



Interoperability and data lock-in in forges

Sébastien Campion

INRIA

9th November, Fossa 2010, Grenoble

Overview

- 1 Definitions and Uses
- 2 Interoperability, Coclico project

Overview

- 1 Definitions and Uses
- 2 Interoperability, Coclico project

What usage ?

- A example use case, a segfault or an error appears during the first uses.
 - ① Search on google.com
 - ② Find an answer in the bug tracker
 - ③ Apply the patch

All data other than source code are also fundamental in a software developpement process

- Academic practices and lifecycle
 - free software
 - launch a startup
 - transfer a software to a community, change forge hosting
 - old papers and experimentations need archiving process

Must be free and mobile



Work Done : First step

A small use case: export/import from FusionForge.

- Lots of contributions to ForgePlucker to enable export of trackers, people, permissions, news, forums, file release systems
- Patch FusionForge API to enable data import operations
- Export process create an archive *project.tar.gz*

What have we learned ?

- Forge APIs are not sufficient, how to backdate an artifact ?
- Data is structured but without semantics.

Demo at the end

<https://forge.projet-coclico.org/projects/wp2/>



Demo : export/archive trackers, forums,
documents, files from INRIAGForge

Demo : import data in a new project