Case Study Models

Carolyn Petrie
Natalie Catto
InterPARES 2
What is modeling?

According to the InterPARES terminology database...

- ...there is no definition provided!

- A model is a means by which one can visually map those activities that produce records as by-products
What kind of modeling do we use?

- IDEF0 standard
- Determine activities and their "children", or sub-activities
- Enter the following:
  1) inputs: what triggers/transforms the activity
  2) outputs: what is the result of the activity?
  3) controls: what controls the activity?
  4) mechanisms: what is needed to perform the activity?
What is the purpose of modeling?

- It aids in understanding how, why, and what documents are generated.
- It identifies the main actions of a case study and breaks them down into activities.
- It provides researchers with clarification of a creator’s procedures.
What are we doing?

- Started with the diplomatic analyses of the InterPARES 2 case study final reports
- Then began modeling the case studies, based on these analyses
- Thus far, ten out of twenty-one case studies have been “modeled”
  - Some of these are preliminary
How are we using the models?

- To demonstrate the procedural context as determined by the diplomatic analyses
- To determine what potential records exist
- Will be used, with the diplomatic analyses, as the basis for completing the Domain 3 Template
  - The template identifies the characteristics of entities, their authenticity, accuracy, reliability, and preservation needs
Examples of models...

- Archives of Ontario Website Exhibits (CS09)
  - Models the activity of creating a web exhibit

- Waking Dream (CS15)
  - Models the activity of creating the Waking Dream performance
What have we learned?

- That modeling is best done as a group
- That modeling in the e-arts environment is much harder than in e-sciences and e-government
  - It has no required/established work-flow
- That it is often very difficult to identify the 6 phases of procedure
  - Because of incomplete case study reports
  - Because of creative aspect of several cases
How does modeling apply to SLAIS?

- Heightens our ability to analyze and represent information in a concise manner
- Helps us think functionally about the way records are created
  - Better understanding of workflow and business procedures
- Allows us to apply our understanding of Diplomatics to current records & systems
Questions?

- Check out the IP2 website for more examples of models and diplomatic analyses

- Find out how you can model too!