

# data merge guidelines/steps

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# metamodel

- concepts, model
- representation, implementation
- analysis, presentation

# concept/model

- modeling
  - flat concept identification
    - identify concepts in area of interest
    - identify concepts in source(s)
    - identify identical and new concepts
    - be clear what are classes and what are instances
  - structured concept organization
    - identify appropriate ontologies

# concept/model

- modeling
  - problems
    - which IDs to use?
    - what does maps\_to mean?
- data aggregation
  - should be trivial with right model, IDs, and defined mappings

# representation/implementation

- representation (given: graph)
- implementation (given: RDF)
- serialization (?)

# analysis/presentation

- analysis
  - browsing
  - drill-down
  - statistical analysis (very little talked about; tie-in not explored; we should spend most of our time here)
- presentation
  - (depends on user understanding of subject and should provide clear access to answers to original questions or new insights; tie-in to graphical presentation not well explored)