

Canadian Geoscience Knowledge Network

Data Catalogue

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Outline

- ◆ Background
- ◆ Standards
- ◆ Components
- ◆ Portal
- ◆ Issues & Opportunities ...

Data Catalogue Background

- ◆ 2nd CGKN Workshop, June 2000

- ◆ GeoConnections



- ◆ Targeted Geoscience Initiative funding

Data Catalogue Standards

- ◆ Metadata: FGDC Content Standard for Geospatial Metadata
 - » CGKN profile
- ◆ Information Retrieval: Z39.50 Application Service Definition and Protocol Specification
- ◆ OGC Web Map Service

Components

◆ Database

- Oracle, Access, MS SQL, ESRI Arc Catalog, Intergraph SMMS

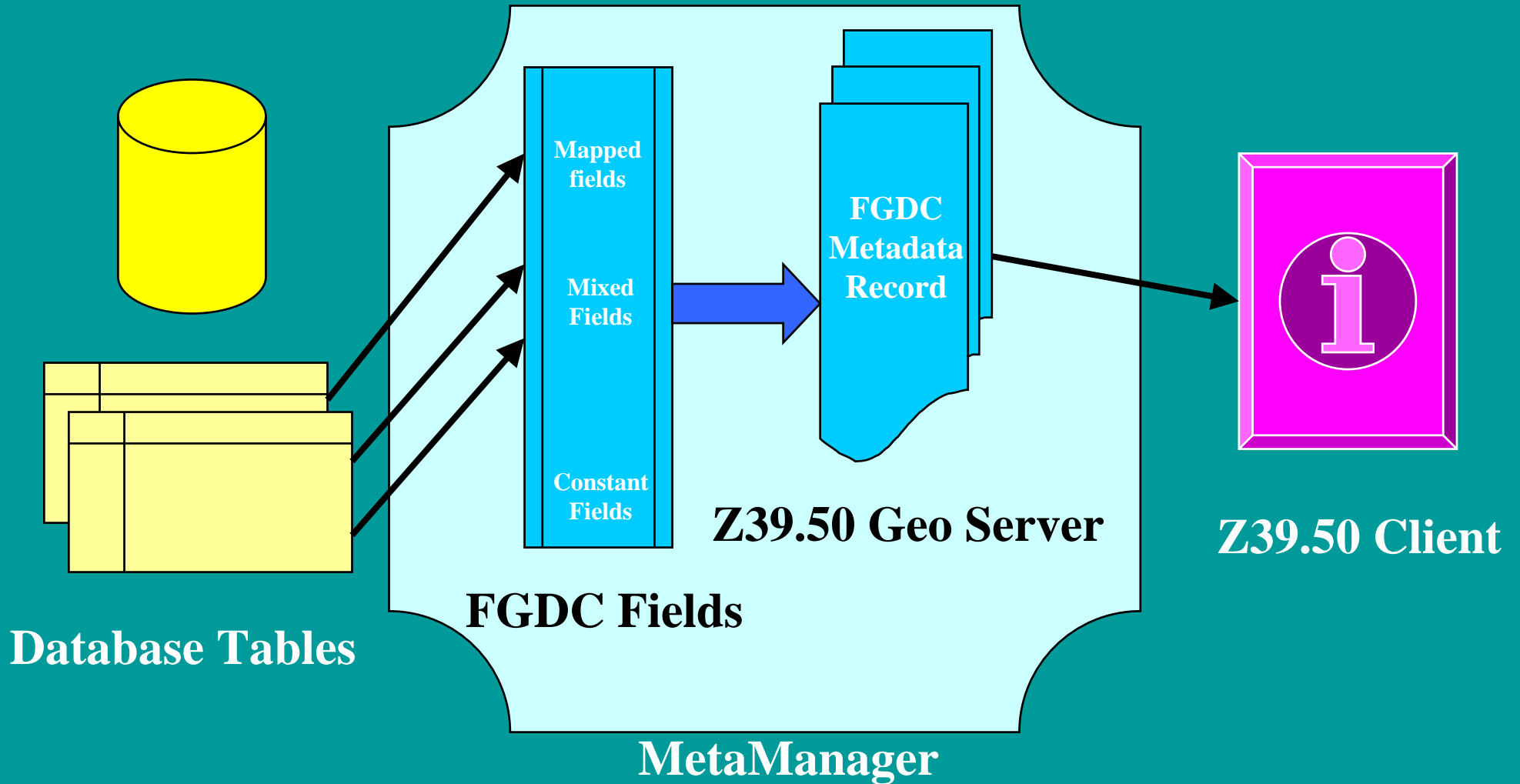
◆ Z39.50 GEO Server

- CompuSult MetaManager, ESRI Arc IMS, Intergraph Geoconnect, YAZ toolkit....

◆ Z39.50 GEO Client

- CompuSult MapManager, GeoConnections Discovery Portal, Znavigator, Bookware, PHP YAZ....

MetaManager



Data Catalogue Usage

- ◆ 101 registered users
- ◆ ~6600 sessions
- ◆ 490 guest sessions
- ◆ ~40 sessions / user

Issues

- ◆ Ownership / standard business process
- ◆ Software / support
- ◆ Conflicting IM / IT requirements

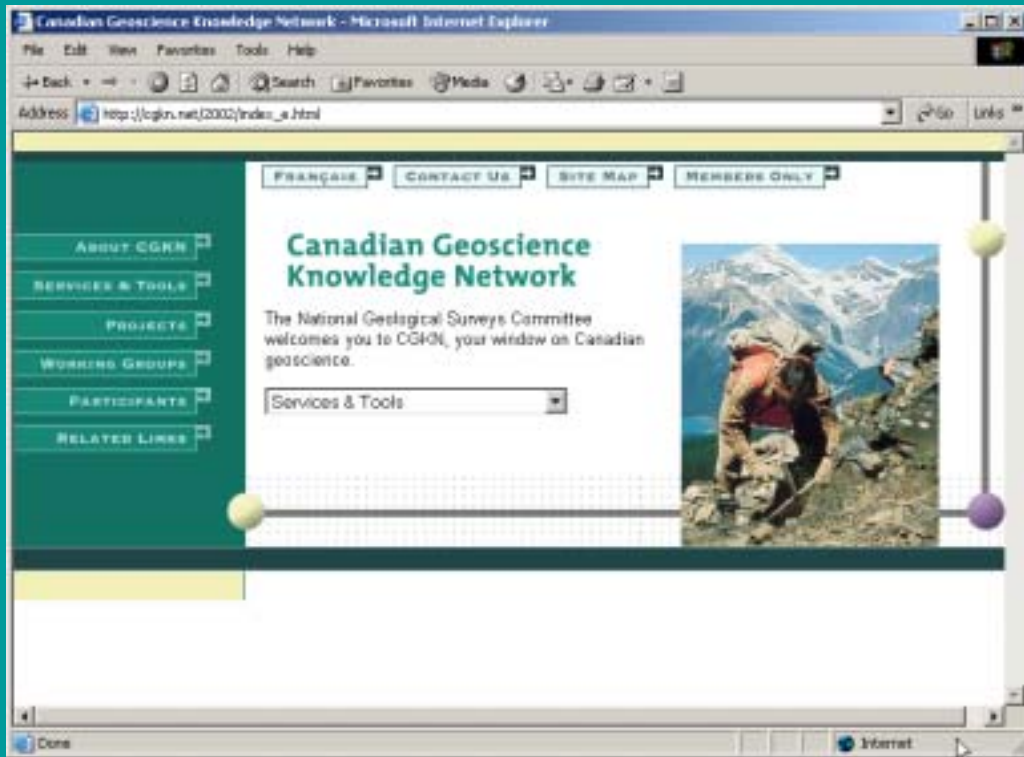
Opportunities

- ◆ Increased support for proper IM
- ◆ Potential to increase public awareness of geoscience
- ◆ A number of potential funding sources
- ◆ A strong CGKN team in place

Demonstrations

- ◆ Data Catalogue
- ◆ Z-Navigator
- ◆ Custom Client

Need more information ????????



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