Qualips
Quality Platform for Open Source Software

Trust and Quality on FLOSS

Boosting innovation and growth by fostering FLOSS

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CORDIS

Information Society Technologies

creative commons

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FLOSS in the economy

- Economies are evolving from product orientation to service orientation
- FLOSS is a chance for industries to foster growth and increase competitiveness
- FLOSS as the engine of modern IT e.g. SaaS, Cloud Computing, ...
  - For the service providers to keep the service cost as lower as possible
  - For the consumer (citizens) to have more competition
  - For the Software Industry to have more resources for innovation
  - For Public Administration to release resources to boost and support local employment

The FLOSS Paradox

Large perspectives…

- ***A chance for enterprises & governements***
- ***A chance for IT industries in Europe & emerging countries***

… but still uncertainties

- ➔ Legal issues?
- ➔ Business models?
- ➔ Interoperability?
- ➔ Know how?
- ➔ Quality?
- ➔ Maturity?
- ➔ Industrialization?
- ➔ Support?

Qualipso Project

- A unique alliance to help industries and governments fuel innovation and competitiveness in today's and tomorrow's global environment by providing the way to use trusted low-cost, flexible open source software to develop innovative and reliable information systems.
- The largest FLOSS project funded by the European Commission under its sixth framework program (FP6), as part of the Information Society Technologies (IST) initiative
- 18 founding members, across Europe, Brazil and China

The mission

It is all about TRUST!

Trust cannot be claimed without being proved!!!

- To define and implement **technologies**, **procedures** and **policies** to leverage the Free / Libre Open Source Software development current practices to **sound, well recognized** and **established** industrial operations.

The challenges

- Dismiss the popular myths against FLOSS that prevent the industrial commitment
- Prove the quality of FLOSS for the industry

Approach overview

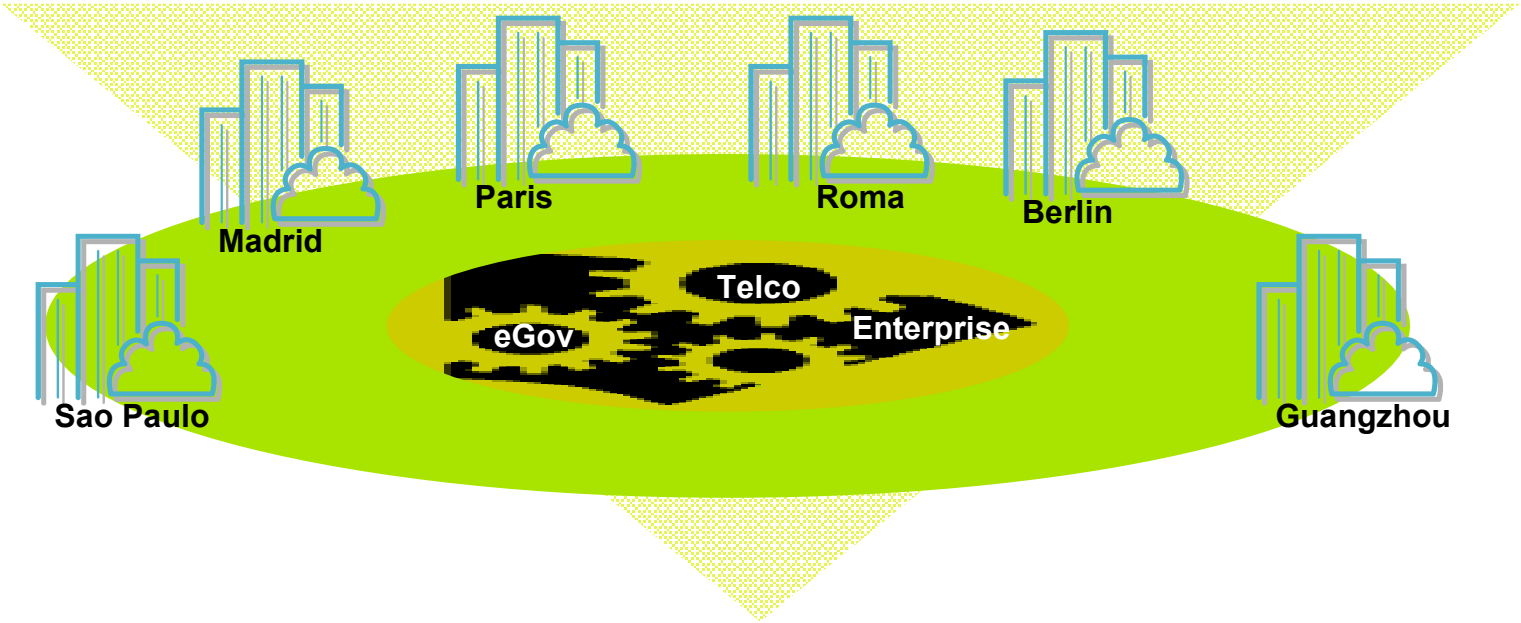
Community

PRODUCE

TRUST

Industry

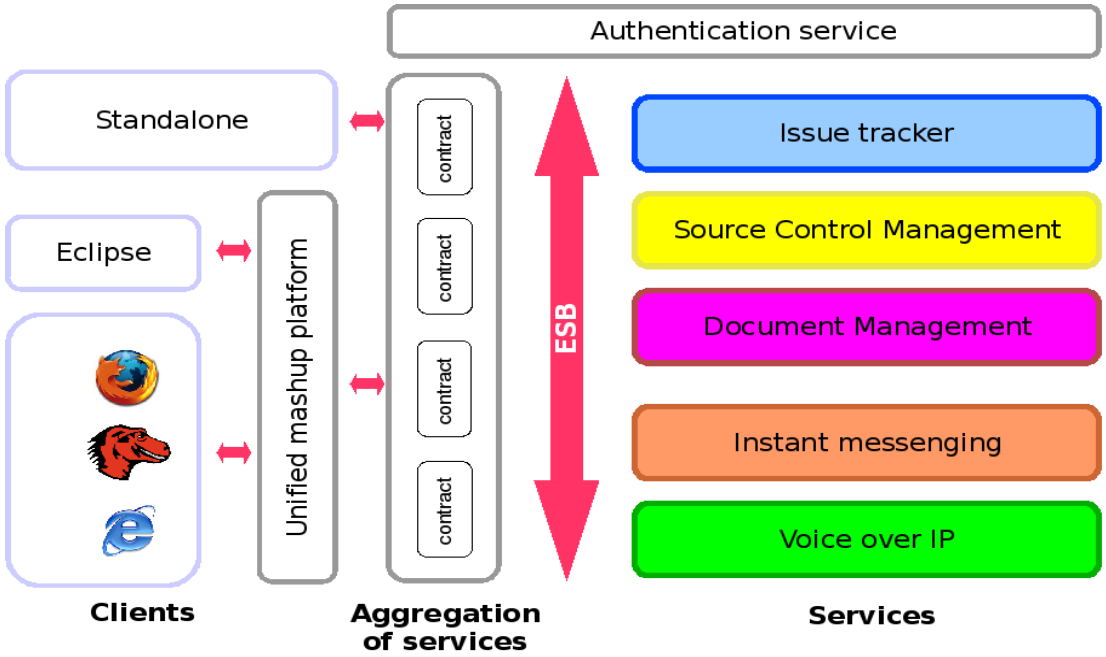
INSURE



USE

Qualipso Factory

- Provides the base services for Competence Centers
- Opens a migration path to the Qualipso factory
- For an innovative framework



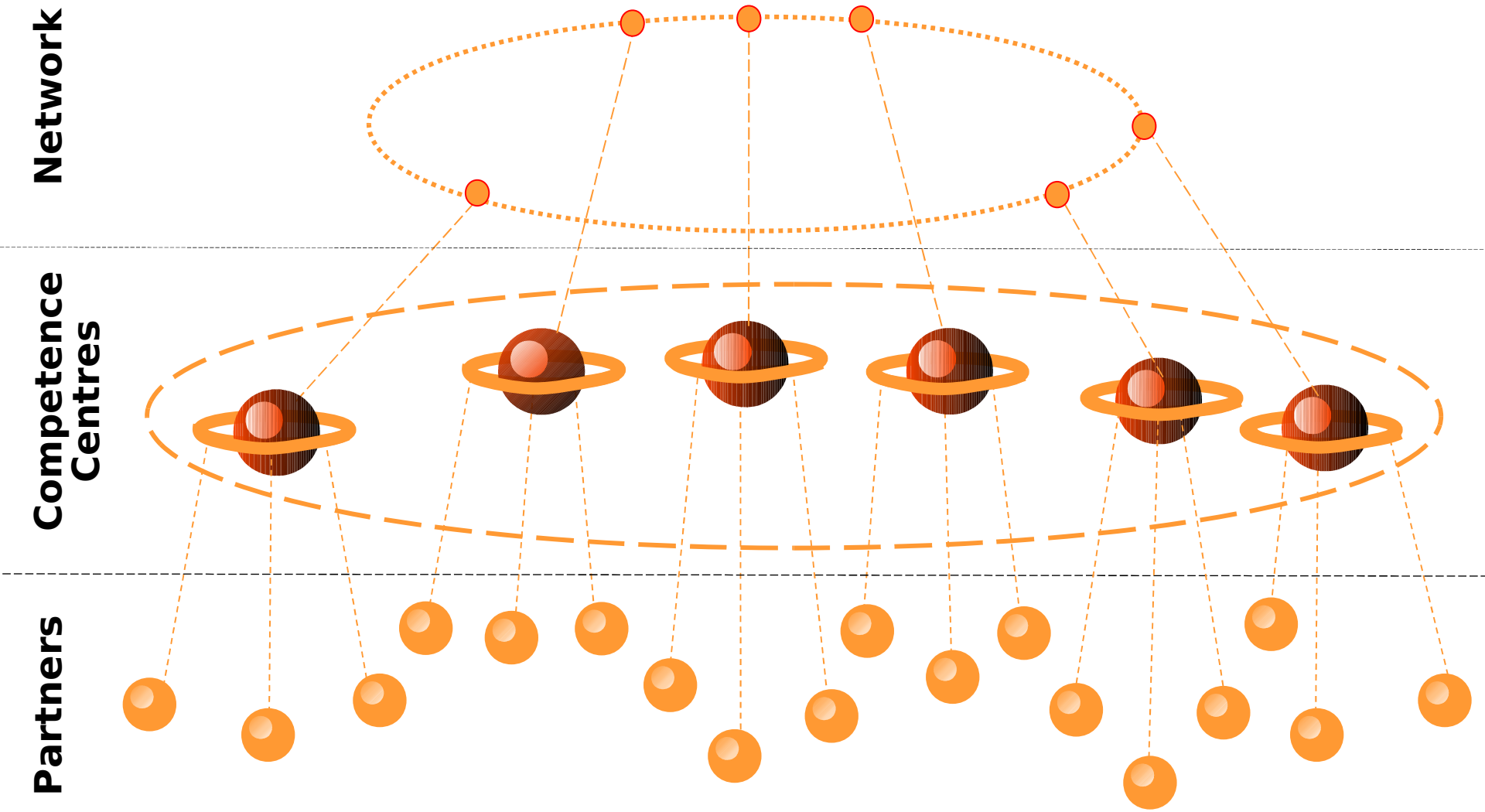
Competence Centres: why...

- Yet Another Community?
  - Brick & Mortar vs. Virtualisation
  - People talk to people
- How to leverage the complexity?
  - Different languages, culture, needs
- Is there a unique Business Model?
- Which legal framework?
- Certification and Open Source?

Competence Centres: how...

- **To establishing trust in FLOSS**
  - FLOSS compliant with industrial requirements
  - Level of confidence major public and private organisations require in software.
- **Qualipso Network**
  - A distributed network of trustworthy and highly skilled resources
  - Reuse of technologies, procedures and policies produced by Qualipso Project
  - Europe, Brazil and China
- **Qualipso Network Agreement: The "Table of Law"**
  - A framework to ensure coherency
  - Rules and regulations needed by the Qualipso Network in order to accomplish its mission
  - Uniformity, transparency, and efficiency in relations amongst Competence Centres and between Competence Centres and the Qualipso Network itself. .

Competence Centres: governance...



Competence Centres: what's new...

- A Network of Competence Centres
  - Interconnecting Industry, Academia, P.A., Community
    - Needed by Industry
    - Direct inputs from P.A.
    - Support of Communities
  - Federation vs. Centralised Organisation
  - Act locally and cooperate globally
- Dealing with Diversity
  - Different Legal frameworks
    - Consortium, Company, Cooperative, Association, etc.
  - Different Business Models
    - For profit or not for profit
  - Different Access to market
    - Generalist or specialised to specific market e.g. P.A., education, healthcare, etc.
- To provide expertise and services to FLOSS users
  - Services, tools and methods on topics from legal advice to benchmarks

3 Competence Centres Up and Running

Qualipso Competence Centre in Madrid

- Centro de Competencia Qualipso de la comunidad Morfeo
  - http://cc.morfeo-project.org
  - Backed by the Morfeo FLOSS Development Community, active partners:
    - Universidad Rey Juan Carlos, Telefónica Investigación y desarrollo, Universidad Politécnica de Madrid
  - Organisation
    - Board of directors / Even distribution of votes and representatives / Consensus based decisions
  - Funding:
    - Provision of services to third parties / Outsourcing of tasks to competence centre by active partners / Funding programmes for research / Donations of resources

Qualipso Services in Madrid

- Qualipso Factory Services
  - Forge customisation, deployment and maintenance
  - Project hosting
- Qualipso Consultancy Services
  - IP and software licenses, best practices for FLOSS development, community building
- Qualipso Educational and Training Services
  - Morfeo Formación

Qualipso Competence Centre in Berlin

- FOKUS QualiPSo Competence Centre
  - http://www.fokus.fraunhofer.de/go/QualipsoCC
  - Foster FLOSS development and adoption by bridging the gap between different free / libre open source products and solutions as well as closed source products and solutions.
  - Funding:
    - Financial basis: Infrastructure and ~ 2 employees by Fraunhofer FOKUS.
    - Projects: Financed by the project sponsor

Qualipso Services in Berlin

- Qualipso Consultancy Services
  - Integration of FLOSS in mixed environment / Interoperability of various components / Migration from proprietary to FLOSS / Proof of concept
- Qualipso Factory Services
  - Support, security, availability, communication and backup / Additional services and informations for FLOSS users and service providers / Marketplace for Qualipso Network.
- Qualipso Labeling Services
  - Help to identify FLOSS of superior quality on Qualipso Quality Metrics
  - Deliver Qualipso Label to developer, project, product or company to certify the quality

Qualipso Competence Centre in São Paulo

- Centro de Competência em Software Livre Qualipso da Universidade de São Paulo
  - http://ccsl.ime.usp.br
  - Managed by the USP Computer Science Dept.
    - About 5 professors and 10 students highly involved
    - About 20 professors and 50 students involved on FLOSS activities around the Competence Centre
  - Funding
    - Research grants from the Brazilian government (CNPq, CAPES, FINEP): fellowships for graduate students and construction of the building to host the Centre
    - USP: construction of the building and 1 full-time employee

Qualipso Services in São Paulo

- Qualipso Educational and Training Services
- Qualipso Factory Services
- Qualipso Labeling Services
- Qualipso Consultancy Services
  - Best practices for FLOSS development processes, documentation and information management
  - Project implementations based on FLOSS
  - Legal consultancy
  - Consultancy on the trustworthiness of FLOSS-based project

Competence Centres: what's critical

- Alignment of different agendas
- Collaboration and Geography
- Become a Trustworthy Partner for the Industry
- Establish a strong brand
- Brazil and China on the “ critical path”

- Open World Forum
  1st of October 2009
  in Paris, France

- All major FLOSS Competence Center Players worldwide

http://openworldforum.org/

- How to build a sustainable and vital ecosystem around the competence center?
- Service offerings and cooperation potential.
- Will Competence Centers be the core of tomorrow's public Forges and marketplaces?
- Different approaches concerning, scope, strategy, business model.

Q & A

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