RELIER: REférencer les développements Logiciels Internes de l'Enseignement supérieur et de la Recherche

Reference software within the Higher Education and the Research communities

Teresa Gomez-Diaz

PLUME – Laboratoire d'informatique de l'institut Gaspard-Monge

CNRS – Université Paris-Est

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Plan

PLUME - Introduction

PLUME

Promouvoir les **L**ogiciels **U**tiles **M**aîtrisés et **E**conomiques
dans l'Enseignement Supérieur et la Recherche

PLUME (fr) - FEATHER (en)
Promoting economica**L**, **U**seful and **M**aintained softwar**E**
For the Higher **E**ducation **A**nd**THE R**esearch communities

http://www.projet-plume.org/
plume@services.cnrs.fr

Head: Jean-Luc Archimbaud, UREC (CNRS)
Official partners: around 20 laboratories and research entities
Supporters: 10 other associations and research entities
Produce: 5 types of software index cards (validated software, resource, ...)

PLUME can be useful for you

- as software user (to look for information)

- as software connaisseur (to share information)

- as software developer (to promote your software)

- and also helps to promote free software (LL)

- oriented to the Higher education and research community

Without forgetting that we work in a legal frame (licenses).

Please contact plume@services.cnrs.fr

Relier - Motivation
What happens in the research labs and universities?

- some labs and universities produce a lot of software
  - for research (leading to publications)
  - for everyday needs (management, bibliography, ...)

- some are LL software

- some are distribued (sometimes not in the best condition)

- most of them are unknown software

- most of them are useful for other researchers/labs/projects

Idea: To reference and to index the labs/universities' software without regarding their status of completeness, documentation or distribution.

Projet RELIER

RELIER

REférencer les développements **L**ogiciels **I**nternes
de l'**E**nseignement supérieur et de la **R**echerche

Reference software within
the Higher Education and the Research communities

http://www.projet-plume.org/fr/relier
relier-pilote@services.cnrs.fr

Born: inside the *plume* project
Head: V. Baudin, T. Gomez-Diaz, V. Louvet
Pilot labs: ICJ (Lyon), IGM-Labinfo (Marne-la-Vallée), LAAS (Toulouse)
Supporters: Groupe Calcul, INSMI CNRS, DPI CNRS
Produce: reference software cards $+$ labs and Univ. web pages
PLUME-FEATHER: first to translate French reference cards (to English)

A reference index card

The informations to properly identify the software:

- name, version, date, web site
- license, status (in development, distributed, ...)
- designer(s), contact information
- laboratory, head institutions
- keywords (search interface)
- general software features
- context in which the software is used
- publications related to software

For example:

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http://www.projet-plume.org/en/unitex

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RELIER Statistics

- RELIER
  - ▶ First reference cards published september 2008
  - ▶ Today: 66 index cards corresponding to 38 labs
  - ▶ 21 more coming soon
  - ▶ Some have also a "validated software card"

- PLUME-FEATHER
  - ▶ First English reference cards published on april 2009
  - ▶ 9 published cards
  - ▶ 6 coming soon

Goal: to reference all the software in each lab and universtity to present them in web pages ...

For example:

http://www.projet-plume.org/fr/IGM-Labinfo/

FAQ - Motivation

Few problems:

- some software in labs are distributed without license
- a collaboration regarding software production started (and almost ended) before to sign the contract

Reasons:

- I didn't know
- it is boring (to care about such matters)
- it is difficult

In order to help, a $\mathcal{P}^{lume}$ resource card:

FAQ : licence & copyright pour les développements de logiciels libres de laboratoires de recherche

http://www.projet-plume.org/fr/ressource/faq-licence-copyright

First step
Identify "Transfert technology services" needs

Before any software distribution, before any collaboration, contact the Transfert technology services (CNRS, Universities, Head institutions, ...) if there is any software development related to:

- call for projects
- contracts
- participation of people funded by different entities
- patents
- deposit to the "Agence de Protection des Programmes"
- owner licenses
- search for industrial partners

Beware if they include LL software!

FAQ - To be avoided ...

- Use software components without knowing their origin, their license.

- Start a collaboration with industrial partners without formalizing the collaboration with a contract (other partners).

- Distribute your software without license.

- Distribute software found on the net without license, or with a license incompatible with the original one, even after modification.

FAQ - Questions for the developers

- Who are the authors?
- Which is the developers' status (employee, contract, ...)?
- Who are the copyright owners? (employers, sometimes)
- Is the software related to a contract (collaboration)?
- Is there any preliminary material (to date of the software)?
- Which are the used software components, their licenses?
- Which is the laboratory/university policy regarding software (LL)?

The answers are not allways obvious ...

FAQ is useful

- What is LL? How to be sure that a software is LL?

- Who are the copyright owners? (law)

- Why developers should choose a license?

- Who makes the choice for the license? (law, in practice)

- How to choose a license? (law: FR, EU, ... + software components)

- How to place a license? When?

http://www.projet-plume.org/fr/ressource/faq-licence-copyright

This is an example of the collaborative work usual in *plume*
(10 contributors for this document)