

# **A Digital Library Architecture For UVA**

**DLF Spring Forum**

**April 19,2004**

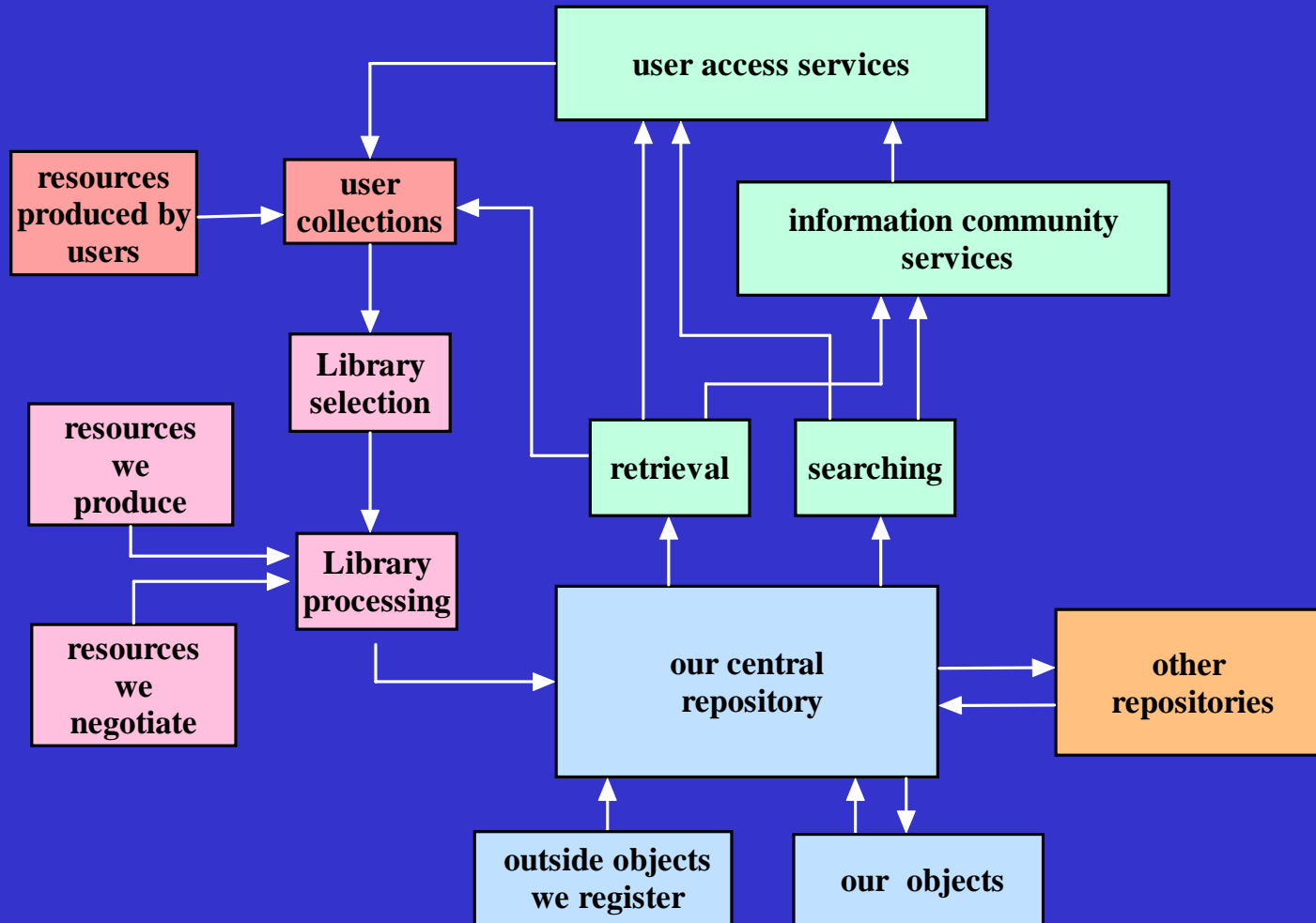
# Digital Library Assumptions:

- All media, all content types integrated into one collection
- A network that is built to be a part of a global network
- The global network will be built by corporations, governments and libraries
- Searching and browsing are equally important

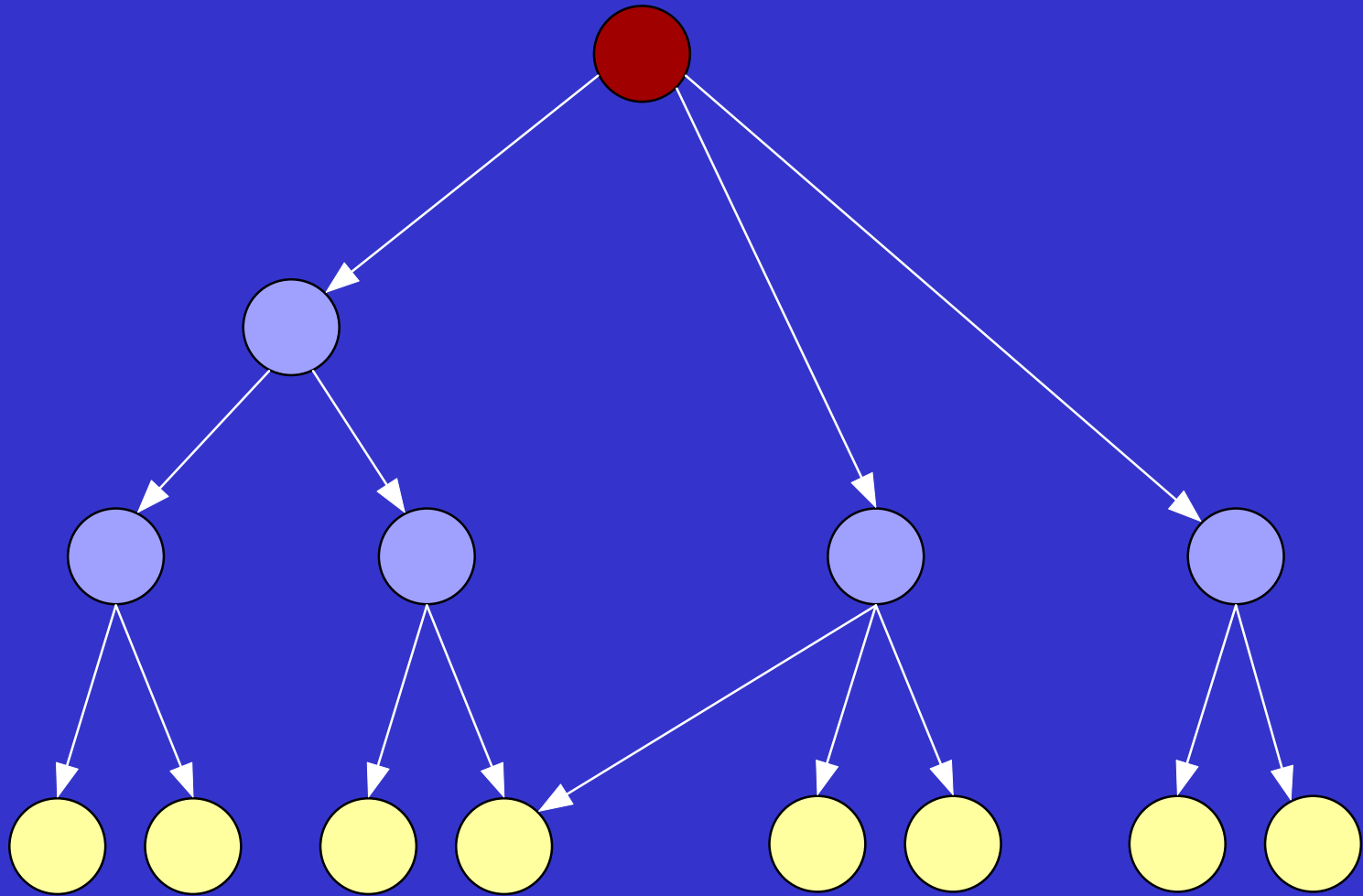
# Digital Library Assumptions (cont.):

- We will provide to tools to make sophisticated use of our collections
- Any given resource can be presented in any number of contexts
- Increasingly, we will be faced with born-digital materials
- This is going to take a very long time ...

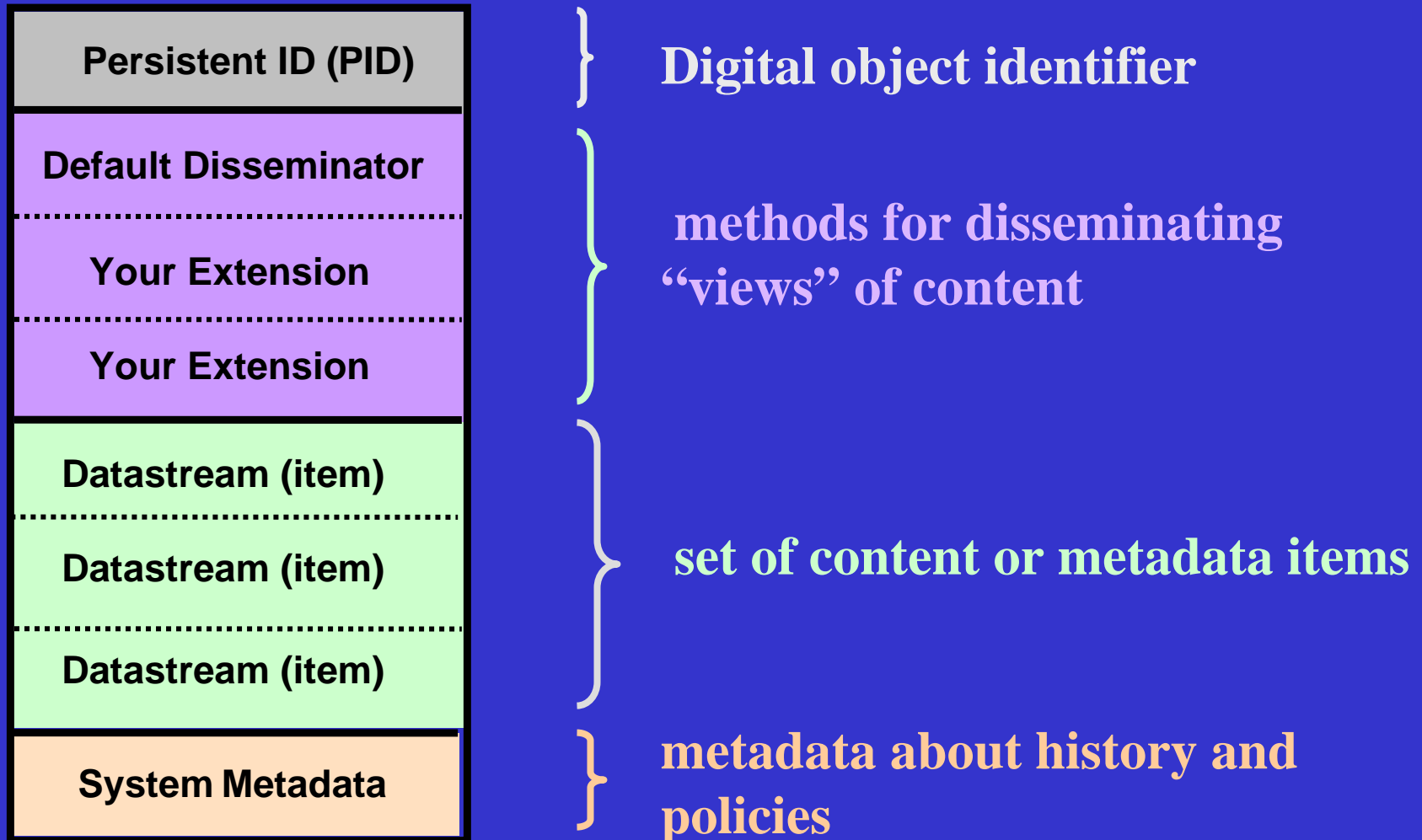
# The Big Picture



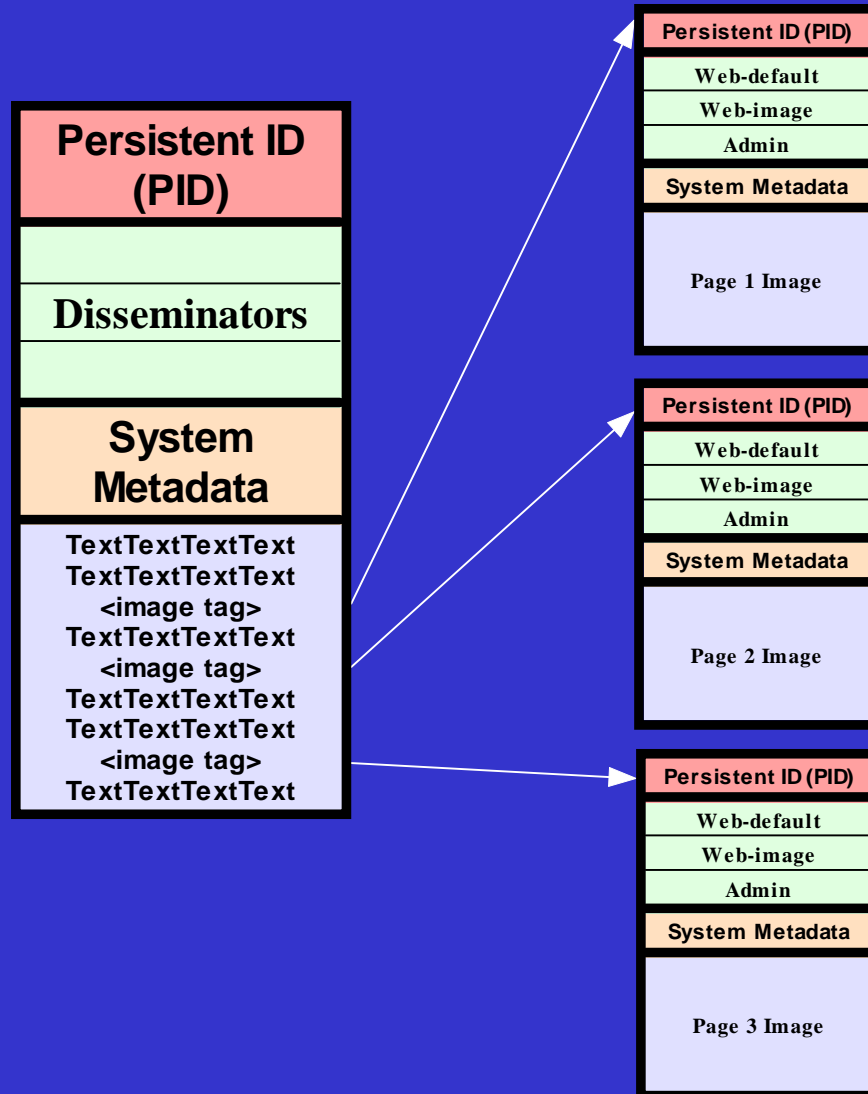
# The digital library as a network



# A data object is one unit of content.

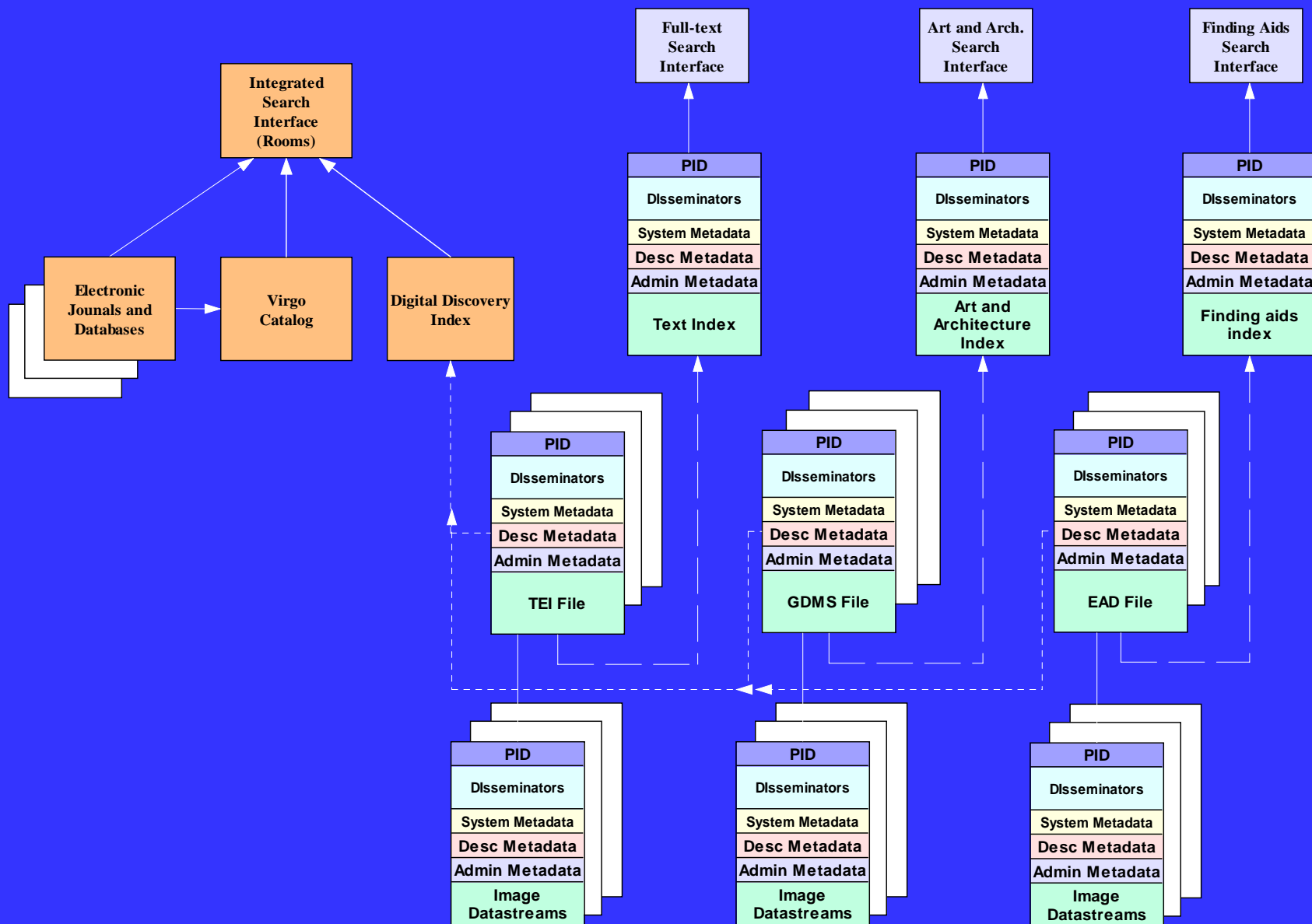


# Explicit Relationships

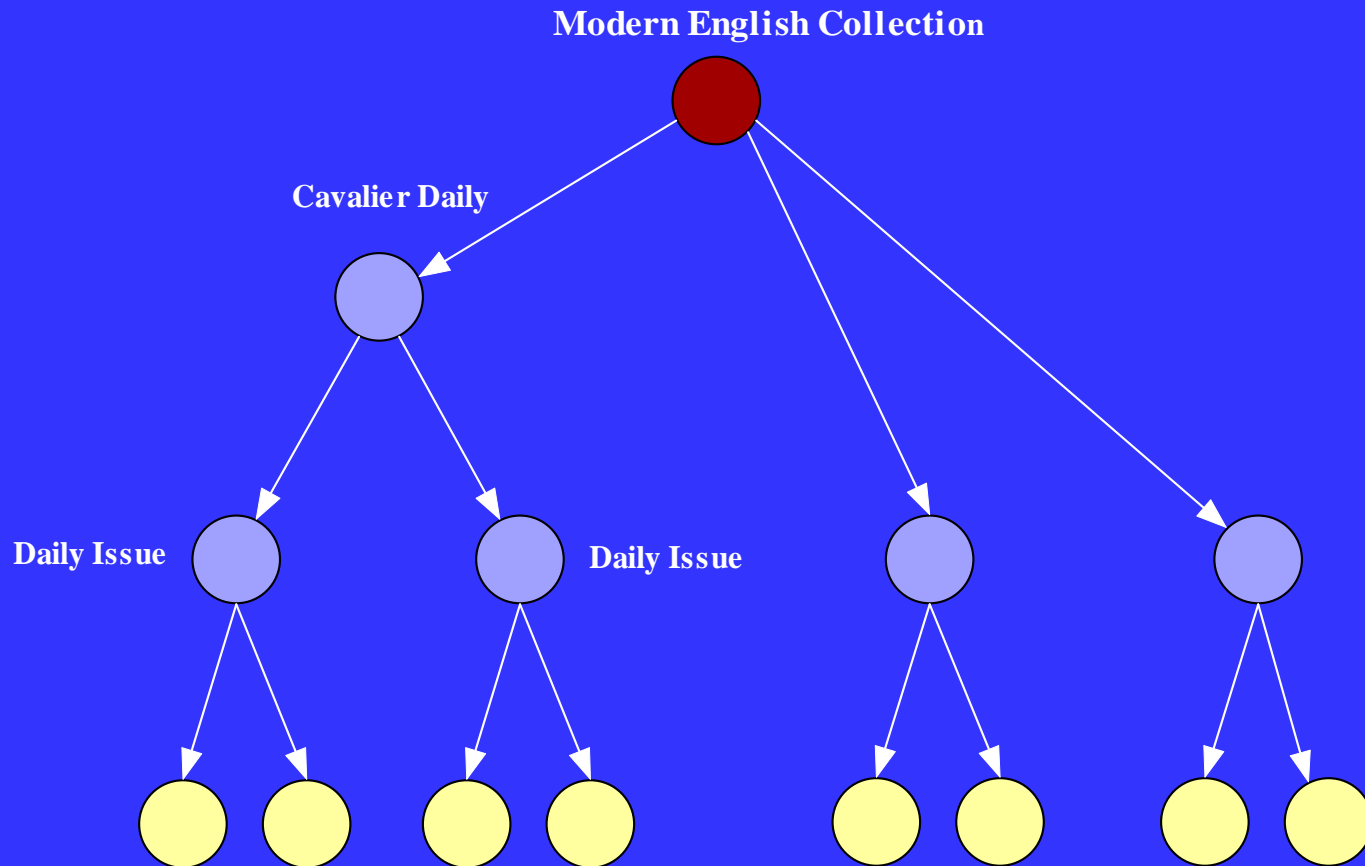


# Implicit Relationships

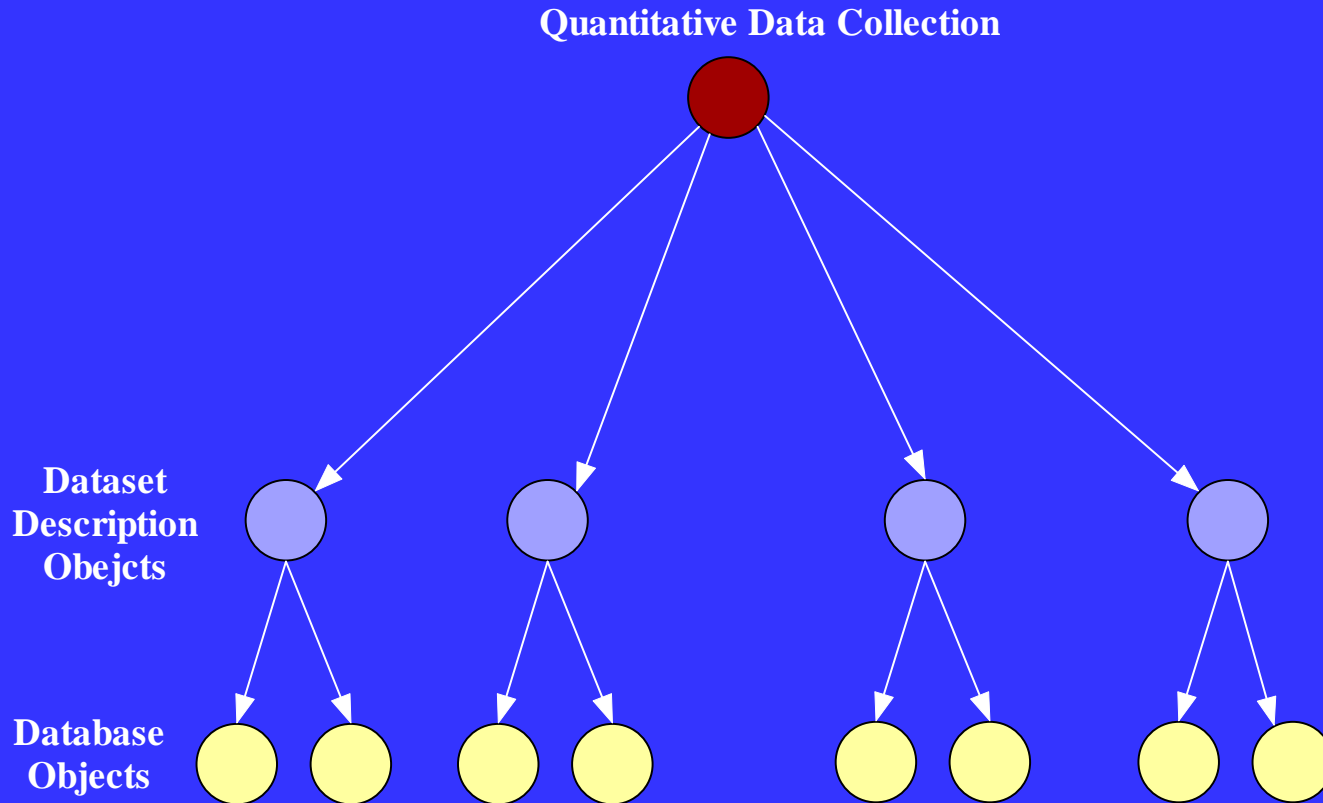
- Defined by rules, i.e XPATH statements
- The PID of the parent is in the child's metadata
- Child objects are assembled at dissemination time
- Child objects can respond to more than one parent



# Explicit Data Modeling



# Quantitative Data Collections



# Collecting Scholarly Projects

