις δει μπορείτε να χρησιμοποιήσετε το [OpenStreetBugs](#)

Τα πέντε βήματα για την δημιουργία ενός χάρτη

1. Συλλογή δεδομένων
2. Αποστολή δεδομένων
3. Δημιουργία/Επεξεργασία δεδομένων OSM
4. Επισημάνση δεδομένων και προσθήκη λεπτομερειών
5. Απόδοση εικόνων και χρήση των χαρτών!



Categories: Guide | HOWTO

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author:

JOSM is the "**Java OpenStreetMap Editor**", a desktop application originally developed by [Immanuel Scholz](#) and currently maintained by [Dirk Stöcker](#). Its homepage is located at <http://josm.openstreetmap.de/>.

Install

You can download JOSM from [the JOSM homepage](#) [either by browsing there or by clicking the following...](#)



Download



josm-tested.jar

[josm-tested.jar](#) [is a stable version of JOSM](#)

[josm-latest.jar](#) [is the latest development version](#)

[java web-start](#) [link to launch from here](#)

[josm-setup.exe](#) [Windows Installer](#)

Linux users can install JOSM using their distro's package manager.

- for [Ubuntu](#), install package=josm, e.g. via `sudo aptitude install josm`

Usage

There are **other editors** for OpenStreetMap data, like the [Potlatch](#) online editor or [Merkaartor](#).

JOSM is a feature-rich editor with an interface which can seem complex at first. It also requires a little installation and configuration effort to get some plugin features working (particularly Yahoo Imagery). Have a look at the [comparison of editors](#) if you're still unsure which editor to choose.

JOSM/Guide

A guide taking you through getting started, downloading some data, basic editing and more advanced editing features. It is intended for beginners to read the guide from the beginning. This is a descriptive guide providing a simple introduction. Some details are intentionally left out.

JOSM Help [?](#)

This help manual should provide more exhaustive in-depth explanations of each JOSM feature. It is intended to be used as a reference manual, rather than reading from end-to-end. It is also accessible by pressing F1 within the application (context sensitive help)

Video Tutorials

Some JOSM videos as part of the Steve Coast's video series ([\[1\]](#) [?](#))

[JOSM basic introduction](#) [8](#)

JOSM



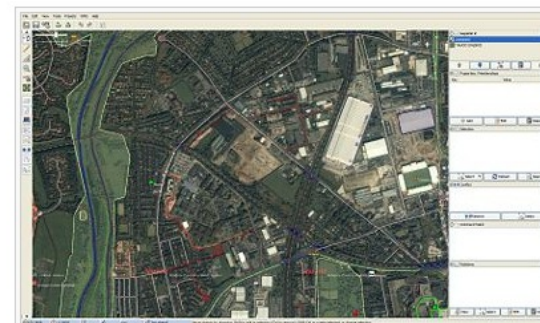
<http://josm.openstreetmap.de/>

version: 3592 (2010-10-05)

license: GPL

win;linux;mac

"Offline highly expandable map editor"



JOSM screenshot, showing Yahoo! aerial imagery via the [WMSPugin](#)

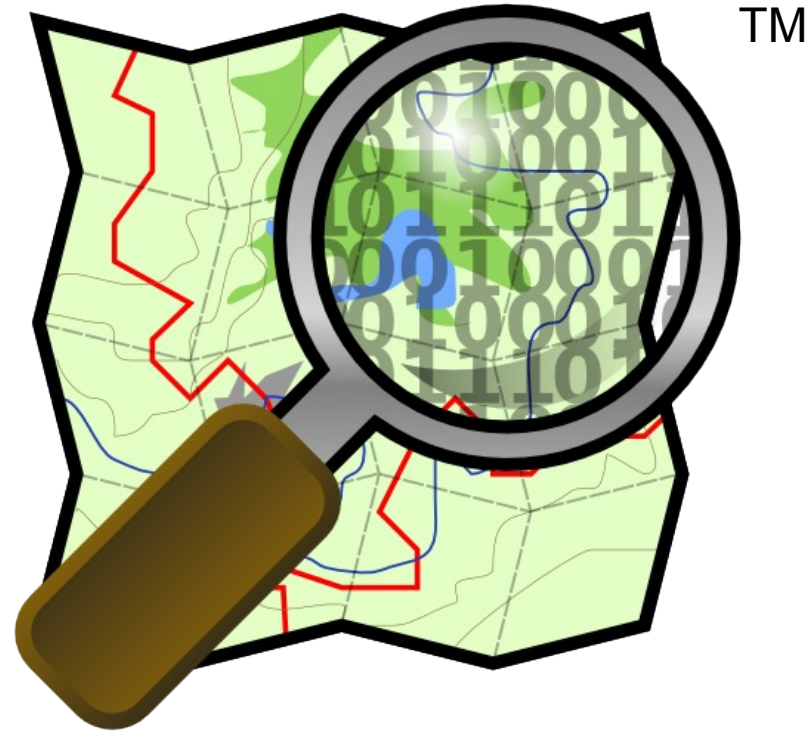
Επικοινωνία με την διεθνή κοινότητα

- <irc://irc.oftc.net/osm>
- Λίστες ταχυδρομείου πχ η βρεταννική [talk-gb](mailto:talk-gb@openstreetmap.org)
- Το wiki.openstreetmap.org
- Το forum.openstreetmap.org
- Email χρηστών μέσω του ιστοχώρου

Χαρτογραφικές εξορμήσεις



- Εκπαίδευση
- Δανεισμός gps
- Βοήθεια
- Έμπειροι καθοδηγούν νεώτερους :-)



OpenStreetMap.org

*Andy "blackadder" Robinson
Για την ελληνική απόδοση Ch lossif*