STORY OF OSKARI

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Oskari is a tool for easily building multipurpose web mapping applications utilizing distributed Spatial Data Infrastructures like INSPIRE.
OSKARI - AN OPEN SOURCE PACKAGE

• For creating Embedded map clients onto other websites very efficiently
• For setting up Geoportals or Web GIS systems
• For setting up advanced web-based tools, such as decision making support services and data analysis tools
• Utilizes distributed SDIs like the European INSPIRE and European Location Framework (ELF) via standard OGC interfaces, along with other data sources
• Multilingual – English & Finnish full coverage, 15 other languages with partial coverage
Browser-based Applications with Maps and Indicators

Oskari

- Proprietary interface
- Standard interface
- Standard interface
- Standard interface

- Statistical data
- INSPIRE data
- ELF data
- Raster
- Metadata
- GML

RPC

SAAS

Embedded Maps
EARLY YEARS 2008-2011

• Everything started from a need for a geoportal
• COTS solutions were not good enough and vendor lock-in was not an option
• Desire to try new operating models: agile development and open source
• Other government organizations also interested in getting a map on their web pages
  – Need for embedded maps
• Open sourcing in 2011 (MIT & EUPL)
MORE THAN A MAP 2012-2014

• More functionalities to support eGovernment services
  – Later RPC-functionality – embedded maps learned how to talk
• Dynamic thematic mapping
  – Build your own thematic map in one minute and share it
• Tools for simple spatial analysis
  – Buffer, clip, aggregate, filter
  – Mostly utilising WPS (GeoServer)
• Support for mobile devices
• International projects (Arctic SDI and ELF)
COMMUNITY OWNED PROJECT 2015-

- Collaborative Oskari-network founded late 2014
  - Currently more than 30 members, public and private sector
- Developing an operating model for the network
  - Define roles and responsibilities for different parties
- Forming a Project Steering Committee in 2016
- Applying for OSGeo membership through the Incubation process – success!
- Entering the Incubation process, mentor appointed
- Acquire a "community manager"
WHAT NEXT?

• Adjusting the operating model to follow the OSGeo model
• Graduating from the Incubation process
• New thematic maps functionality
  – Support for more types of statistical web services
  – More visualization methods
  – Animations
• Improved support for changing projection on-the-fly
• Improving developer experience
  – Simplified API, streamlined architecture
DO’S AND DON’TS

• Gain your management's support
• Give support for early adopters (even if they need it a lot)
• Keep the documentation up-to-date (documentation doesn't age well)
• Find different types of developers
• Keep an eye on the architecture
• Encourage merging back to the project
THANK YOU!

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