OpenStreetMap
Steve Coast
steve@asklater.com
Why OSM?

• Data not Free/Open
• Data not current
• Wiki is obvious the next step
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  no file selected

description:
tags:
public?  

Upload | help

Showing page 0 (1 - 20 of 33) | next page

Public? Delete?

<table>
<thead>
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<th>Points</th>
<th>Date</th>
<th>Description</th>
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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”
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Ed Parsons - 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.”
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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.”
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Bill Gates
Using OSM Data

API, REST, XML, planet.osm
• Abstraction API for G-Y-M maps
• OSM planned
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 as ‘Property’
Data as ‘Property’

(Infringement is not theft)
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This Applies to Open Data

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Uh-Oh!
Data:
UK-US comparison
UK GeoData Market

OSM

OS

Price

‘Quality’ 100 ‘%’
I’m ignoring ex-copyright data as its place is very debatable.
UK GeoData Market

OSM

Price

OS

‘Quality’

100 ‘%’
UK GeoData Market

Price

100 '%'

OSM

OS

‘Quality’

100 ‘%’
UK GeoData Market

Price

OSM

‘Quality’

100 ‘%’

OS
We’ve seen this before
(Think price per feature)
Pretty Maps
Progress
§ 105. Subject matter of copyright: United States Government works

Copyright protection under this title is not available for any work of the United States Government, but the United States Government is not precluded from receiving and holding copyrights transferred to it by assignment, bequest, or otherwise.
Workshops

Or, Map as Party
Fallout
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!?
Thanks for listening

Steve Coast

asklater.com/steve/