



# ZNavigator for Z39.50 information retrieval

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# Summary

- Basic features
- Advanced features
- Background information

# Initialization

- Default resources/groups
- Interface language
- Default search index
- Maximum initial results
- Brief results display configuration

# Basic queries

- New session
- Status information
- Enter query
  - Single target
  - Multiple targets
- Retrieve brief results
- Client-side sorting
- Duplicate filtering



# Advanced queries

- Query Builder
- Direct entry
- DDE interface

# Results

- Detail
- Output
  - Save query and/or results with append option
  - Export to ASCII
  - Delete results set
  - Print results

# Saving queries

- Folders
- History
  - Query identifier; Max items per batch
  - Resources/Resource groups
  - Sort order of results
  - Search statement/type (basic/advanced)
  - Field sequence to be searched
- Bookmarks



# Help

- Full Windows help
- Introduction
- Menu options
- Configuration
- Reference material
  - RPN query syntax
  - DDE Gateway interface
  - Bib-1 Attribute set





# CACTuS features

- Parameterization
- Resource usage log

# Requirements

- Integrate bibliographic resources
- Move from character to GUI based OPAC
- Overcome variety of CD-ROM interfaces
- Help users exploit search results
- Reduce time taken to search many sources
- Overcome a gap in the market for solutions

# Catalysts and impediments

- The pace of change
- Standards help - but which ones?
- Web OPACs - benefits and limitations
- Combining Web and Z39.50
- Problems with Web-Z gateways

# CaseLibrary client-server system

- Intended users
- The CaseLibrary Architecture
- Client interface
  - Task Manager
  - ZNavigator
  - Administration client
- CaseLibrary Access Control Token Server (CACTUS)

# Issues raised

- The variety of user terminals
- Z39.50 is only a framework for solutions
- World Wide Web diverted attention from middleware
- Authentication and security need more work
- Librarians need to collaborate more with other players
- Performance versus functionality of gateway solutions

# ZNavigator status

- EU funded research completed April 1997
- Freely available on Internet
- Developers interested in proposals for:
  - implementations/demonstrators
  - enhancement projects

# Conclusions

- ZNavigator is useful as a power-user free product
- It has considerable scope for further development
- It is useful for Z39.50 education, training, promotion work
- Problems addressed by CaseLibrary are now recognised
- ZNavigator needs to work with new library management systems
- Web clients are now preferred for casual users
- Java client version is needed
- ZNavigator needs to be integrated with the Web/intranets

# ZNavigator Web sites



■ English

<http://www.sbu.ac.uk/litc/caselib/>



■ Spanish

<http://www.alcala.es/biblio/caselibe.htm>



■ Italian

<http://www.unifi.it:8000/caselib/>