

# The CIMI Z39.50 Profile

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## The CIMI Profile Z39.50 Search and Retrieval of Cultural Heritage Information

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## CIMI: Consortium for the Computer Interchange of Museum Information

- **CIMI Consortium** -- 20+ Member Organizations
- Forum to solve complex problems concerning **electronic interchange** of museum information
- Coordinating technical and professional **standards** development and encourage standards-based software and network services
  - **test specifications** for services, user models, and a set of base standards
  - Collaborate on the **development** of models, formats and syntaxes
- Z39.50, Dublin Core, Integrated Information Mgmt

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## Background & Context

- Project CHIO -- NEH funded demonstration
- CIMI Z39.50 Interoperability Testbed (1998)
  - six month implementation experience to test specifications and identify issues
- The CIMI Z39.50 Profile for search & retrieval of cultural heritage information (1998)
- Harmonization of CIMI Profile with Aquarelle

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### Challenges

- Modeling search and retrieval across a variety of museum information resources
- Providing clear semantics related to access points and other query criteria for communication of museum searches
- Developing schemas and abstract record structures to enable the retrieval of images & text from museum repositories & libraries

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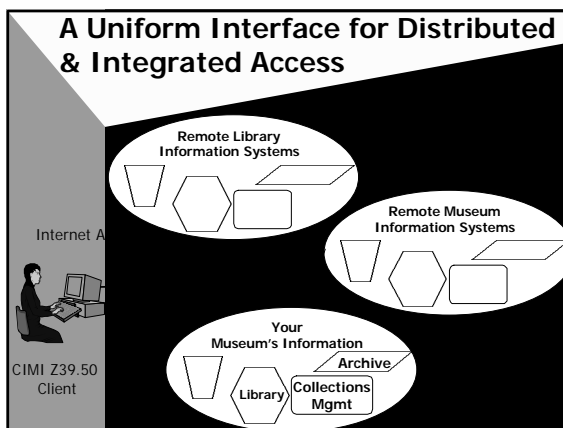
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### The CIMI Profile

- Specifications for using Z39.50 for search and retrieval of cultural heritage information
- Evolved to reflect solutions to issues and implementation experience

– CIMI Attribute Set -- reflecting access points for

Abstract Record Schema -- reflecting different views on database record for retrieval

Integration of Dublin Core Elements

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**Retrieval of Multiple Images and Multiple Resolutions**

You have a range of information

CIMI Profile has specs to provide mechanism to express the information

Original Object

Image1

Image2

Thumbnail

Snap-Shot

High Resolution

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**CIMI Z39.50 Working Group Meeting**

- A CIMI-2 Attribute Set within the framework of the new attribute architecture

Using XML to express the CIMI Record Schema, currently expressed in GRS-1

Interchanging institution & scope of collections information

The use of the Z39.50 Thesaurus Profile

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**CIMI Profile Information**

- CIMI Website:
  - [www.cimi.org](http://www.cimi.org)
- The CIMI Profile
  - <http://www.cimi.org/standards/index.html#THREE>

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