

OSMM & deegree

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IDgis bv

Open source geo: kiezen of delen?

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deegree



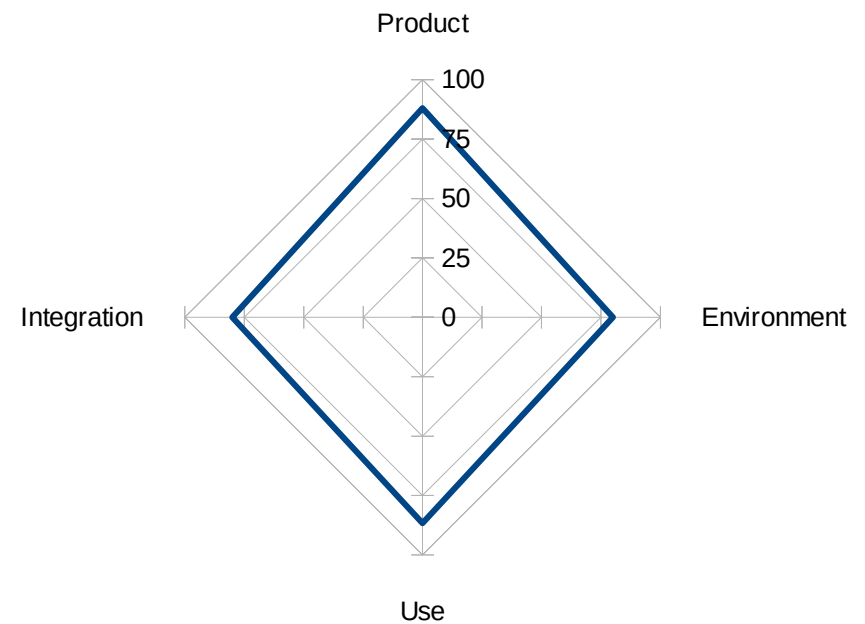
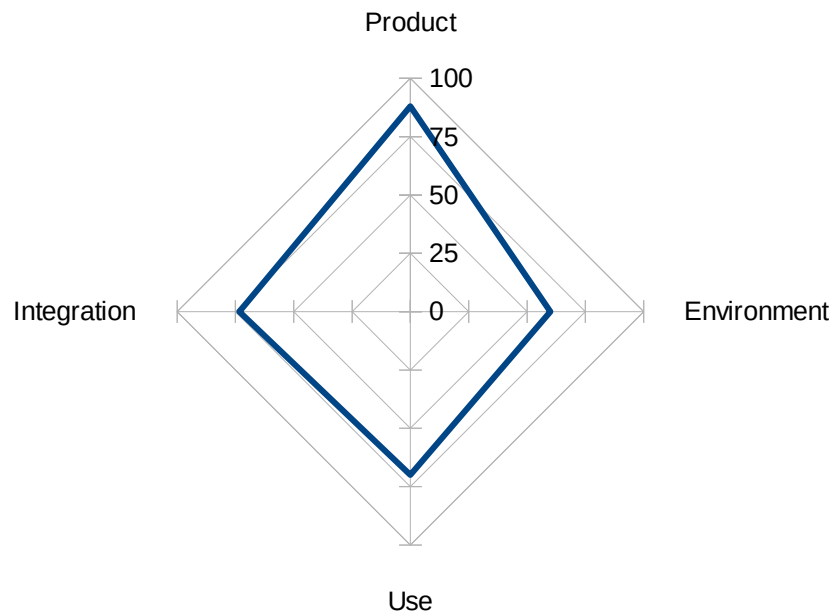
1. WFS, WMS, WMTS, CSW en WPS, according to OGC en INSPIRE standards
2. Support of rich/complex data in WFS and WMS
3. Scalable and high performance through streaming data processing
4. Relatively easy extendable, e.g. additional feature stores (SharePoint, arbitrary SQL queries)

Open Source Maturity Model



- Two viewpoints: 1.Integrator, 'I want to use and build upon'; 2.Consumer, 'I want to use and be supported'.
- OSMM v2 consists of 13 questions, covering 4 areas of interest:
 - Product
 - Environment
 - Acceptance
 - Use

deegree vs GeoServer



Product

- Age, active development: Mature; > 5 active developers
- License, more or less restrictive: LGPL
- Clearly defined selling point(s): Support of rich/complex data and OGC standards
- Developer community: TMC members employed at 5 companies
- Human hierarchies, control to active developers: TMC members decide on pull requests which can be issued by anyone.

Environment



- Collaboration with other products, i.e. openness to complementary products/communities: Currently collaboration with HALE and Geomajas; deegree perceived als relative closed community?
- Modularity, the ability to use parts of the product: Architecture well suited for extensions, API not yet stable
- Standards, adhering to widespread and accepted (open) standards: Open standards are at the heart of deegree.

Acceptance

- User community, active users generate 'noise': mailing lists, currently foremost via GitHub
- Market penetration, installed base: relative small, unknown

Use, integrator viewpoint



- Support, with development: Quick response on mailing list, several supporting companies
- Proven, references: Xplanung, EU INSPIRE Portal, ruimtelijkeplannen.nl, risicokaart.nl, unknown
- Architecture, vision on future growth/development: Stable REST/Java API, INSPIRE solution, user-friendly configtool, Enterprise Edition

Use, consumer viewpoint



- Support, with usage: Supporting companies, mailing lists
- Proven, references: Xplanung, EU INSPIRE Portal, ruimtelijkeplannen.nl, risicokaart.nl, ???
- Deployment, ease-of/documentation: zip/war, console (configuration), complete documentation

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Strengths & weaknesses

- Strengths
 - Architecture, support of rich/complex data
 - Support of standards
 - Modularity
- Weaknesses
 - Installed base /references (not known)
 - Deployment (ease-of-use)
 - Active developers/users (partly not known)
 - ?Clearly defined selling points?

deegree todo's

- Review organisational structure
- Develop/improve:
 - Developers guide
 - Ease of installation, Multilingual
 - Easy-to-use configuration
 - Website, forums / email lists
- Presentation on INSPIRE conference
- Meanwhile individual support

Conclusions

- OSMM usefull selection tool
- Which criteria are important depends on your requirements
- deegree a mature OSS product with it's strengths and weaknesses

Links

www.deegree.org

www.idgis.nl