



Landcare Research
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Alternatives to GeoServer

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Introduction

- Overview
- Web Map Services
- Web Coverage Services
- Web Feature Services

Disclaimer

- The following slides are not a comprehensive list of available applications
- An application's presence in this presentation does not imply endorsement or advocacy of its use
- Nor does it imply any experience using the application

Overview

- SISS is an architecture
 - Standards mandate behavior
 - Do not mandate applications
- Services can be implemented using any technology provided ...
- ... **they meet the standards they claim to adhere to**

Web Map Services

- Mature specification, many options
 - Mapserver
 - Deegree
 - 52 North
 - World Wind WMS Server
 - ArcGIS Server
 - ERDAS Apollo
 - Oracle MapViewer
 - And more

Web Coverage Services

- Fully compliant* examples not common
- Most are WCS v 1.0
 - THREDDS
 - Hyrax
 - IGIS
 - ERDAS Apollo
 - ArcGIS Server
 - deegree
 - Geomatica WebServer Suite

Web Feature Services

- Large number of Simple Feature Level 0 implementations
- Fewer capable of serving data using Simple Feature Level 1 application schema
 - Deegree
 - ERDAS Apollo
 - Snowflake GoPublisher
 - GIN Mediator – bespoke XSLT-based framework

Summary

- Pick the best application for:
 - Enterprise IT environment
 - Community of practice
 - Available support
- If it conforms to the standards it is a valid tool

Thank you