Collaborative tools

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Collab. tools?

◆ LDAP (directory service)

◆ sympa (mailing lists)

◆ wiki (mediawiki)

◆ invenio

◆ gforge/svn/? (version control system/code repository)

◆ CMS (drupal)

Directory service

- alternative to autoritative DB

- "Easy" autentication/authorization

- necessity to delegate part of the AA process

- ability to integrate with most of the software or web portal we may implement

Directory service: status

◆ Fedora Directory Server used (open source)

◆ tentative tree structure build (may change though)

◆ few person already in (40-some)

◆ changing password a bit cumbersome

◆ server in Ferrara: up and running (protected access)

To do: administrative web interface (work just started)

Sympa

- to provide mailing lists to collaboration, groups, subgroups, etc.

what we want:

- integration with LDAP (definition of membership/ roles)

- integration with INFN Sympa server at CNAF (which is not using LDAP: at least not yet...)

Sympa: status

◆ tested integration with LDAP on standalone machine: complete freedom of choosing the ldap query to use

◆ tested integration at CNAF on a virtual machine

◆ authentication with LDAP ok (username/pass or email/pass); some problem with certificates (investigation going on)

To do

◆ how to have a secretary to modify the tree (admin interface)

◆ some problem with LDAPS connections (to investigate)

Drupal

◆ CMS (content management system) for web sites

◆ Up and running in Pisa since a long time

To do:

◆ integration with LDAP (plugin tested standalone; need to integrate; work going on)

Wiki

- quick way to publish on web (manuals, discussions, etc.)

- no "stringent" organization or authorization (it is not a CMS)

Status

- server up and running in Ferrara

- integrated with LDAP for authentication

- mostly used by simulation people for the moment

To do: investigate problem with PNG images (ok now?)

Invenio

◆ "digital library system" (CERN product, GPL license)

◆ builds and manages a digital library server

Status

◆ server up and running in Ferrara (self test passed)

To do:

◆ configuration (work just started)

Version control/code repository

first idea: use gforge

◆ server setup in Padova (standalone)

◆ "standard" integration with LDAP: no way! (not really LDAP integrated; poor quality code found)

◆ special plugin/code written in Ferrara suitable to basic needs

Question: since this requires changes to the code, how difficult are software updates? (preference to stay as "standard" as possible)

Version control/code repository (2)

runner up: subversion

◆ server up and running in Padova

◆ LDAP integration and configuration going on

To do: evaluate subversion and configure it to our needs

(a bit late on this item: gforge ate away quite some time....)

What's next?

- LDAP: administration interface and start delegation/populate the tree

- wiki: minor things

- sympa: fix last things; move lists; figure out administration process

- drupal: integrate plugin (minor thing?)

- invenio: configuration

- version control: try subversion; decide what we want