Bits from OcamlCore.org

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A brief history of OCamlCore.org
Forge, principles, techniques and tools
2009 planned actions
Goals

Infrastructure for the OCaml community:
– Make more visible OCaml enthusiasts
– Allow to gather an important code base
– Centralize contribution to gain more momentum

OCaml “marketing”
Conquer the world
History of OcamlCore.org

Team members:
- Sylvain Le Gall
- Stefano Zacchiroli
- Pietro Abate
- Romain Beauxis

Debian Developers and members of pkg-ocaml-maint

If you are willing to help, you are welcome
30/01/2008: Team start to work right after last year OCaml Meeting

- Setup OVH virtual server for OcamlCore.org
  - Backup (dar)
  - Mailing list (mailman)
  - General server monitoring (logcheck, denyhost...)
- Start writing term of use and philosophy
- Start setting up the forge
History of OCamlCore.org

10/02: finish writing term of use and philosophy
- Almost the same as sourceforge.net's
- Set a clear distinction between OCamlCore.com and OCamlCore.org
  .com sponsors .org but .org remains independent and free even if the .com disappear

19/02: planet.o.o online
- Based on planetplanet
- Small CGI to manage subscription (OCaml)
History of OCamlCore.org

25/02: official announce for planet.o.o and www.o.o
07/03: forge enter beta test
20/03: darcs.o.o and git.o.o
19/04: forge is officially opened
21/05: migrate planet to venus for wordpress feed
History of OCamlCore.org

08/07: bzr.o.o to help hosting pa-do
02/09: homepage for projects on forge
18/10: start setting up mirror.o.o

Today: 114 users, 72 projects
History of OCamlCore.org
History of OCamlCore.org
forge.ocamlcore.org

“what the forge currently offers”

Usual GForge toolbox

• Webpages with custom domain name (*.forge.ocamlcore.org)
• Code repository (CVS, SVN)
• Mailing lists (based on mailman)
• Ticket tracker
• Forums
• And a lot more
forge.ocamlcore.org

“what the forge currently offers”

Extras by o.o

- Some more VCS (git, bzr, darcs, …)
- Their web interfaces (e.g. gitweb)

Not properly integrated with the forge

- Will be integrated in next GForge version
- You will need to manually link to them from project webpage
- Use the “site-admin” ticket tracker to request them
Blog aggregator for OCaml-related blogs

Who can be on the planet? ... You!

To request addition of your blog to planet.o.o just open a ticket in the “site-admin” project ticket tracker (as usual)

Please deliver to planet.o.o only posts “somehow” related to Ocaml

If you have a multi-purpose blog, consider using tags and subscribe only the “ocaml” tag to planet.o.o
mirror.ocamlcore.org

Web-mirror of websites relevant for the OCaml community

Rationale: backups if the originals are down

Based on HTTrack

Currently mirrored

- COCAN – the OCaml alliance network
- Objective CAML tutorial
- (caml.inria.fr)
- anything else to suggest?
Future plans

Improve mirror.o.o

Migrate to new GForge/FusionForge
- integration with more VCS, mediawiki
- Planned for Etch to Lenny upgrade

What about a wiki.ocamlcore.org?
- OCaml-based wikis are quite scattered ATM: cocan, gallium, ...
Future plans

Hackable infrastructure for the whole OCaml codebase, imagine:

- Injecting tarballs in an HTTP/FTP zone
- Monitor incoming version of tarballs
- Formalize dependencies using findlib, configuration and build instruction using “cabal”-like file (only describe, not a build system)
- Refresh at each release and add continuous integration
- Inspired from hackage/cabal
- A library program = a directory, metadata = file
- Use “easy” standard: HTTP, FTP, Genlex parseable file
How to help

Graphic experts needed

We suck at doing graphics :-)  
Still, we badly need:

OCaml-specific template and CSS for forge.o.o
The same for planet.o.o
Good “splash” CSS for www.ocamlcore.org
Smooth integration among all of the above
.... any taker?

Feedback: talk with us !

Plenty of ways: tickets, IRC, ...