

# The Drexel Digital Museum Project: HISTORIC COSTUME COLLECTION



# Drexel Historic Costume Collection

- Began in 1890's
- Over 7,000 items encompassing 200 years of costume and textile design
  - Period clothing
    - gown, complete with kneeling pillow for presentation to the Austrian Court
  - Famous designers
    - Oscar de la Renta
    - Yves Saint-Laurent

# History of creating the online collection

- Late 1990s, wanted to create an online database for teaching and research
- Identified different potential users
  - Fashion scholars
  - Students
  - Design professionals
  - Educators
- Analysis of potential users' needs

# Results of Users Study

- High quality images
- Multiple views of the object
- Details of the object
- Variety of search parameters

# Response to the Users Study

- Images as the dominate information
- Use of QuickTime Virtual Reality (QTVR) software
- Standards for terminology and access

# What is QTVR?

- Non-linear movie stitched together from pre-created images
  - Doesn't tax the user's system
  - Interactive user-controlled environment
- Two types of movies
  - Panorama
  - Object oriented
- Hot spots

# Standards

- Thesaurus of Costume Terminology
  - International Council of Museums
  - Core Categories for Visual Resources
  - Art and Architecture Thesaurus
  - Pickens Dictionary of Fashion
- Metadata
  - Open Archives Initiative
  - Dublin Core
- XML
- Museum Online Archive California

# Sample XML

```
<?xml version="1.0" encoding="UTF-8" ?>
- < GetRecord>
- < record>
- < header>
  <identifier>oai:drexel:ddm/60_Unknown12</identifier>
  <datestamp>2003-11-16</datestamp>
  <setSpec>ddm</setSpec>
</header>
- <metadata>
- <oai_dc:dc xmlns:oai_dc="http://www.openarchives.org/
  OAI/2.0/oai_dc/" xmlns:dc="http://purl.org/dc/
  elements/1.1/" xmlns:xsi="http://www.w3.org/2001/
  XMLSchema-instance" xsi:schemaLocation="http://
  www.openarchives.org/OAI/2.0/
  oai_dc/ http://www.openarchives.org/OAI/2.0/
  oai_dc.xsd">
  < dc:title>The 30s--special occasion evening</dc:title>
  <dc:creator>Unknown</dc:creator>
  < dc:date>1935</dc:date>
</oai_dc:dc>
</metadata>
</record>
</GetRecord>
```




# Thesaurus Data Entry Screen

Descriptive Information Form : Drexel Historic Costume Collection - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media History Mail Print Edit Discuss

Address: http://image.cis.drexel.edu/servet/ddmRegistryServlet

 **THE DREXEL HISTORIC COSTUME COLLECTION**  
Menu Logout

**DESCRIPTIVE INFORMATION**

gender:  male  female  unisex  not applicable

category:  Special Occasion Evening - Women's garments - Main garments - Covering the bo

garment construction:  machine loomed  machir

measurements

chest:	<input type="text" value="35"/>	inches	<input type="text" value="88.9"/>
waist:	<input type="text" value="35"/>	inches	<input type="text" value="88.9"/>
hips:	<input type="text" value="35"/>	inches	<input type="text" value="88.9"/>
overall length:	<input type="text" value="40"/>	inches	<input type="text"/>

pattern availability

Done

Category

**THESAURUS**

Click on a **bold** listing to display more choices, or click on a plain text listing to enter that value into the field.

**Dress (1) one piece**

←BACK ↑↑TOP

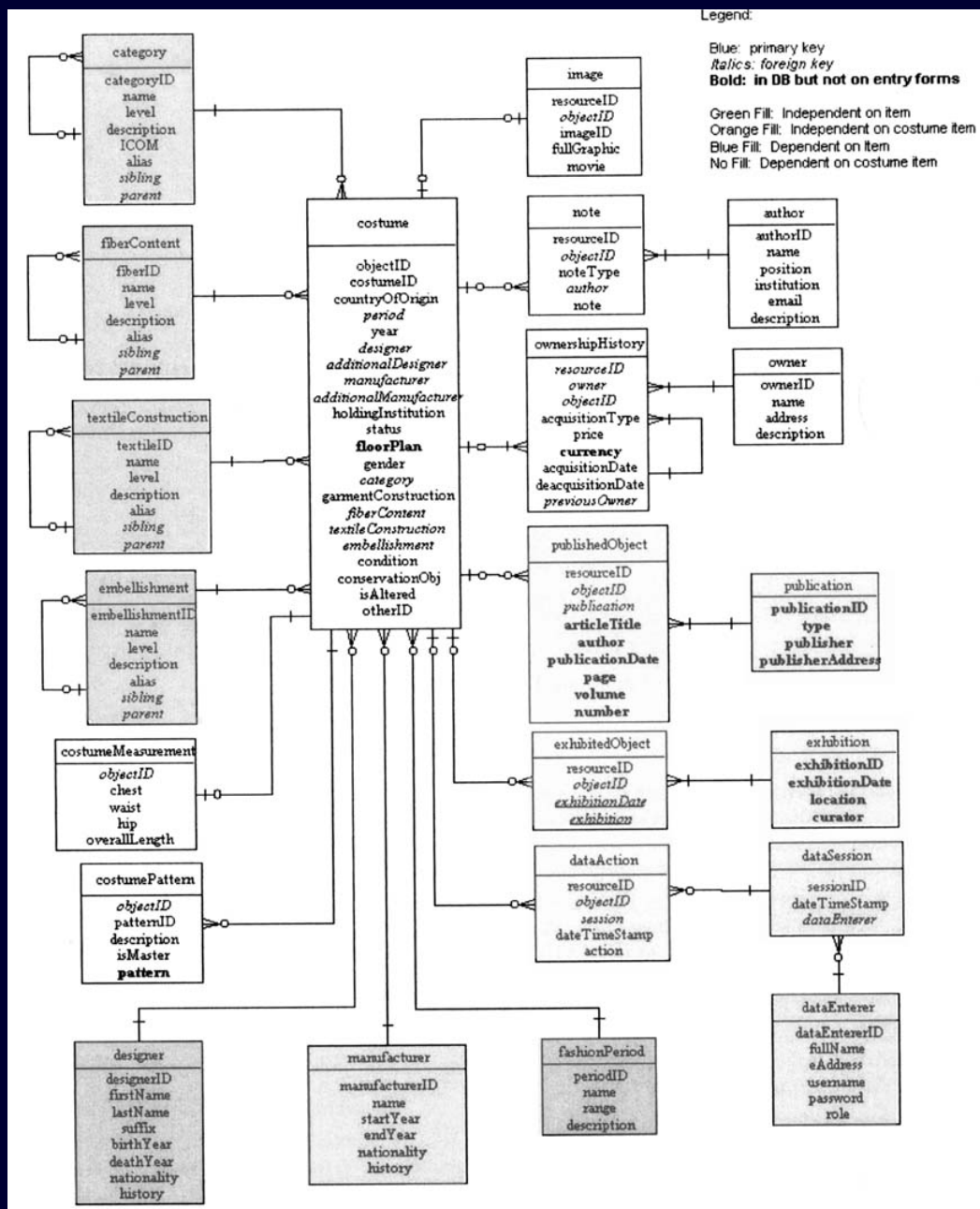
- Apron
- Bias
- Blouson
- Buba
- Buffant

# Drexel Historic Costume Gallery website

- Merge terminology from historic costume scholars and contemporary fashion design
- <http://digimuse.cis.drexel.edu/>
- Visual metaphors
- QTVR samples

# Funding

- Barra Foundation
- William B. Dietrich Foundation
- Private benefactors



# References

Kitchens, S. A. (1998). *The QuickTime VR book*. Berkeley, CA: Peachpit.

Martin, K. (2004). The role of standards in creating community. *Proceedings of the 13th International World Wide Web Conference on Alternate Track Papers & Posters*, 35 - 40. Retrieved January 30, 2008. doi:10.1145/1013367.1013374

Martin, K., Lin, X., & Lunin, L. (2003). User centric design and implementation of a digital historic costume collection. *Proceedings of the American Society for Information Science and Technology*, 40(1), 280 - 290. Retrieved January 30, 2008. doi:10.1002/meet.1450400135