HELMHOLTZ METADATA COLLABORATION (HMC)

• HMC provides comprehensive services, consulting, information and tools for efficient metadata management
• Development of a distributed, shared, integrated service landscape for the Helmholtz Community based on international recommendations and developments
• Assistance in integrating services and best practices into lab workflows

Structure:
1. Central HMC Office:
   Sustained coordination and teaching
2. Enabling FAIR:
   Technical perspective
3. Metadata Hubs:
   Solutions → Lab
ENABLING FAIR

Components and Processes

PID management

Interfaces Protocols

Ontologies

Tools and Services

Editors and Catalogues

Recommender Mapper

Provenance

local IT services
HMC HUBS

➡ Coordination
  • Community Building
  • Internal and international Networking

➡ Knowledge Transfer
  • Building information portals and a map of experts
  • Domain specific teaching
  • Consulting

➡ Components and processes
  • Building an infrastructure to capture data records in the domains
  • Specific topics: Interfaces, tools, metadata standards, quality assessment, …