

Improved bug-tracking on the Web 2.5

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Intro

- Why am I here ?
- Teaser for a new cool service that's gonna change the world
- What we have so far (demo of something very raw)
- What can you do ?

"Where did I file this damn bug?"

Lots of bugs in different bugtrackers

Many email addresses / accounts

Notifications by mail ... but...

too much spam...

and no mail archive...

*since Evolution crashed AGAIN !
(TODO : file a bug ;)*

How will you retrieve "your" bugs ?

Photo by jpre86



this one...

Photo by Mountainside crochet



and this one... ? ...

Photo by Vandelizer



OK, but also this yellow one...

Photo by eliazar



OK, but also this yellow one... ???...

Photo by gruntzooki

BUGS BUNNY



Flickr also found this one "bugs"... not copyrighted by MPAA ;-)

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</trendy_slides  
mode="kitten_background">
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Lots of bugs in different bugtrackers...
... and with **lots** of different formats...
no *semantics* to retrieve them on Web
1.5 / 2.0

Imagine a bugs feeds aggregator

kinda RSS aggregator (friendfeed, etc.)

Could create your own queries on
bugs facts (semantic)
and retrieve them later

View bugs on a package all-over the FLOSS ecosystem

Upstream and downstream at same time

Maybe you're maintaining a
distribution package ?

or develop a program packaged in distributions

Many bugs in upstream and in other distributions to monitor

Launchpad ? Yes... but...
let's focus on bugs and do it well
(KISS)

Key entities :
bugs + people + software packages

Introducing :

<http://FetchBugs4.me/>

Free / Libre / OpenSource Software hosted as SaaS, under Affero GPL

Use of standards (RDF ontologies)

- DOAP
- FOAF
- EvoOnt BOM (and baetle project) for bugs
- SIOC
- Nepomuk, etc.

Exports RDF /RSS Feeds

And more !

Semantic Tagging

Inter-linked bugs

...

Notifications (ala bts-link)

Monitoring status changes for inter-linked bugs
between upstream and downstreams

Bugtrackers supported : most Open Source ones

- Mantis
- Bugzilla
- Debbugs
- Add your own : provide RDF feeds ;-)

Avoid reinventing the wheel

- Reusing web scrapers and other parsers
- Bts-link
- Bicho
- ...

Cache data to
minimize load on bugtrackers

Exports from bugtrackers
directly into RDF ?

Fostering Semantic Web and Linked Open Data

RDF used also on Desktop (Nepomuk)

UGC* / friends / followers
and all trendy social networking ?

* UGC : User Generated Content

Feedback to bugtrackers ?

Provided by Helios project

with public funding from french
R&D cluster programme

<http://www.helios-platform.org/>

Why ?

- We think it may be useful
- It would be cool to do
- It should help promote RDF standards for bug facts
- Foster interoperability
- Delivering our funded project ;-)

Who

- TELECOM SudParis
 - researchers and students
 - FLOSS enthusiasts
- You, if you'd like to help

Want to know more : stay tuned ;-)

When ?

- When it's ready !
- But release early, release often
- First prototype last quarter 2009

See you on
<http://blog.fetchbugsfor.me/>

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Demo of first elements (ontology
validation)