# Sets, Hypers, and Yarn

Daniel Krech Repository Development Center Library of Congress

# Development Center

works with people from various groups who are managing collections

develops applications and services

does research and development



#### Sets

- Humans interacting with data to maintain collections of items
  - by making assertions

Data service for managing collections of items



# Hypers

Computers bring us into the world of the abstract

• graph theory, set theory, knot theory, ...

Generalization or simplification of a hypergraph





### Yarn

## Thank you

dkre@loc.gov