

## Wikis of Locality: insights from the Open Guides





Mark Gaved, Tom Heath, Marc Eisenstadt

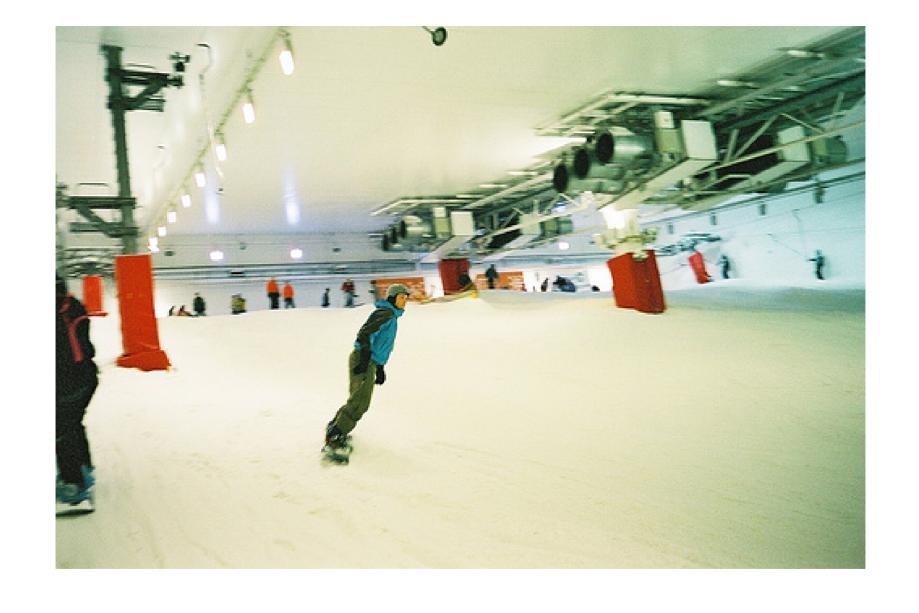
Knowledge Media Institute
The Open University, United Kingdom



Locality is important in people's lives



When you move somewhere...



...you want to know what's happening there...



and other people interested in the same things as you

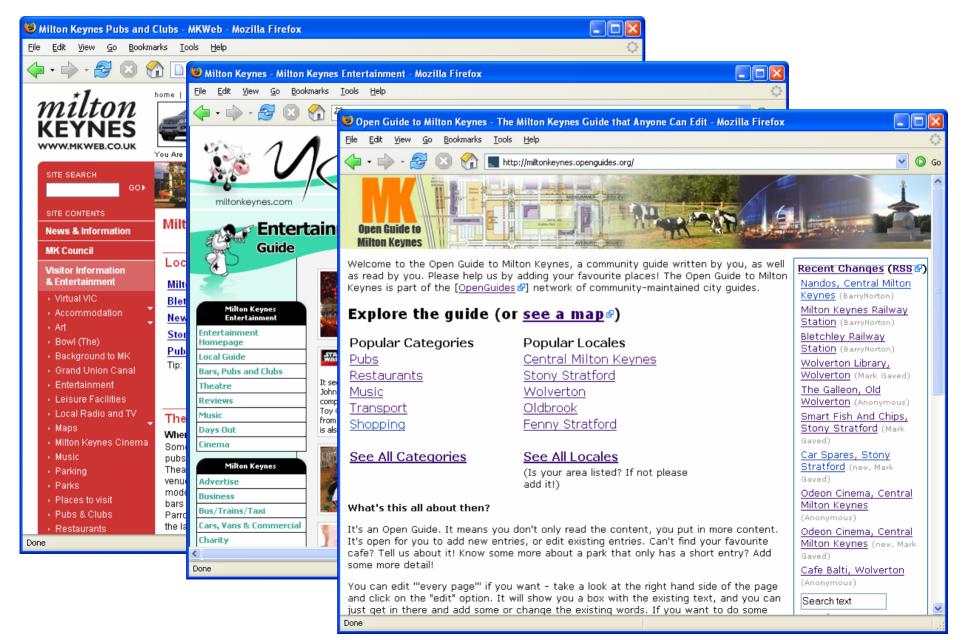


Whatever you're interested in, locality comes first, topic second

### Wikis of Locality

- Primarily Locative : Secondarily Thematic
- Support communities of locality
- Local knowledge repositories
- Geodata important
- Utilise third party APIs such as GoogleMaps

### Different approaches to local guides



### The Open Guides

- Wiki based community guides
- Custom code based on Perl
- Currently 18 live Guides

UK Birmingham, Chester, Cotswolds, Glasgow, Lancaster,
 London, Manchester, Milton Keynes, Norwich, Nottingham,
 Oxford, Southampton Austria Vienna Canada Victoria BC
 USA Boston MA, Saint Paul MN Worldwide Tourist Engineer

- Each guide managed by small team
- Under 100 to over 10,000 entries
- And you can run one too! (http://openguides.org/)









### The Open Guides

OpenGuides the guides made by you.
one guides made by qua.

Place	Date Started	Nodes
London	July 2003	3805
Milton Keynes	August 2005	560
Boston	November 2005	12206
Oxford	May 2005	707
Saint Pauls	April 2004	1241







## Survey of Open Guide Administrators

Posted on Open Guides dev-list 11 out of 18 OG admins responded 18 open ended questions,

- 4 categories
  - Purpose of the guide
  - Your role(s) in running the Open Guide
  - Publicity and outreach
  - Future of your guide



#### Cafe Balti, Wolverton

• Telephone: 01908 311188

Address: 52 Church Street, Wolverton (map of this place)

• Postcode: MK125JW

• Lat/Lon: 52.062193,-0.811732

• Categories: Food, Indian, Restaurants, Takeaway Food

· Locales: Wolverton

Milton Keynes best 'Indian' restaurant (ooh! contentious - am I allowed to say that?). Cafe-bistro style small Indian restaurant, modern decorations, friendly atmosphere. Drop in rather than book in advance usually. Winner of several awards. The restaurant is actually

Bangladeshi, so there are some regional specialities. Take away as well as eat in. Really friendly staff.

Take aways are just as high quality as the sit in, too!

Find all things within 500 metres 💟 of here. **Go** 





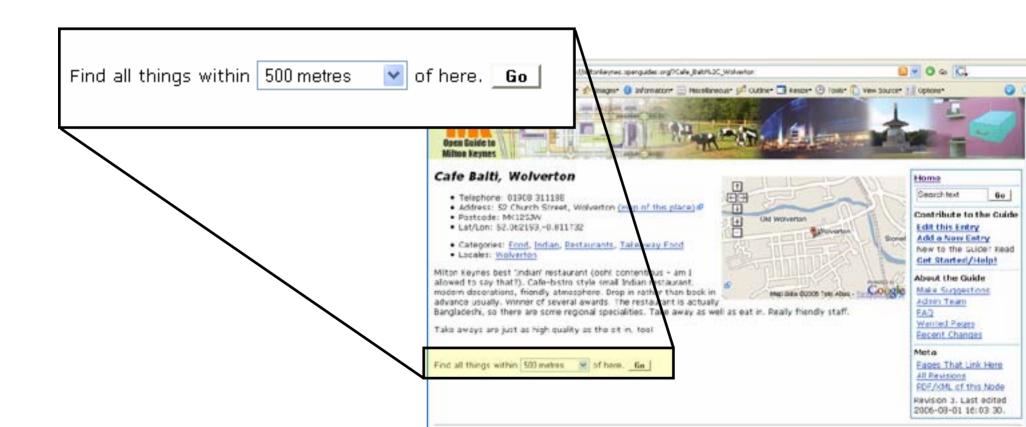
### http://miltonkeynes.openguides.org

### Geodata is a significant element

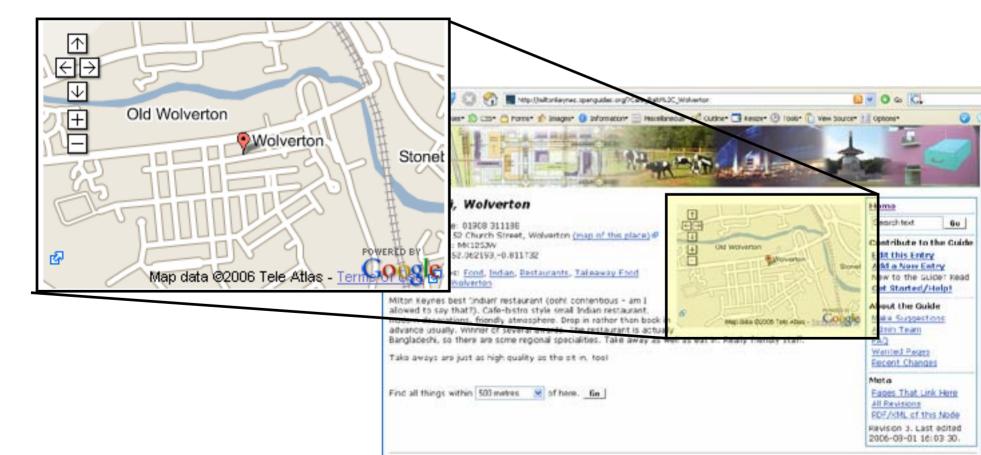
Latitude and longitude data is held where possible ...



### ... enabling location based searching...



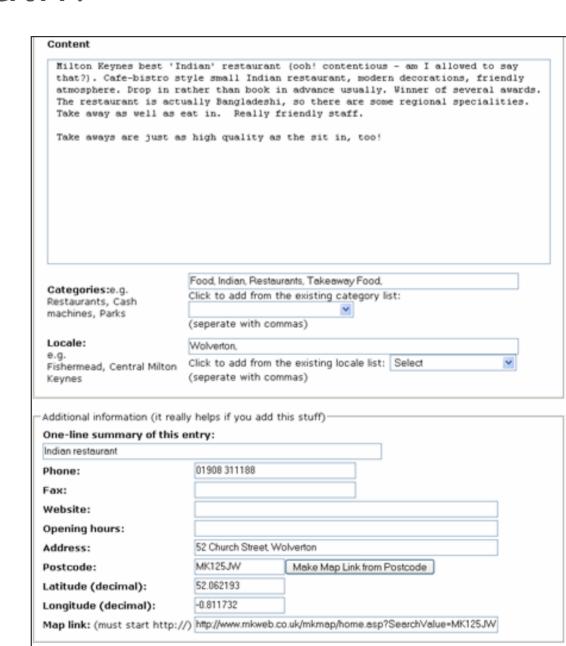
## ... and the use of third party APIs such as Google Maps



### What's underneath?

Not just free data entry; structured editing provides a framework for content...

"Compared with other wikis, the structured metadata is what sets OpenGuides apart"
(Ivor, London OG admin)



## ...and gives us machine-readable, reusable metadata for free!

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### An enabler for Berners-Lee's vision?

"... The agent promptly retrieved information about Mom's prescribed treatment from the doctor's agent, looked up several lists of providers, and checked for the ones in-plan for Mom's insurance within a 20-mile radius of her home and with a rating of excellent or very good on trusted rating services. ..."

Berners-Lee, Hendler, Lassila. *The Semantic Web*, Scientific American, May 2001

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Where is that kind of info going to come from?

- Us!

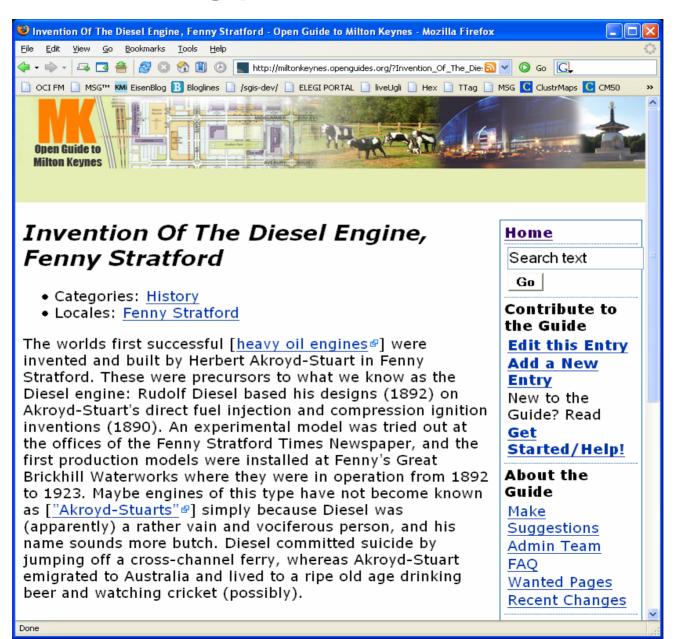
That is where Wikis of Locality/Open Guides come in

- folk knowledge + structured metadata!

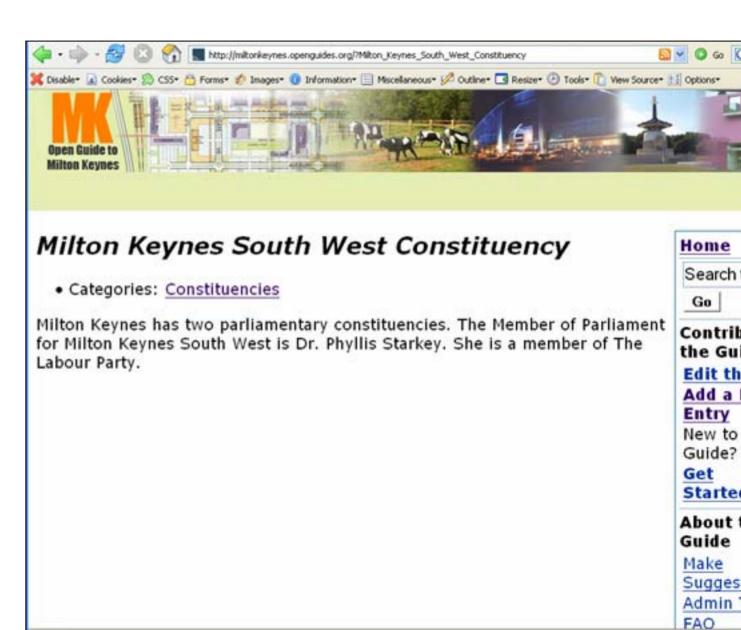
(a little bit of) "Semantic web for the rest of us"?



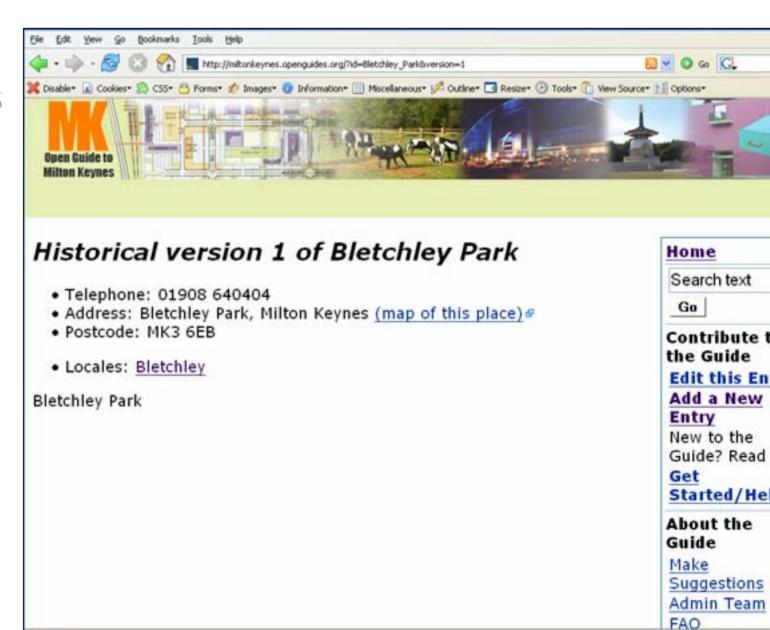
### Different types of contributions



#### **Placeholders**



Placeholders Completers



### Placeholders

### Completers

#### Bletchley Park

Telephone: 01908 640404

· Address: Bletchley Park, Milton Keynes 

Postcode: MK3 6EB

Lat/Lon: 51.9973,-0.7431

Website: http://www.bletchleypark.org.uk/@

Weekends: 10:30am-5:00pm. Closed during

the winter (check website for dates)

· Categories: Education, History

· Locales: Bletchley

Bletchley Park is a manor house situated near Bletchley Railway Station. It is famous for being the location of the team that cracked the Enigma codes during World War II. It is now a museum to that achievement.

As well as being a fascinating tourist attraction the manor house is also available for conferences and weddings.

Photo shows a reconstructed "Bombe" electro-mechanical decoding machine.

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Placeholders Completers Housekeepers

#### Historical version 30 of Locale Fenny Stratford

• Categories: Locales

· Locales: Fenny Stratford

Fenny Stratford is an actual village/small town, dating back to Roman times when there was a settlement nearby called Magiovinium. It has a satisfying array of old-style buildings, restaurants, shops and other ammenities. It lies to the east of Bletchley and to the south of Milton Keynes; it is dministratively linked with the former, though it often tends to get lumped together with the latter. Waggish residents consider it to be the precious jewel in the rhinestone crown that is Milton Keynes. However, don't be alarmed, it is not as posh as its "big sister" Stony Stratford! Hourly sevices from Fenny Stratford railway station can take you to Bletchley and Bedford. The Italianate influence still exists in Fenny to this day: there is the Colosseo Cafe on the high street, the famous Napoli Fish Bar and an Italian delicatessen tucked out of the way on Church Street. Due to this, and the proximity of a particularly pretty stretch of The Grand Union Canal, Fenny Straford has been dubbed the Venice of Buckinghamshire by at least one person.

Most of Fenny's shops and restaurants are situated on it's main thoroughfare Aylesbury Street.

- · Aromas, Fenny Stratford
- Avlesbury Street, Fenny Stratford
- · Colosseo Italian Cafe, Fenny Stratford
- · Dinajpur Indian Restaurant, Fenny Stratford
- . Fenny Stratford Railway Station
- Invention Of The Diesel Engine, Fenny Stratford
- Locale Fenny Stratford
- Milton Keynes Telephone Eychange Fenny Stratford

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Categories: Locales

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- · Aromas, Fenny Stratford
- Aylesbury Street, Fenny Stratford
- · Colosseo Italian Cafe, Fenny Stratford
- . Dinajpur Indian Restaurant, Fenny Stratford
- Fenny Stratford Railway Station
- . Invention Of The Diesel Engine, Fenny Stratford
- · Locale Fenny Stratford

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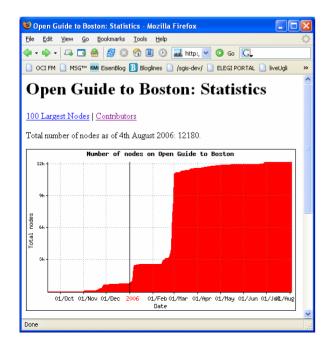
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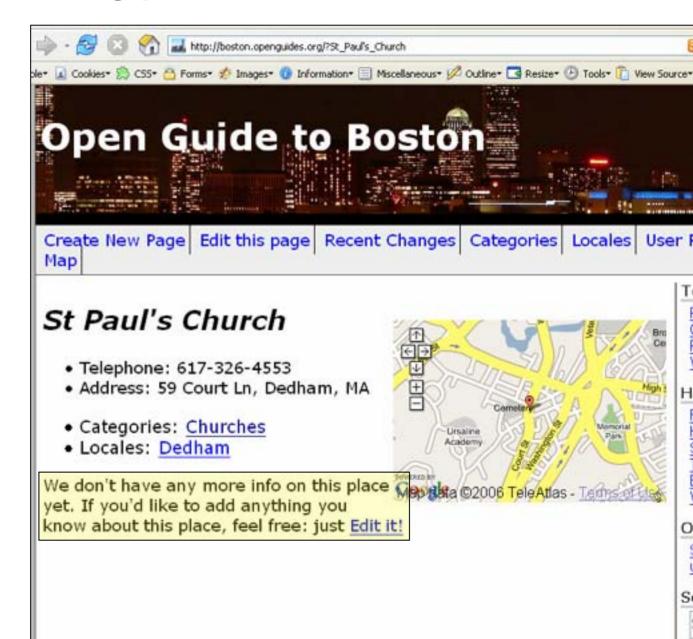
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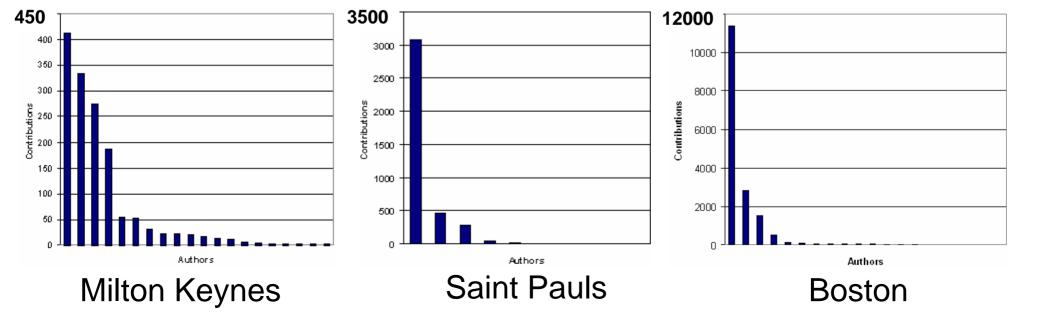
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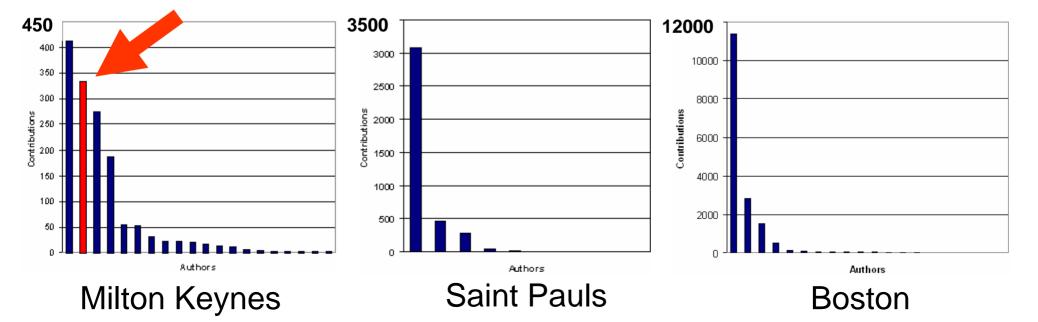
### Sustainability

	London	Milton Keynes	Boston	Oxford	Saint Pauls
Admins	4	2	1	1	1
Contributors	75	37	89	71	10

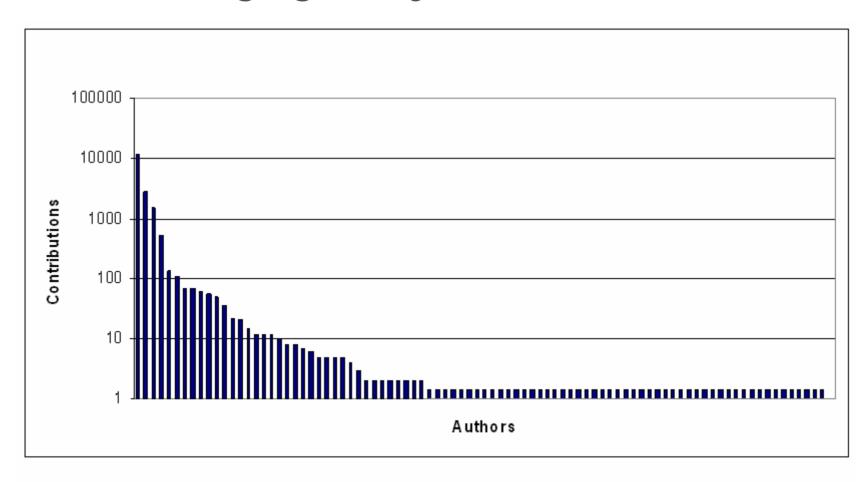


### Sustainability

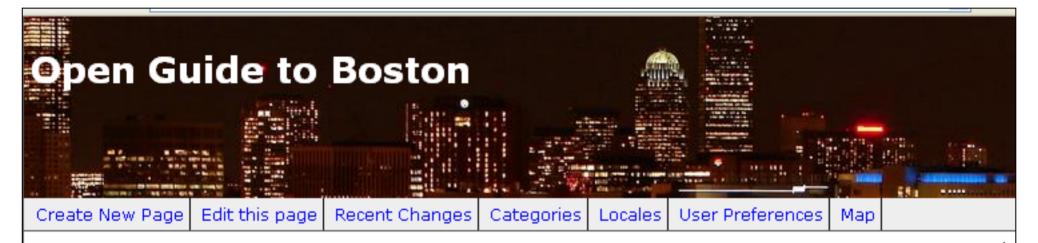
	London	Milton Keynes	Boston	Oxford	Saint Pauls
Admins	4	2	1	1	1
Contributors	75	37	89	71	10



# 'The Long Tail' and 'The Boston Scraper Effect' (encouraging many small contributors)



Contributions to the Open Guide to Boston (data from http://boston.openguides.org/stats)



#### Eddie Priest Men's Hairstylist

• Telephone: 617-354-8912

Address: 89 River St, Cambridge, MA

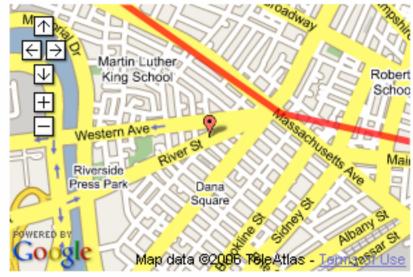
Categories: <u>Barbers</u>

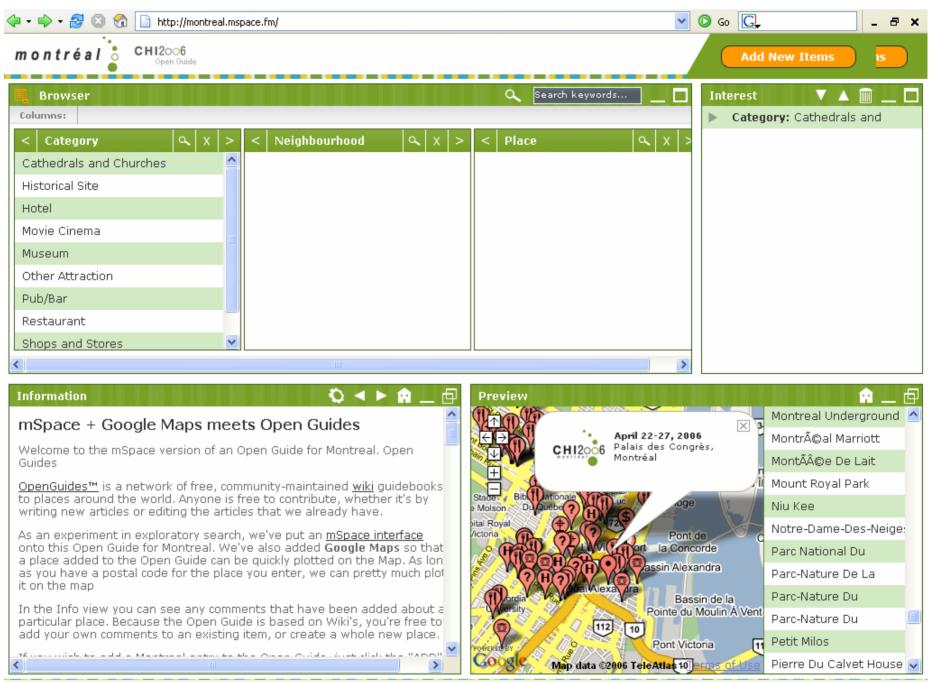
Locales: Central Square

HELLO THIS IS EDDIE PRIEST: I AM NOW HOME AND BACK TO BUSINESS AS OF APRIL 15TH, DROP BY, HOPE TO SEE YOU ALL SOON!!!!! EDDIE

#### Reviews

I visited Eddie Preist a couple weeks ago, before heading to a conference for work. Getting the hair out of
my eyes is no easy task, and Eddie did a great job with it. I'll be going back to Eddie for haircuts from now
on. -- ChristopherSchmidt





### Some issues raised (by Guide admins)

"Some areas of the city get much more complete coverage than others, due to having regular contributors living there. I like to think that over time this will improve"

"I've wondered about 'writeability' in the interface - to what extent can non-geeks feel empowered to contribute, not scared off"

"You need a dedicated group of editors working for a long time to create a useful resource"

"I basically do my best to maintain useful information without it turning into a spam-filled pit"

### Future ideas and open questions...

- Wiki lifecycles: will the Guides reach critical mass?
- Who's using them and why?
- What other forms may a Wiki of Locality take?
- How do we evolve the interface?
   ('structure is good' versus 'structure is a straight-jacket')
- New added-value services from semantic web?

### Thank you



Mark Gaved, Tom Heath, Marc Eisenstadt

{m.b.gaved, t.heath, m.eisenstadt} @open.ac.uk

http://kmi.open.ac.uk

http://miltonkeynes.openguides.org