Search as a service with Xapian
Richard Boulton
Xapian

?
“Every six months, a dozen web developers go to an easily defensible location, without the internet, and build a website”
– James Aylett
Tawny Owl (Strix aluco)

Your nearest Tawny Owl is at London Zoo, 40 miles away from Duxford, Cambridgeshire (not where you are? Set your location)

See them here

Menagerie du Jardin des Plantes
In Paris, France. Visit their official website.

Fowlmere RSPB Bird Sanctuary
In Fowlmere, United Kingdom. Visit their official website.

Favourite
Add to favourites
Favourited by 0 people.

Photos

wildlifenearlyou.com
Throw one away!
• “Flax”
• Rewrite from ground up
• Design a clean REST based protocol
Interfaces matter
PUT to /v1/dbs/dbname
POST to /v1/dbs/dbname/schema/fields/text
   { 'type': 'text', 'freetext': { 'language': 'en' } } }

POST to /v1/dbs/dbname/docs
   { 'text': ['foo'] }
(or PUT to /v1/dbs/dbname/docs/docid)

Present the API so far
• Don't throw this one away!

Present the API so far
Yahoo Hackday
24 hours to make a site
On behalf of all of the developers at Ibuildings, I would like to welcome you to our new home on the web. techPortal is the place where we will talk about PHP. We work on a lot of interesting projects and get to work with a lot of cool technologies. Our goal with techPortal is to share what we learn with the wider PHP community. Our hope is that you will visit often, read about the technologies with which we are working, and some of it will spark your imagination.

Ibuildings believe that Information is only valuable when it is shared. When something you read here helps you, make sure and share what you learn on your blog as well.

As we share what we learn, we are always looking for new article ideas. If you have an idea for a topic that you would like to see covered on techPortal, drop us a line at techPortal@ibuildings.com.

Almost all of the articles you will see on techPortal will be written by Ibuildings’ developers. We realize that there are a lot of smart developers out there who do not yet work for us. If you have an idea for an article you would like to write for techPortal. All you need to do is visit out Vacancies page and apply for a position. A job offer from Ibuildings is also an open invitation to write for techPortal.

All of us at Ibuildings hope you learn something from the articles we post and will become part of the conversation.

Sincerely,

Cal Evans
Another gathering – more ideas and refinement

“A day of informal presentations, open discussion and hacking on open source search technologies.”

http://searchevent.org/

Friends meeting house
- Separate search from indexer
- More modularity
- Easier ways to specify searches
What's next?

- Performance – rewrite in C++
- Lower memory overhead
- Expose horizontal scaling features of Xapian
- Easier install – fewer dependencies
- Produce an AMI for Amazon cloud
- Run a fully open source hosted search.
What's next?

- Keep talking to developers and users, to be led by them!
Richard Boulton
richard@tartarus.org

Credits

Andree Stephan:
  Alderney_-_Fort_Clonque_02.jpg/800px-Alderney_-_Fort_Clonque_02.jpg

Ted Drake:

Gruntzooki:
- http://farm4.static.flickr.com/3044/2710669746_c973e8b766.jpg