



OVERVIEW

1. Inputs / outputs [costs, centered around metadata generation and use]

* Dryad's functionality, use, and success

2. Thresholds

2.1 What is the maximum depositor responsibility, without discouraging them?

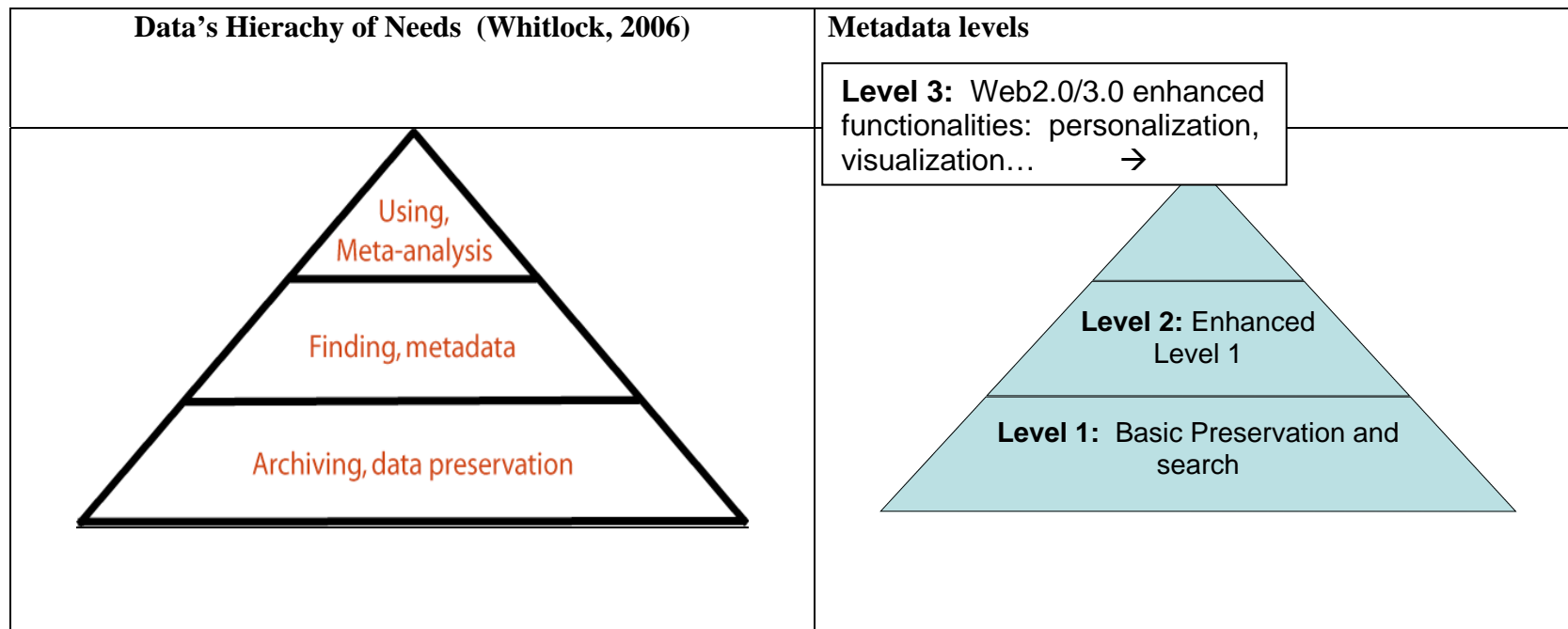
2.2 Given Dryad's goal to minimize depositor burden and maintain quality:

a. Which metadata/curation activities might you trust to automatic metadata generation?

b. Which curation activities need to be overseen by information specialist (e.g., librarian, graduate student in this area)

3. Search, find, retrieve and use

3.1 What metadata is significant for searching, finding, retrieving and using Dryad data objects?



1. Level 1: Basic acquisition and preservation functions (\$)

- Authors and depositor name
- Filling in mandatory fields
- Minimal authority control (standardization of variant forms of author names)

EXAMPLE: T. Vision, Todd J. Vision, T.J. Vision

(Benefits: Provides consistency, interoperability, and collocation (more thorough retrieval of related data sets))

~ Current: 1 hour for curation; 15 minutes per metadata record for authored documents at NIEHS,

2. Level 2: Enhanced level 1 (\$\$)

- Authority control, use of control vocabularies, ontologies, authority files
- Authority control for people, organizations, topical concepts, geographic locator concepts
- Capture more complex relationships that among data objects (data object was used, reused, merged, extended, etc. in relation to publication/s)

3. Level 3: Next generation/Web 2.0/3.0 functionalities [some ideas] (SS\$)

- Semantic web – deep interconnectivity, *linked data*
- Personalization, query results, workflow “macros”, user interface manipulation
- Virtual societies utilizing “social tagging” / Folksonomies
- Integration and extension of existing ontologies [HIVE--Helping Interdisciplinary Vocabulary Engineering]
- Visualizations: topic clustering data relationships

<p>Curation: Collecting, preserving, archiving, and providing access to digital data stored in Dryad</p> <p>Curator: Generally an information specialist who has knowledge of and experience working with information standards Dryad depositors perform some curation tasks Software aids curation</p> <p>Data curation tasks / quality control ~ Maintain documentation of cataloging/curation policies</p>	<p>Quality Control Measures</p> <ul style="list-style-type: none">▪ Completeness▪ Accuracy▪ Conformance to standards and user expectations▪ Timeliness (current terminology)
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