



Open World Forum 2013: Community Summit catalyzing the discovery, analysis and adoption of OSS community-based innovation

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October 4th, 2013 – Paris

#### OSS mainstream impact



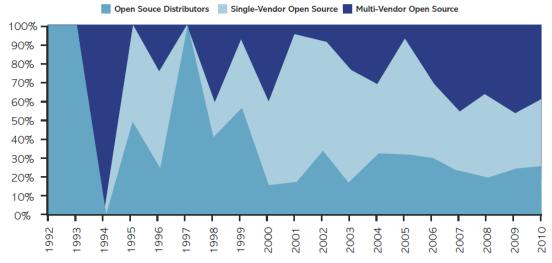
95%

By 2016, 95% of IT organizations will leverage open-source software in their mission-critical IT portfolios.

Gartner, 2012

#### OSS influence on development

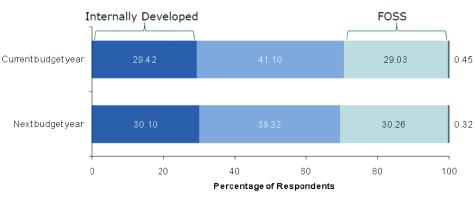




## community development coming back strong!

Source: The 451 Group, 2010

it's already part of our workflow, can we help make that better?



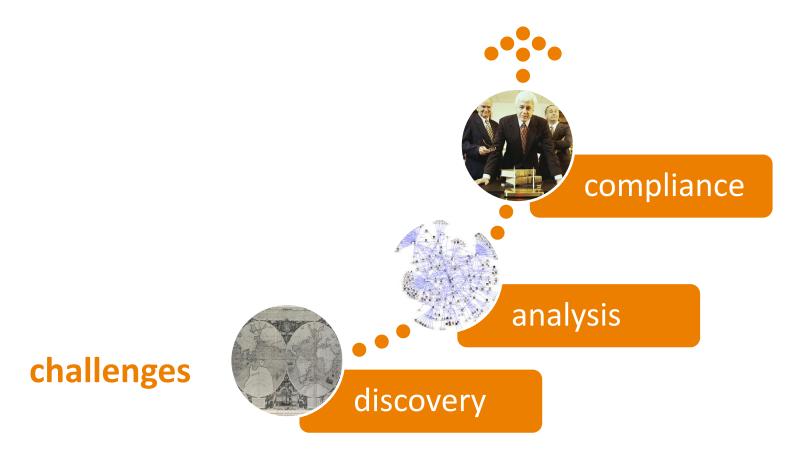
■ Internally developed software ■ Proprietary or commercial software (non-OSS) ■ OSS ■ Others

survey of 500+ IT leaders about the code in their deployed software Source: Gartner, 2011 via Black Duck

### challenges in the OSS opportunity



so many communities, so many projects, so much opportunity...



## a few solutions for search & compliance...



















#### ...but innovations for community development?

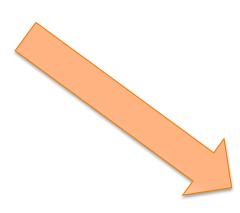


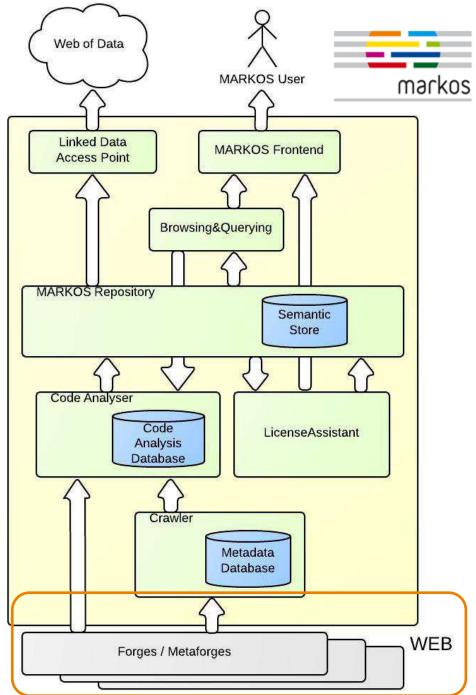
- filtered search across forges using expressive queries describing the desired code and basic attributes like entity types (class, interface, library...), names, licenses, keywords or complex queries involving relationship among different entities (inheritance relationships, dependencies, containments...)
- advanced browsing using a logical representation of the source code, independent of programming language, and lets one easily browse the content of multiple projects through their related entities
- license analysis to find out possible violations on published software, explain the conflict and suggest compatible open source licenses to apply

#### markos under the hood

important for today's session:

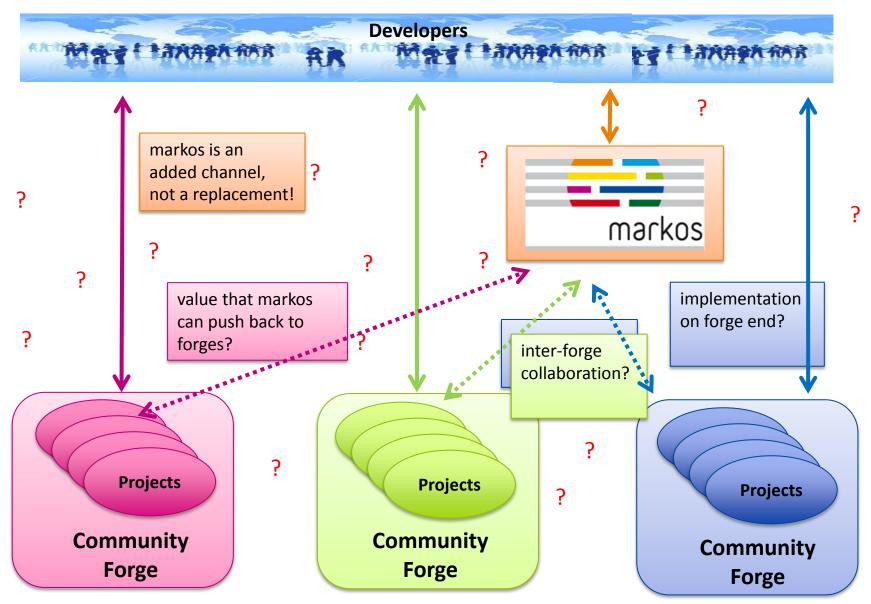
how can we better involve these communities in our solution?





### collaboration models with community forges?





### Beta coming soon!





Give it a test drive, tell us what you think, and help us further shape the concept and features of markos!

(don't worry, you won't be a bug tester!)

#### thank you for your attention!



#### slide references

partners



Gartner: "Drivers and Incentives for the Wide Adoption of Open-Source Software," 2012

The 451 Group: "Control & Community: The Evolution of Open-Source-Related Business Strategies," 2010





## **Atos**







# 76

#### FP7 project facts





duration: 30 Months

October 2012 - March 2015

coordinator: Fraunhofer FOKUS

technical lead: Engineering

#### contact info

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