PicoForge

Install your own "forge", to host collaborative software development … and more !

Typical use

Projects / work-groups hosting
courses writing
proposals setup
software development
knowledge repository
…

Ad-hoc project creation
avoid administrivia

Web-based interfaces + open standards

Secure project spaces
public projects vs. private projects
wikis, subversion,…

Easy to install
Debian packages
closer to the users (department, lab)

Internal project homepage

Project's private Wiki

Main features

Communication
custom Mailing-Lists (Sympa)

"Documents" sharing
reference repository for the project
versions tracking (subversion or CVS)
quick editing (wiki)

Website publishing
static site and restricted wikis

Notification of changes
RSS feeds, subscriptions

Autonomous project administration
addition of new members, new wikis, new lists…
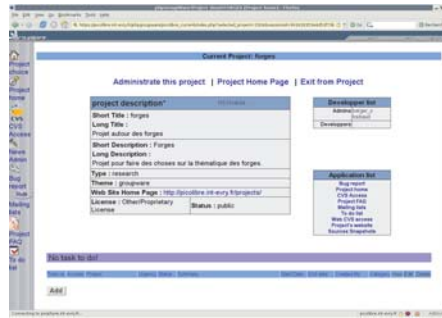
Some key points

Devellopped at GET
at INT and ENST-Bretagne
since 2001
initially known as PicoLibre

Devised in a pedagogical environment
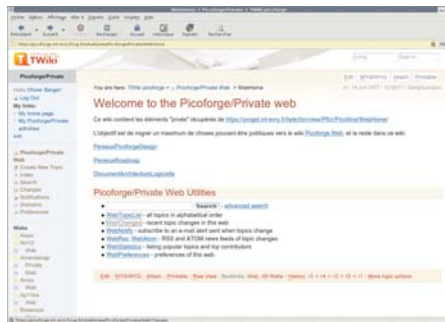introduction to collaboration, software developement

All free/opensource software
packaged for DEBIAN distribution
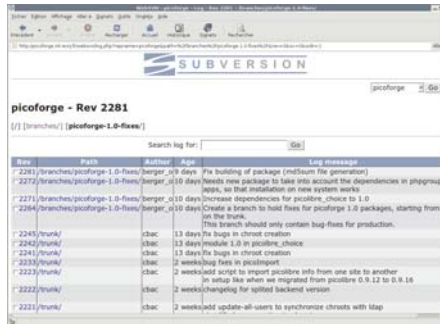available under GNU GPL license

Integration approach (vs. rebuild)

Integration with CAS & Shibboleth (soon)

Latest commits in Subversion

> **Future :**
> new features
> towards assembly of web services
> (new generation forges),
> distributed forges
>
> **Testers wanted…**
>
> **Contributors wanted…**

Based on existing mature libre software

phpGroupWare, OpenLDAP, TWiki, Sympa, Subversion, CVS, MySQL, Apache 2…

and soon : Mantis, Apache's mod_dav…

Institut National des Télécommunications
Christian BAC
9 rue Charles Fourier – 91011 Evry Cedex – France
Phone:
+33 (0)1 60 76 45 39
Fax:
+33 (0)1 60 76 47 80
E-mail:
christian.bac@int-edu.eu
Web: www.picoforge.org

Install PicoForge in your organisation and host your own projects

Download and instructions :
http://www.picoforge.org/

get 1997-2007
10 ans