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

* Certified compliant by the OGC
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