About this presentation (inserted post-talk)

These are the slides for a presentation given by Mary Gardiner at the Open Source Developers' Conference in Melbourne Australia in December 2006.

The slides were produced by LaTeX using the Beamer class, available from `http://latex-beamer.sourceforge.net/`. Presentation source is available via Bazaar from `http://users.puzzling.org/users/mary/bzr/OSDC+2006/`

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Disclaimers (inserted post-talk)

The Planet symbol used in this talk is actually the web-browser.svg image from the Tango icon theme, which is available under the Creative Commons Attribution-ShareAlike 2.5 License Agreement from `http://tango.freedesktop.org/`. It isn't normally used by the Planet project.

The hackergotchi heads used in this presentation are those of Mary Gardiner and Andrew Bennetts with an assortment from `http://planet.gnome.org/heads/`

All smack about Planet v Venus is pure hyperbole.

The Planet Feed Reader

Better Living Through Gravity

Mary Gardiner
mary@puzzling.org

Open Source Developers' Conference, 6th December 2006

Outline

1 About Planet

2 Some history

3 Making a good Planet

4 The software

5 The end

Planet: a conceptual overview

Planet: definition 1

Planet *proper noun*

A piece of software written in Python, which aggregates syndication feeds and outputs a text document, usually a web page.

Sample usage: “How do I install Planet?” “Why does Planet use so much memory?”

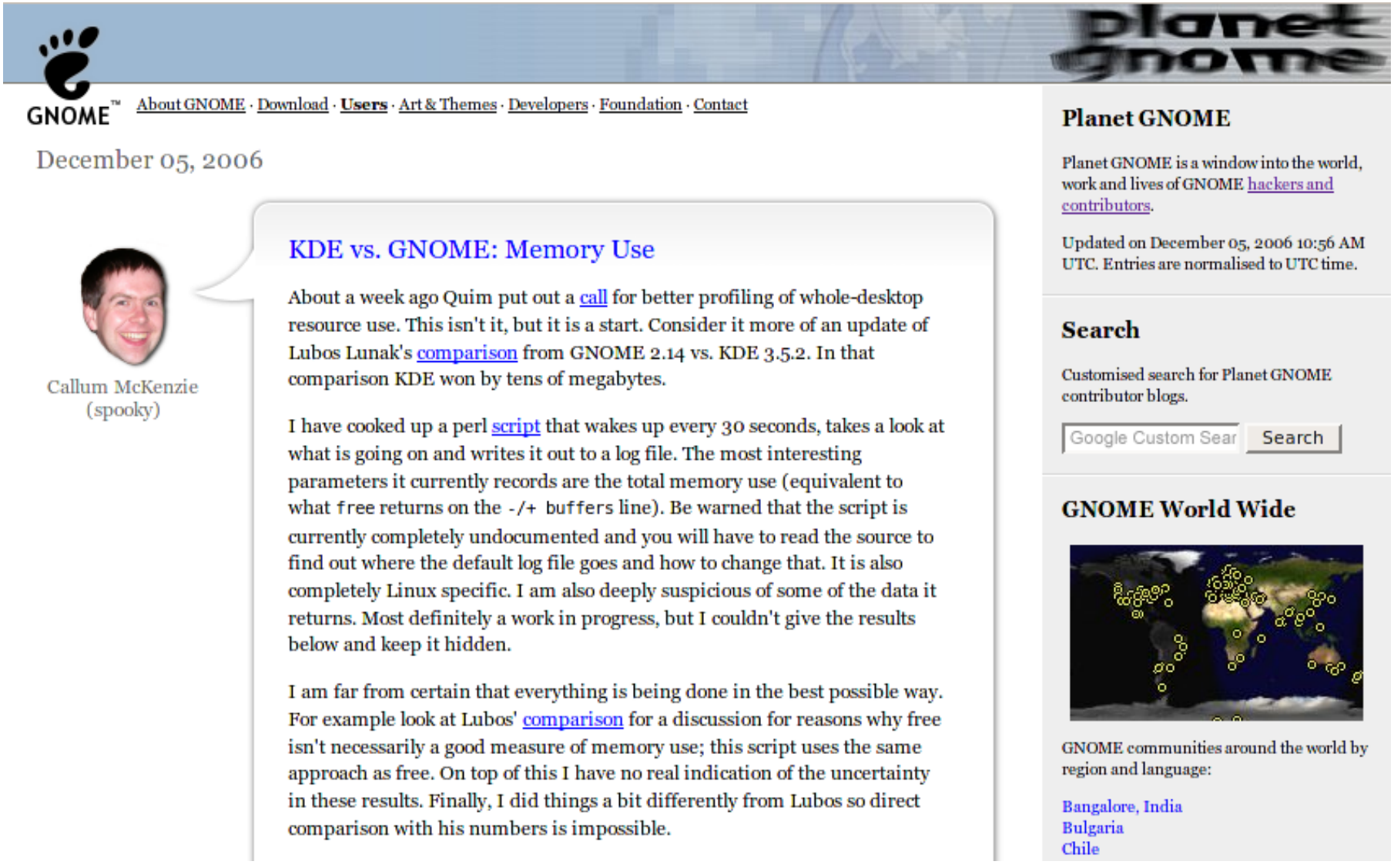
Planet: definition 2

Planet *proper noun*

A webpage that has been produced by the Planet software.

Sample usage: “I want to run a Planet.” “I saw that on Planet Debian.”

Planets



Screenshot of `http://planet.gnome.org/`

Planets

December 05, 2006

Andreas Barth

More bugs need to go away

On Monday, I sent out the next release update (which was under preparation for a few days). Basically, Debian is doing quite well - we just have a few items left open before we can have the full freeze.

Of course, I worked also on one of the preconditions, namely on RC bugs - the usual trying to reproduce, uploading fixes, encouraging other people to upload fixes, easying testing transition, ...

09:14am

Jeff Bailey

And a good time was had!

On our third attempt to finally get everything signed, we got all the paperwork done for buying a place today! It's silly how much everyone seemed to expect that we knew the whole process and would get impatient with us not having something ready that we hadn't a clue was even required.

I've updated our address in Orkut. I'll do the Debian database and other things when I can remember just how those get done. =)

This evening, we decided that we needed to go over and spend some time in the place, so we had Brad, Jody, me, Angie, Simon, Alison, and Damien over for chips, drinks, pizza and cookies.

Now the moving fun begins, and we still get to try and find a tenant. Whee!

04:10am (Comments)

planet debian

A complete feed is available in any of your favourite syndication formats linked by the buttons below.

RSS 1.0 | RSS 2.0 | FOAF | OPML | HACKER | PLANET

Last updated: 10:44am.
All times are UTC.
Contact: <mako@debian.org>

OTHER LANGUAGES

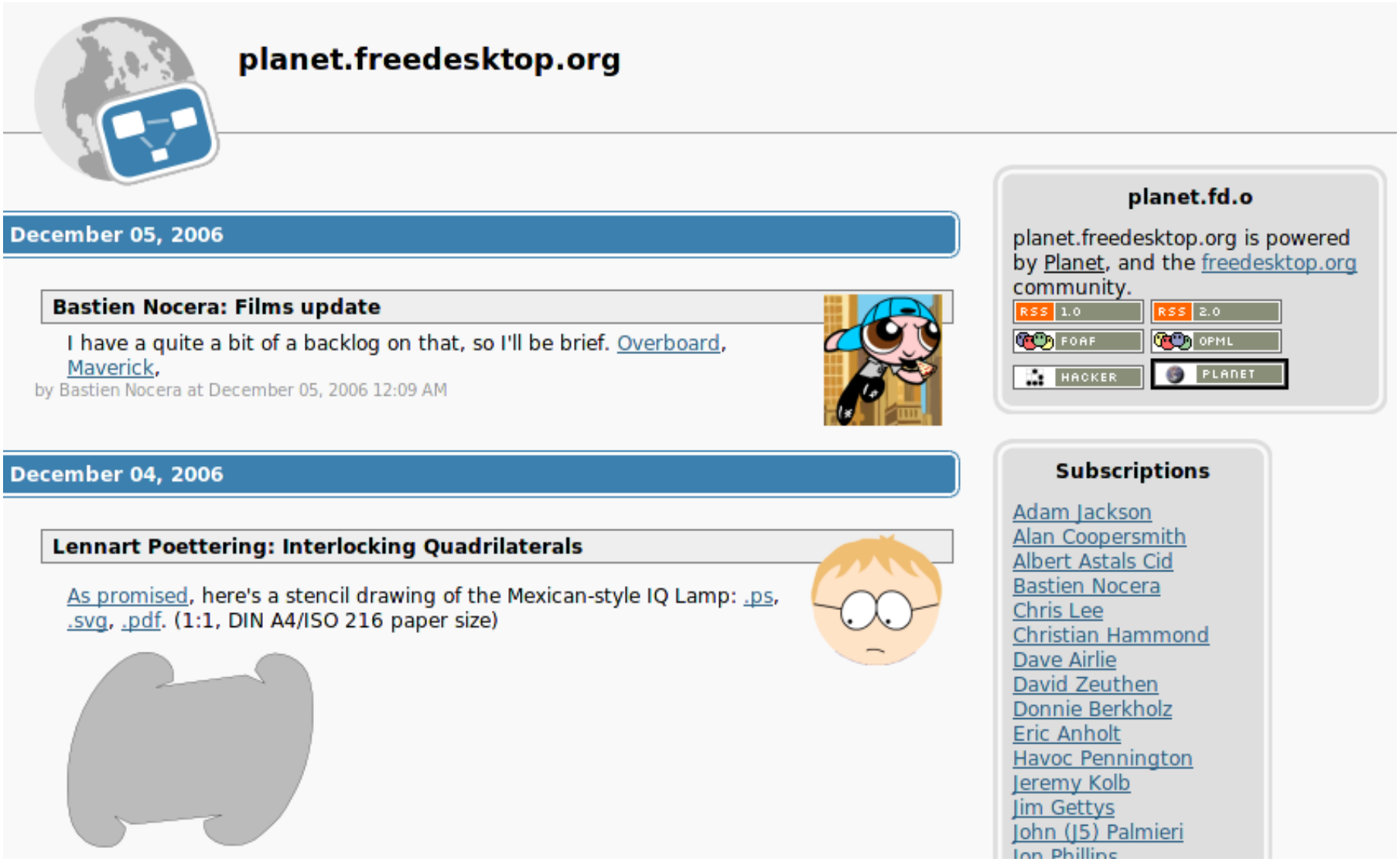
- Planet-FR Debian (French)
- Planeta Debian (Spanish)
- Planeta Debian Brasil (Portuguese)

SUBSCRIPTIONS

- Adam Rosi-Kessel (feed)

Screenshot of `http://planet.debian.org/`

Planets



Screenshot of `http://planet.freedesktop.org/`

Hackergotchis

Screenshot of `http://planet.gnome.org/heads/`

Hackergotchis

WIKIPEDIA
The Free Encyclopedia

navigation
- Main Page
- Community Portal
- Featured content
- Current events
- Recent changes
- Random article
- Help
- Contact Wikipedia
- Donations

search
Go Search

toolbox
- What links here
- Related changes
- Upload file
- Special pages
- Printable version

Sign in / create account

article | discussion | edit this page | history

*Your **continued donations** keep Wikipedia running!*

Hackergotchi

From Wikipedia, the free encyclopedia

A **hackergotchi** is a picture of a writer used as an avatar to identify the author of a given RSS feed in blog aggregators.

Contents [hide]
1 Origin
2 Types
3 Drop shadows
4 Creation
5 External links
6 Tutorials

Origin [edit]

The term *hackergotchi* originated when the fashion of blog aggregators hit the hacker community, hence the "hacker" part.

Jakub Steiner, a GNOME artist, had created several whole body cutouts that originally appeared on the Art.GNOME.org website. A couple of years later, Jeff Waugh launched Planet GNOME[1], a blog aggregator of GNOME programmers and contributors. Luke Stroven suggested that Jeff use the images created by Steiner with posts by those writers. Stroven then created a bunch of images that depicted the heads of people on Planet GNOME. Waugh coined the term *hackergotchi* after seeing the collection of heads Stroven created.

The "gotchi" part seems to be a reference to the Tamagotchi toy.

Screenshot of `http://en.wikipedia.org/wiki/Hackergotchi`

Speaking of Wikipedia

WIKIPEDIA
The Free Encyclopedia

navigation
- Main Page
- Community Portal
- Featured content
- Current events
- Recent changes
- Random article
- Help
- Contact Wikipedia
- Donations

search
Go Search

toolbox
- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link

article | discussion | edit this page | history

Sign in / create account

*Your **continued donations** keep Wikipedia running!*

Planet aggregator

From Wikipedia, the free encyclopedia

The introduction to this article provides **insufficient context** for those unfamiliar with the subject matter.
Please help Wikipedia by improving the introduction according to the guidelines laid out at Wikipedia:Guide to layout. You can discuss the issue on the talk page.

In computing, **Planet** is a FOSS web feed aggregator written in Python and maintained by Jeff Waugh and Scott James Remnant. It is software that runs on a web server, downloading web feeds and aggregating their content together. It then creates web pages with entries from the original feeds in chronological order, most recent entries first.

It uses Mark Pilgrim's Universal Feed Parser to process feeds in RDF, RSS and Atom format, and Tomas Styblo's HTML::Template templating engine to output static files in any format.

The concept behind Planet is becoming broader than the original application as other similar projects appear, implemented with the use of other programming languages; examples include MetaPlanet, written in PHP.

Aggregated sites powered by Planet are also called "planets" and often contain the "Planet" moniker in their names. These planets are often built from the weblogs of members of a specific group or clique, e.g. "Planet Debian", created from the feeds of weblogs by people active in the Debian community.

Example planets [edit]

- Planet Debian – Debian developers
- Planet GNOME – GNOME developers
- Planet KDE – KDE developers

Screenshot of `http://en.wikipedia.org/wiki/Planet_aggregator`

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In the beginning was Advogato

Advogato

[Home | Articles | Account | People | Projects]

Making software path-relocatable

Posted 14 Aug 2000 by matt

How many pieces of software on your system, if you woke up tomorrow and said "hmm, I think these packages should live in /foo, not /bar", would need to be recompiled from source? What can we do about it?

Read more... (8 replies)

Programming Languages of Choice

Posted 14 Aug 2000 by Uruk

Languages are very interesting things. They can either tie you up, or set you free. But no programming language can be everything to everyone, despite the fact that sometimes it looks like one does.

Read more... (4 replies)

Version Control Systems: The Next Generation

Posted 14 Aug 2000 by Simon

I'm building a new version control system, and I need input from people I want to use it: people like you. If we're going to get version control right, how should we do it?

Welcome to Advogato, the free software developer's advocate. The goal of the site is to serve as a community resource for free software developers around the world, as well as a research testbed for work on group trust metrics.

Here's the mission statement .

Curious how the trust metric works?

Recent diary entries

14 Aug 2000 Daryll
14 Aug 2000 nymia
14 Aug 2000 chromatic
14 Aug 2000 hypatia
14 Aug 2000 ian
14 Aug 2000 mjd
14 Aug 2000 andrewmuck
14 Aug 2000 Skud
14 Aug 2000 Mulad

Screenshot of `http://www.advogato.org/` circa August 2000

In the beginning was Advogato

Recent diary entries

Recent diary entries:

15 Aug 2000 nymia

3:10 PM

This is to remind me that I unregistered the dll files pointing to serverA and registered a new set of dlls pointing serverB. Once I'm done with serverB, I should unreg and reg the dlls to its original server.

12:19 AM

Mulad, it's true, DOS shell is gone--kaput. It's probably the Win2K install program, it took away the DOS shell. Dang it, this is bad. Now, I'll have to get me a laptop.

11:28 AM

My goodness! They took away DOS shell in Win2K. How will I play with gcc and nasm on Win32 now? My bad! MS, what have they done with DOS shell!?

8:42 AM

Next time, I should be very careful when mentioning nasm and gas, as some people are sensitive about it. I guess it was an honest mistake for not including gas in the development environment, but it should be in there too. How can anyone use gcc and not use gas when dealing with low level code. Nasm is good but gas is inescapable.

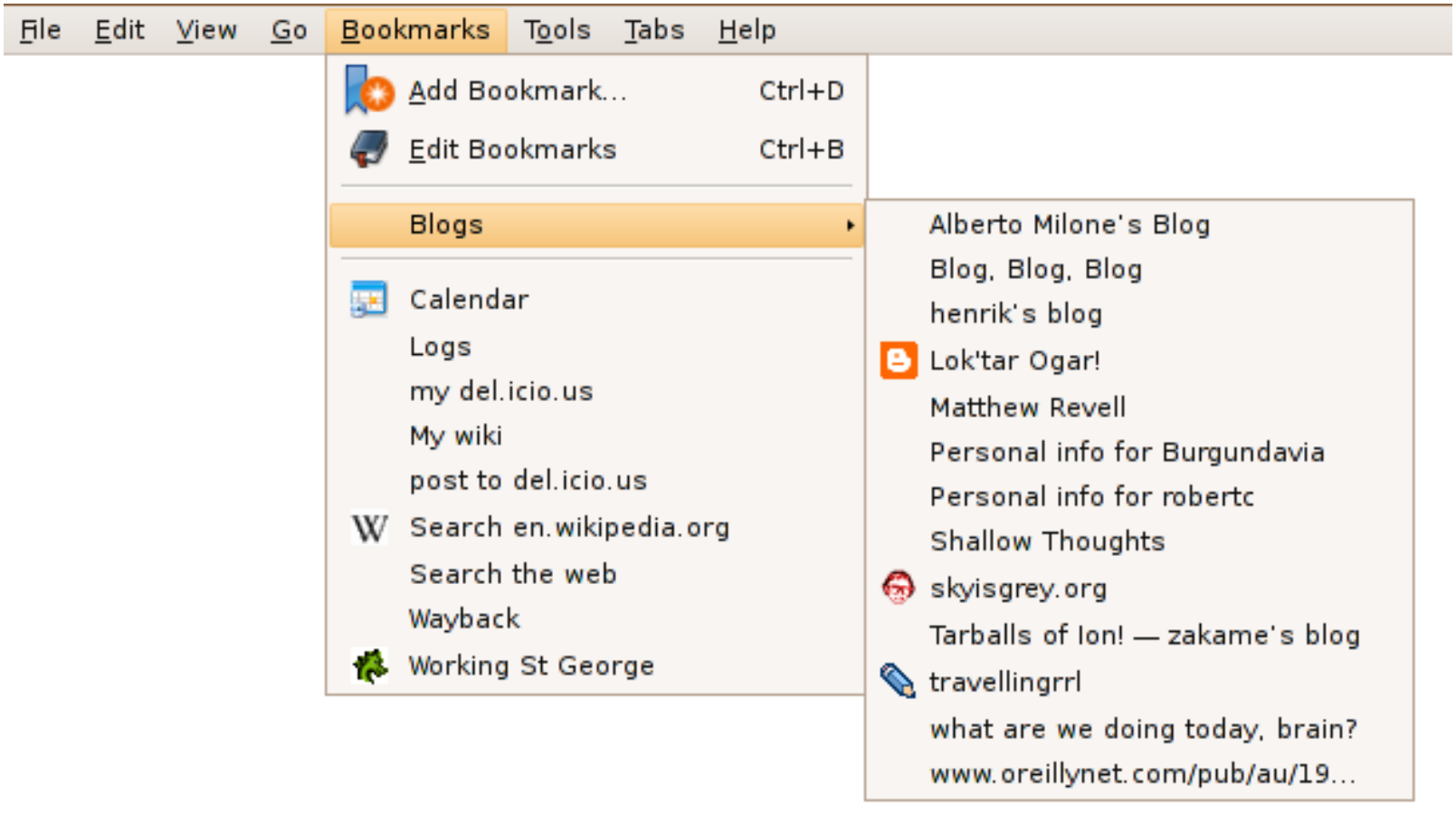
Hmm, my suspicions were correct. KDE has realized they need to market themselves to the public. This is going to be fun to watch.

15 Aug 2000 rillian

Oh look, banner adds on sourceforge! Part of a linkbanner for the "Open Source Developers Network". Also

Screenshot of `http://www.advogato.org/recentlog.html` circa August 2000

The Dark Ages



The Dark Ages

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misbehaving here

danah boyd
Caterina Fake
Meg Hourihan
Liz Lawley
Dorothea Salo
Halley Suitt
Gina Trapani
Jill Walker

contact us at:
firstname {at} misbehaving {dot} net

misbehaving elsewhere

Amanda Murphy
Amy Jo Kim
Amy Wohl
Andrea Roceal James
Angie McKaig
Angie McKaig
Anindita Basu
Anita Bora
Anita Rowland
Anitra Pavka
Anna Vallg[illegible]rda
AnnaLee Saxenian
Anne Galloway
Anne Jones
Ariel Meadow Stallings
Beth Goza
Beth Mazur
Beth Platt
Betsy Aoki
Betsy Book
Betsy Devine
Betsy Waliszewski

Screenshot of `http://www.misbehaving.net/` circa 2004

Dawn of a new era

August 12, 2003

Mikael Hallendal: Testing this Trackback-thingy

Frederic got me interested in what this blog trackback ping-thing was. Was easy enough to enable in Movabletype (I think) :) At least it seems to ping the other site (in this case Frederics entry about trackback). Updating with a... (August 12, 2003 10:12 AM)

Frederic Crozat: Trackback fixed

Thanks to Micke, I fixed Trackback, so now, it should be working correctly :)

(August 12, 2003 09:44 AM)

Mikael Hallendal: Sleeping for 6+ hours

Yay! Finally able to sleep for more than 5 hours straight. Have had lots to do and found a great number of cool projects to hack on so I've had a hard time keeping my mind from rushing. Problem is... (August 12, 2003 08:11 AM)

FootNotes: GIMP 1.3.18 released

Screenshot of `http://www.gnome.org/~jdub/planetgnome/` circa August 2003

Hackergotchis: the original and the best

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Why?

Community building: who are the people behind the code?

Why?

We're all friends here: talking to your peers.

Guidelines

1. real faces;
2. real names;
3. real kitty photos...

Guidelines

1. real faces;
2. real names;
3. real kitty photos...
4. but not too many.

End result

1. inter-blog communications; and
2. reflections on project direction.

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Configuring Planet

```
[Planet]
name = LinuxChix Live
link = http://live.linuxchix.org/
template_files = index.html.tmpl
output_dir = /home/vhosts/live.linuxchix.org/

[http://thewronghands.livejournal.com/data/rss/]
name = Raven
[http://weblog.obso1337.org/wp-rss2.php]
name = Celeste Lyn Paul
face = http://live.linuxchix.org/heads/celeste.png
facewidth = 55
faceheight = 80
```

Templating Planet

```
<TMPL_IF channel_face>
<img alt="<TMPL_VAR channel_name>"
src="<TMPL_VAR channel_face>"
height="<TMPL_VAR channel_faceheight>"
width="<TMPL_VAR channel_facewidth>"/>
</TMPL_IF>
```

Templating Planet

```
<TMPL_IF channel_face>
<img alt="<TMPL_VAR channel_name>"
src="<TMPL_VAR channel_face>"
height="<TMPL_VAR channel_faceheight>"
width="<TMPL_VAR channel_facewidth>"/>
</TMPL_IF>

<h3><a href="<TMPL_VAR channel_link">"
title="<TMPL_VAR channel_title>">
<TMPL_VAR channel_name></a></h3>
<h3><a href="<TMPL_VAR link>"><TMPL_VAR title></a></h3>
<TMPL_VAR content>
```

Running Planet

```
planet.py [config file]
```

Running Planet

```
planet.py [config file]
```

(Use a command scheduler)

Planet development

Development is coordinated through the `devel@lists.planetplanet.org` list.

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... so is support.

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See `http://www.planetplanet.org/` for the mailing lists and Bazaar branches.

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... so is support.

See `http://www.planetplanet.org/` for the mailing lists and Bazaar branches.

... except for Venus (more soon)

Technical details

Planet is:

- written in Python;
- based on Feed Parser, by Mark Pilgrim and Sam Ruby: `http://www.feedparser.org/`; and
- uses htmltmpl (`http://htmltmpl.sourceforge.net/` (or XSLT) for templating.

Technical challenges

Planet is a pain because:

- htmltmpl doesn't stream (read: memory woes);
- the original maintainers ran it on a well equipped machine (read: memory woes);
- the original codebase isn't well tested (read: maintainence woes);
- for a long time it used bsddb (read: crazy woes); and
- people keep writing their own feed generators with a variety of entertaining mistakes, particularly in date stamping (general woes of all kinds).

What's a little project to do?

??????????????????????????????

Planet v Venus

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Planet

Software:

- The Planet software is available from `http://www.planetplanet.org/`[1]
- The Venus branch is at `http://www.intertwingly.net/code/venus/`
- If you don't like Bazaar/bzr, hassle us, tarballs and zipfiles are a bit intermittant.

Planets of choice:

- Planet GNOME: `http://planet.gnome.org/`
- Planet Debian: `http://planet.debian.org/`

Bonus Planets:

- Planet Python: `http://planet.python.org/` or `http://www.planetpython.org/`
- Planet Perl: `http://planet.perl.org/`

[1] Don't call it "Planet Planet", it upsets Jeff.