

STORY OF OSKARI

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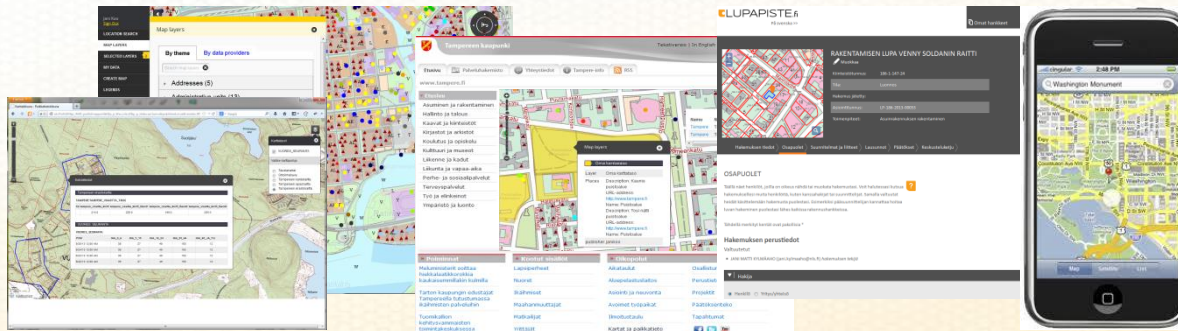
OSKARI – YOUR GEOSPATIAL FRIEND

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

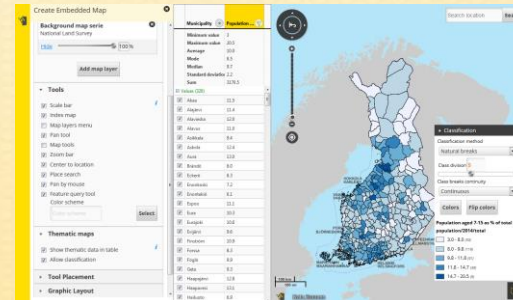
Browser-based Applications with Maps and Indicators



RPC

SAAS

Embedded Maps
Oskari



Proprietary interface

Standard interface

Standard interface

Standard interface

Statistical data

INSPIRE data

ELF data

Raster

Metadata

GML

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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