Web Intermediaries (WBI)
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Intermediaries
- Intermediaries: New control points
  - Customization
  - Annotation
  - Collaboration
  - Transcoding

WBI Status
- Productization
  - NCSD transcoding backbone
- alphaWorks WBI Dev Kit
  - developer awareness
  - licensing opportunities
- Research
  - new applications
  - scalability, security

WBI Architecture
- Transport (Medium)
- Protocols (Language)
- Content Types (Messages)
- Intermediary Architecture (Mechanism)
  - Building a good intermediary is difficult
    - reliable, high performance, portable
  - Separate apps from low-level details

Specialist Dictionaries

Traffic Lights
- More information than original author
- Provide new resources

Advisors

Annotation

Server Navigation

XML Transcoding
Decouple information/presentation
Preferences from user/device/content

Collaboration
Web becomes social place
Awareness and interaction

Personal Books

WebPlaces

Personal History
Customization
- Personalize
- Maintain state and history
- Build and leverage user models

Patent Server

Shortcuts
- Faster access to resources

Device Transcoding

Intermediaries Everywhere

Intermediaries: New control points
- Customization
- Annotation
- Collaboration
- Transcoding