Re-Thinking Information in the Context of *The Soap Factory Simulator*

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**??A Multitude of Questions??**

- What will the sources of information be?
- What information needs to be documented or captured?
A Multitude of Questions?

Cont’d

- When and how will information be displayed?
- How will information from multiple sources be assimilated?

What Will the Sources of Information Be?

- Other databases or authorities
- Existing information in the Soap Factory Simulator’s database
- New information generated by the show
  - The show as a cohesive unit
  - A particular art object within the context of the show
### What Information Needs to Be Documented or Captured?

- Works of art
- Contributing artists
- Curator(s)
- Gallery or museum
- Show Dates
- Much, much more

### When and How is Information Displayed?

- Displayed when prompted by some kind of action in 3-D environment
  - Pop-up windows
  - Via audio
- Let the user decide
  - Virtual tour guide
  - Virtual computer screen
When and How is Information Displayed? *Cont’d*

- Need to determine how users will be able search past shows
- Need to decide how search results will be displayed
- Software, like Maya with Jitter, could be used to alternate the information and make it an interactive display

How Will Information from Multiple Sources Be Assimilated?

- A metadata structure will be selected
- A data schema, like XML will be selected
- Each host database’s data will be normalized
How Will Information from Multiple Sources Be Assimilated? Cont’d

- Parsed data will be placed into the XML template
- Administrative metadata necessary to bind objects together

Challenges to Address

- Making new and existing information mesh together
- Retaining the right documentation, so shows are recreated accurately
- Creating user-friendly displays and educational tools in a 3-D environment
Challenges to Address,  Cont’d

- Providing the user with needed information
- Selecting the appropriate data schemas and metadata structures that will normalize information from multiple sources and support desired search and display functions

Thank You