

# Hoppla

Andreas Rauber,  
Florian Motlik, Petar Petrov, Stephan Strodl

Department of Software Technology and  
Interactive Systems  
Vienna University of Technology

# Hoppla

- Archiving Solutions for
  - SME
  - SOHO
  - Private Users
  
- **H**ome
- **O**ffice
- **P**ainless
- **P**ersistent
- **L**ong-term
- **A**rchiving

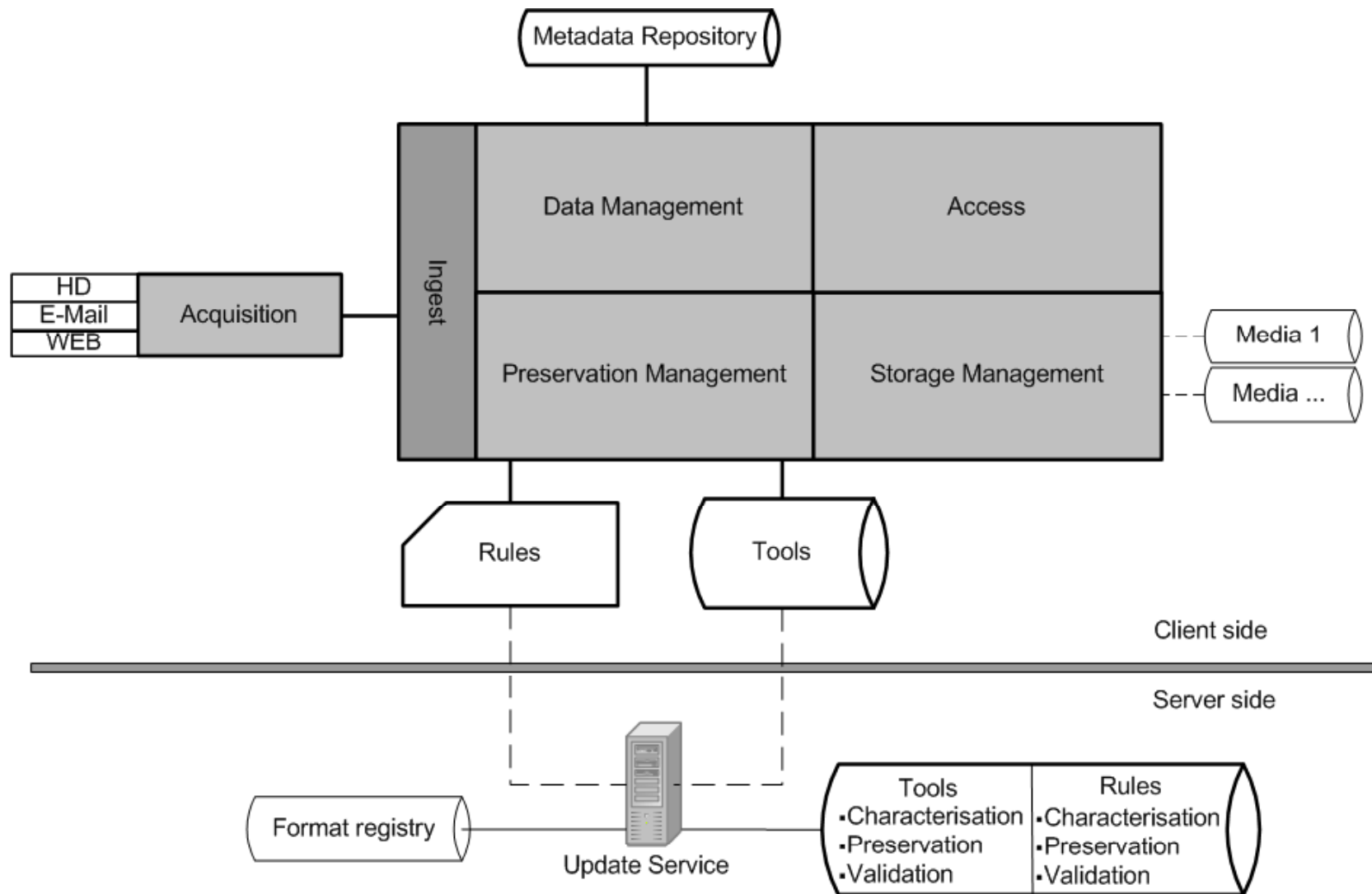




# HOPPLA Principles

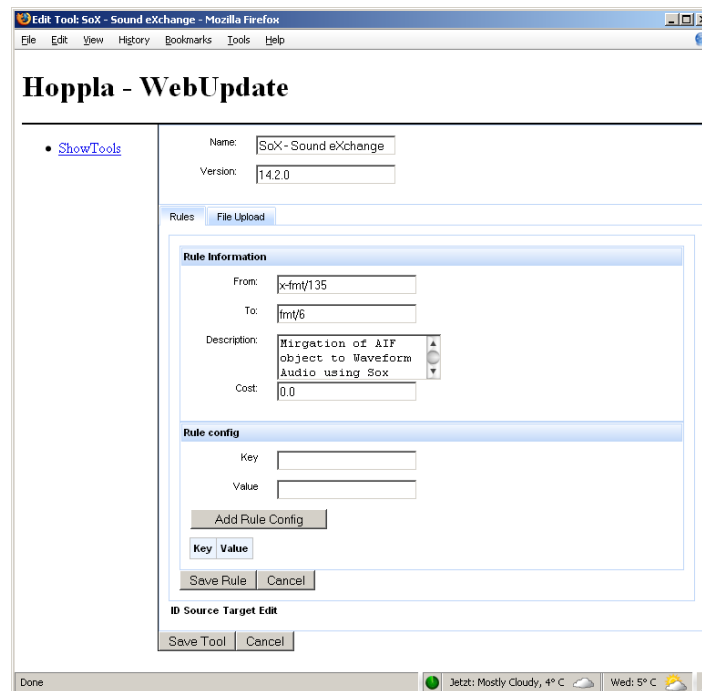
- Need for bit-stream and logical object preservation
  - combine back-up and migration
- No expertise on and effort for digital preservation issues
  - fully automatic solution outsourcing DP expertise, inspired by current antivirus solutions
- Stability and system independence
  - rely on plain file system storage with redundant XML metadata
- Trust and accountability
  - aim to fulfill core requirements of audit and certification initiatives
- Privacy
  - data resides with users, control over information sent to server

# HOPPLA Architecture



# Preservation

- Collection information is sent to Web-Service
- Web-Service returns plan to migrate objects
- Tools are automatically downloaded and used to migrate objects





# HOPPLA

- Based on research initiated in Planets
- Development of prototype within DME
- Further information:

<http://www.ifs.tuwien.ac.at/dp/hoppla>

