

# Microservices

## Object Modeling

- Merritt Object Modeling

## Identity Services

- EZID
- ARK: Archival Resource Key
- NOID: Nice Opaque Identifier (Minter and Name Resolver)
- N2T: Name-to-Thing
- Identifier Conventions

## Storage Services

- Storage
- CAN: A Simple File System-Based Object Store
- D-flat: A Simple File System Convention for Digital Object Storage
- PairTree: Object Storage
- ReDD: Reverse Directory Deltas

## Ingest Services

- Ingest
- BagIt

## Inventory Service

- Inventory

## Fixity Service

- Audit

## Characterization Services

- JHOVE2
- Unified Digital Format Registry (UDFR)

## Access Services

- LDAP-Based Access Control

## Common Tools

- ANVL : A Simple Record Syntax
- Checkm: A Checksum-based Manifest Format
- Datenorm: Date normalization
- ERC : Electronic Resource Citation and Kernel Metadata
- Namaste: Directory Description with Namaste Tags
- THUMP: The HTTP URL Mapping Protocol