

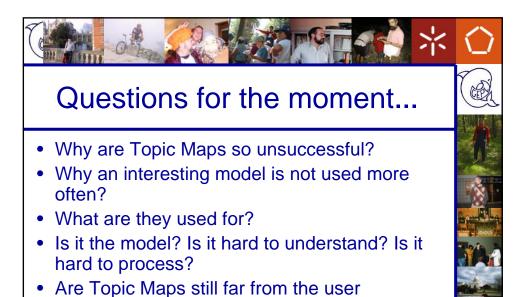


## Motivation or ...!?



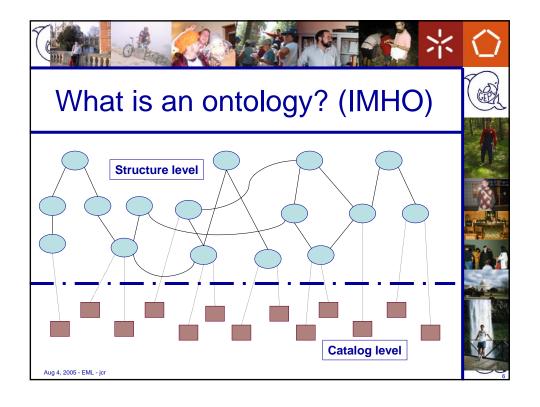
- Constrains... Why?
- Is a Schema a Constraint Language?
- Creating a new language ... Why?
  - We are always creating new DSL arguing that we will hide complexity
  - Aren't we introducing complexity?
- If you found interesting answers to the questions above you can try answering the next one:
  - How should we implement this new language?

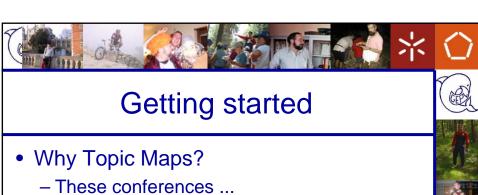
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comunity? Is there a gap to be filled?

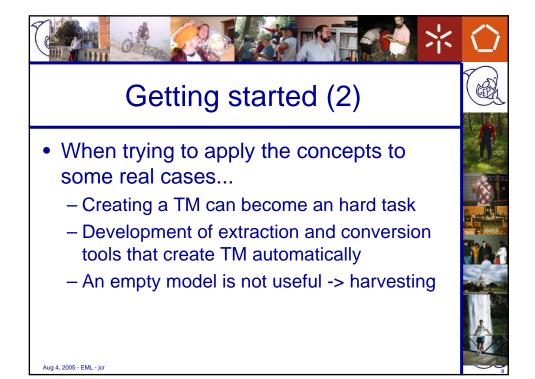


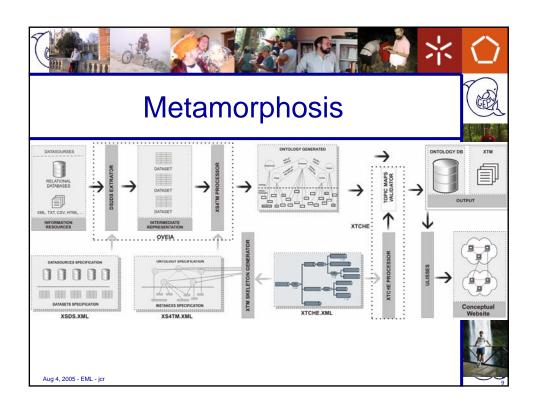


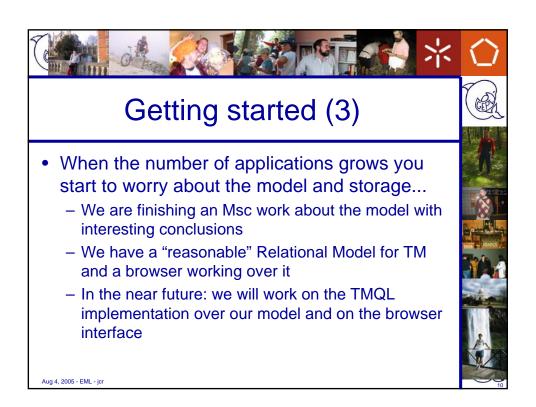


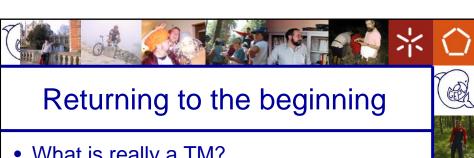
- Creating a TM is not so easy!
  - Development of some editing tools and methodologies
  - Development of some browsers

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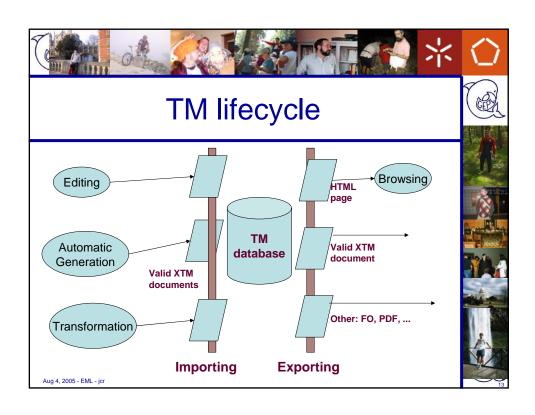


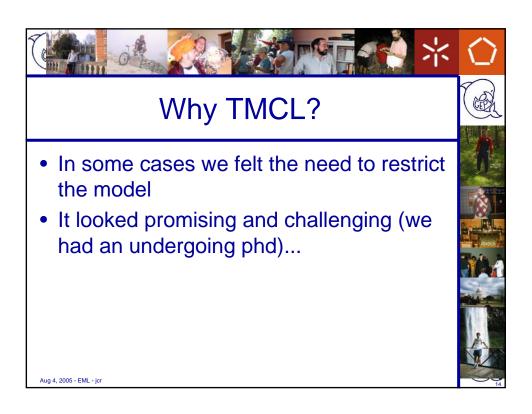


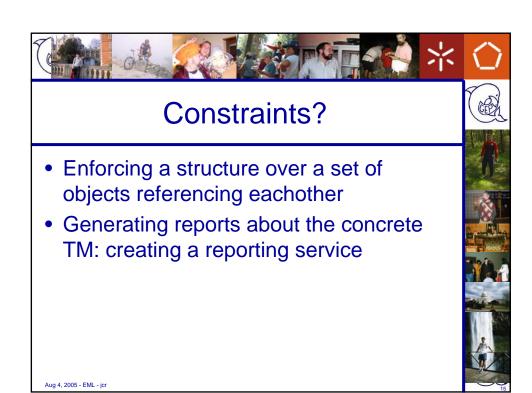


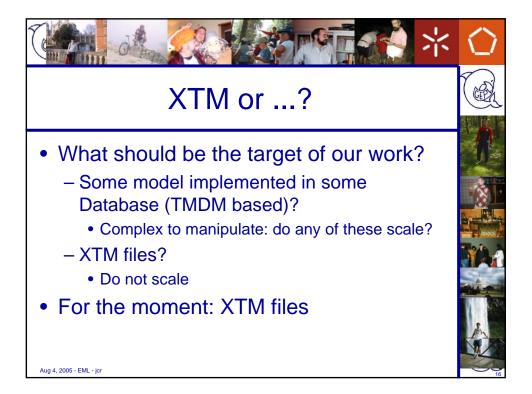
- What is really a TM?
  - According to the XTM DTD
    - · A list of ... Topics, associations, ocurrences
    - Everything else is constructed by reference
    - It is easy to get lost in a TM!
  - That DTD is completely abstract
    - There is room for "Specific Semantic Networks Schemas"







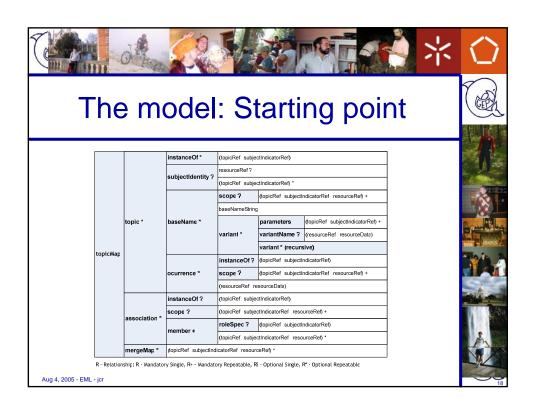


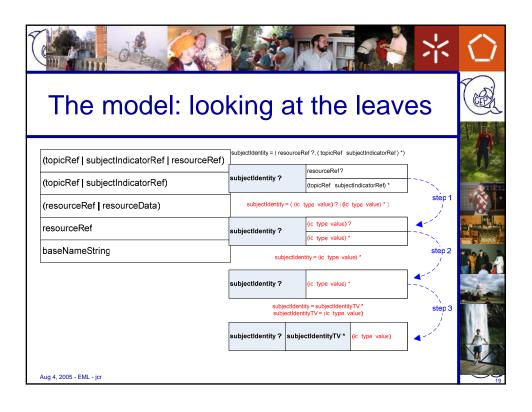


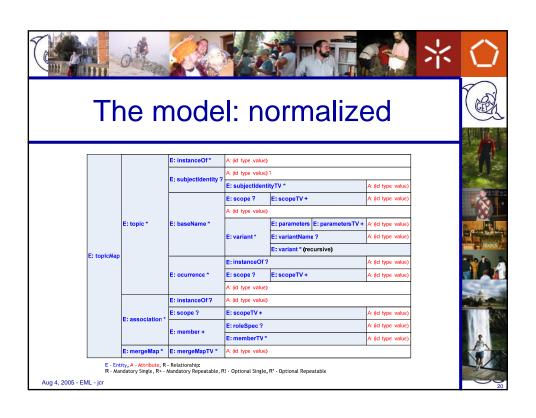


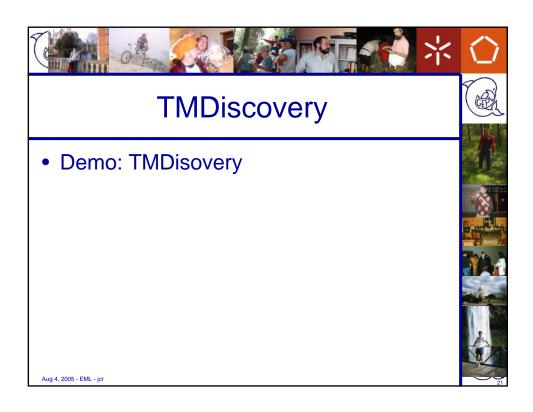
- Msc thesis: TM Repository Specification and Implementation
  - Starting goal: take XTM and try to simplify it;
    compare the result with TMDM; create a relational model; test it and reason about it.
- Eureka project: Information Knowledge Fusion
  - XTM, OWL, RDF, IKF-Imodel

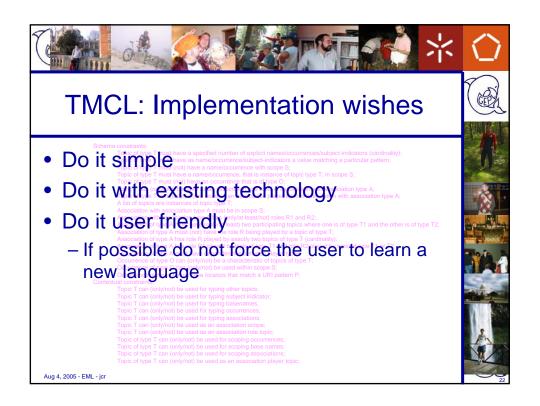
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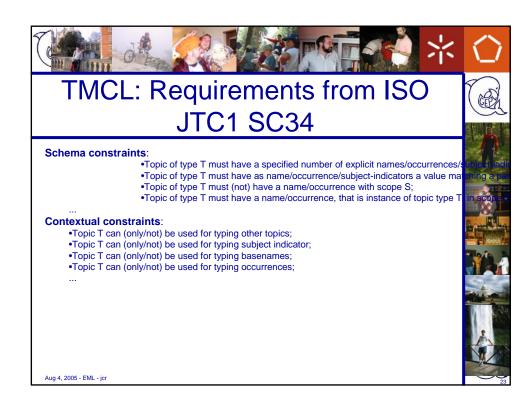


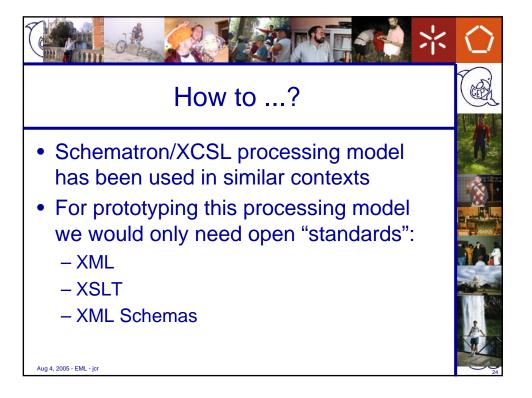


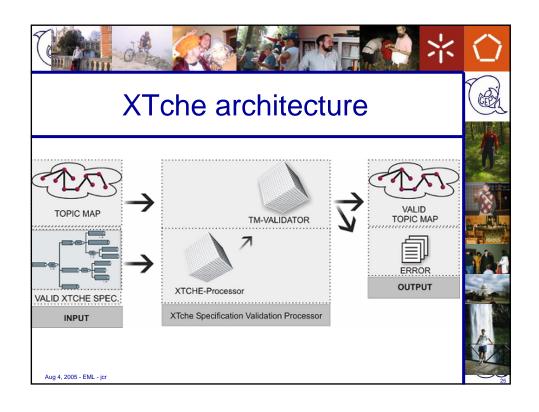


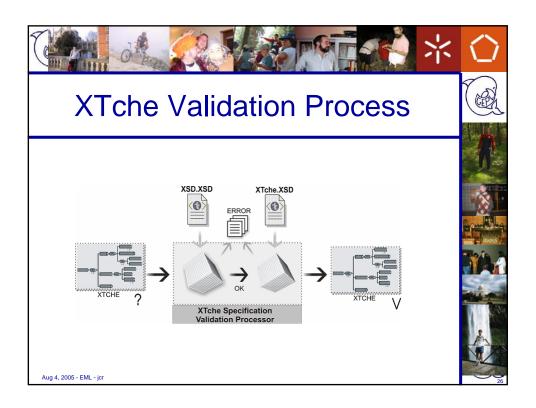


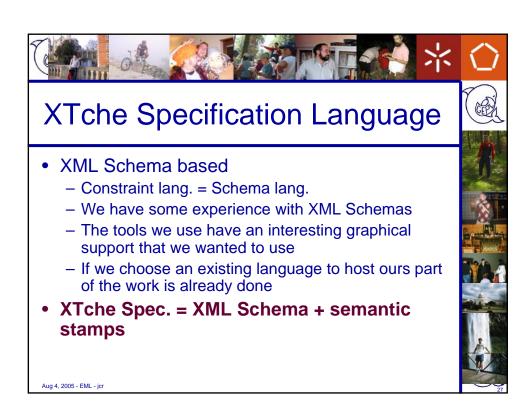


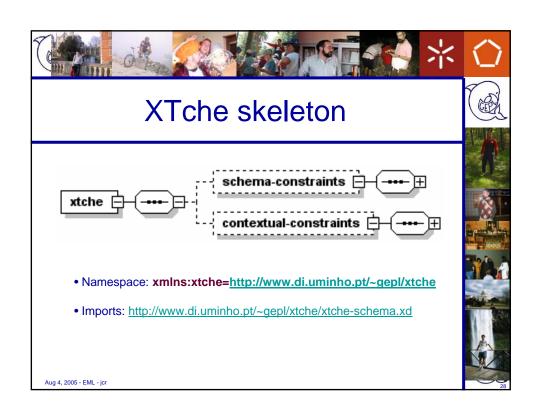


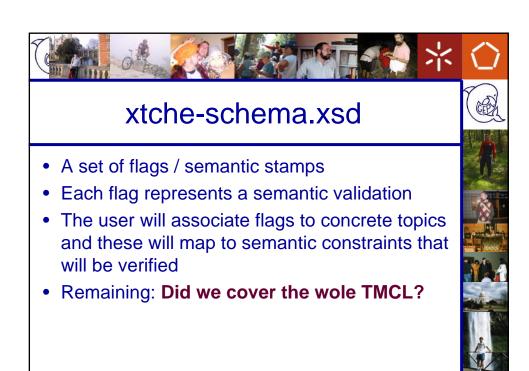




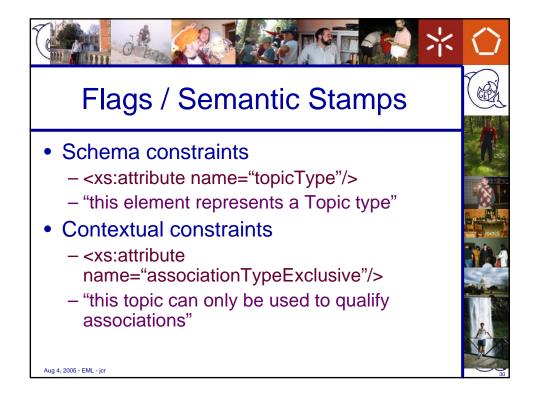


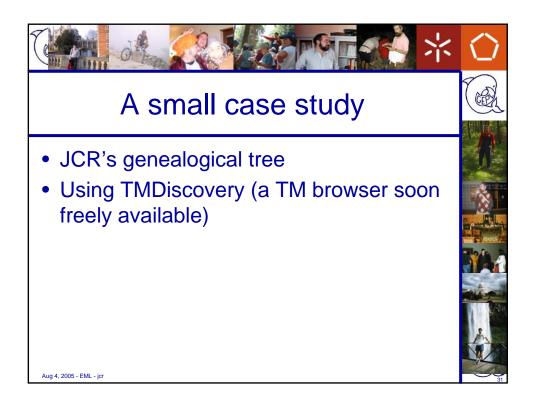


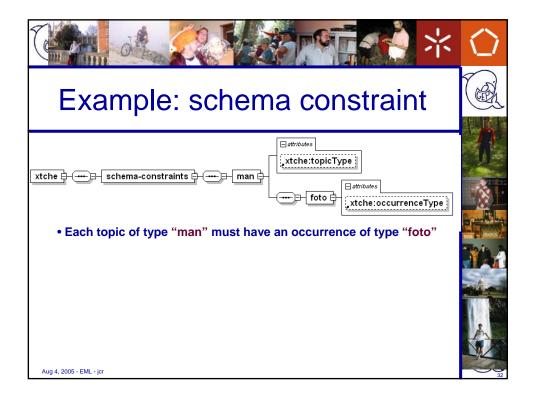


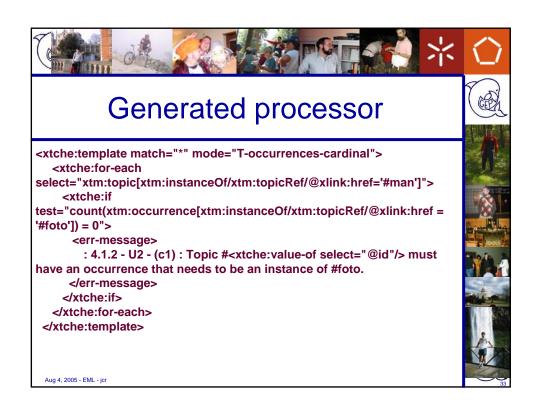


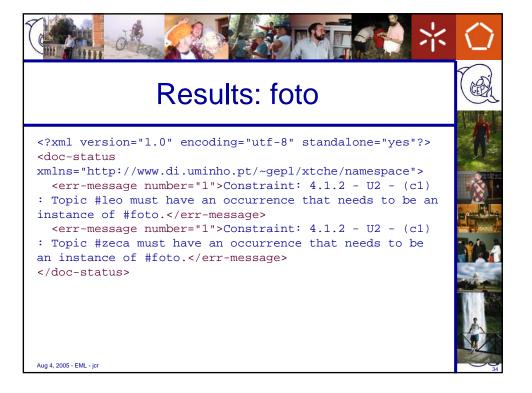
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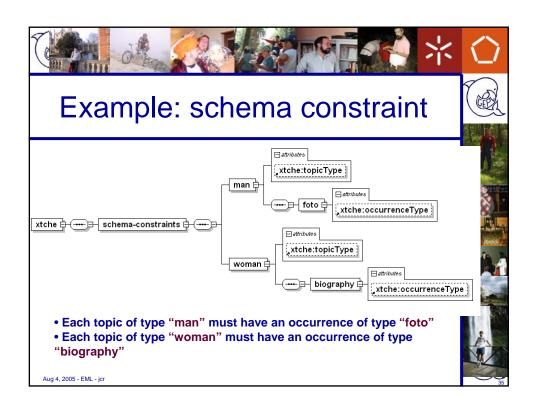


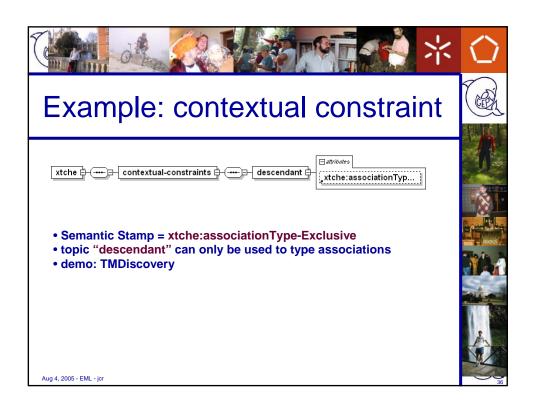


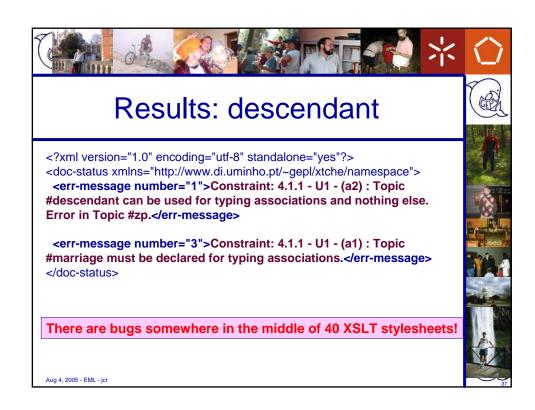


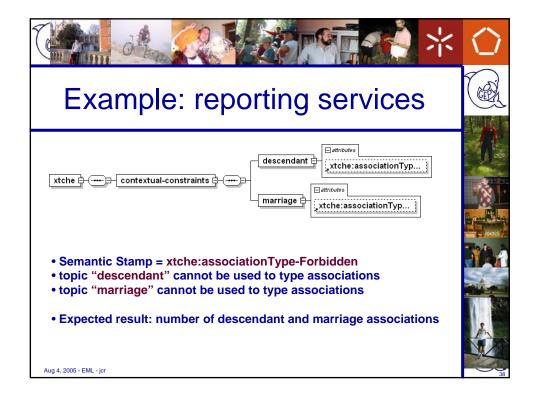




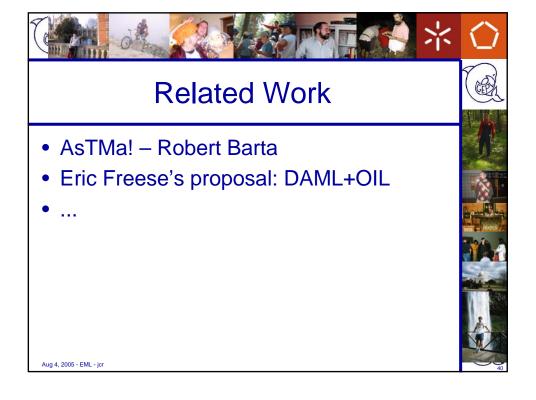


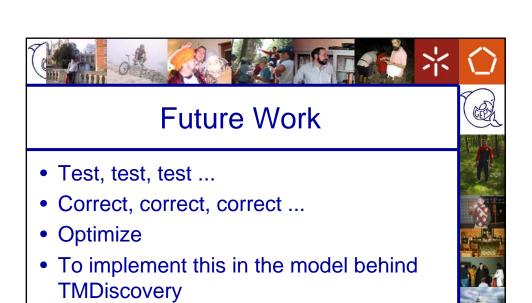












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