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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Tottenham Court Road (Central and Northern Lines)
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Some Quotes
“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
“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
“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
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
Your GPS Traces

see traces from all users

Editing the trace mc-steve-4.gpx

filename: mc-steve-4.gpx
uploaded: 2006-05-13 16:24:51
description: sat afternoon from someone
tags: mapchester manchester uk
Your GPS Traces

see traces from all users

upload GPX file: Choose File

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: manchester uk

- mc-steve-11.gpx ... (2,783 points) ... on 14-May more / map
  conor & anne walking manchester sunday
  by SteveC in: manchester uk

- mc-steve-10.gpx ... (2,307 points) ... on 14-May more / map
  chris & ben sunday manchester
  by SteveC in: manchester uk

- mc-steve-9.gpx ... (3,435 points) ... on 14-May more / map
  map manchester chris and lesley sunday afternoon
  by SteveC in: manchester uk

- mc-steve-8.gpx ... (3,196 points) ... on 14-May more / map
  drew & karen saturday eve sunday morn
  by SteveC in: manchester uk

- mc-steve-7.gpx ... (5,175 points) ... on 14-May more / map
  chris sunday morning
Postcodes!??
Preliminary Kernel Density Values of FreeThePostcode data distribution.

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

- TIGER
- TIGER-derived (mostly)
- ‘Quality’
- 100 ‘%’
UK GeoData Market

Price

‘Quality’

100 ‘%’
UK GeoData Market

- OSM
- OS

Price

‘Quality’

100 ‘%’
I’m ignoring ex-copyright data as its place is very debatable.
We’ve seen this before
OS Market

Price

Linux

‘Quality’

Windows

100 ‘%’
(Think price per feature)
Thanks for listening

Steve Coast
steve@asklater.com