Web-based Image Access (WIA) (formerly known as MHD-I)

Kinson Ho
Solution Architect, Change Healthcare
IHE Radiology Technical Committee Co-Chair
Web-based Image Access (WIA) Profile defines methods for image sharing and interactive viewing of imaging studies using RESTful services such as WADO-RS and QIDO-RS.
Value Proposition

Web-based Image Access (WIA) Profile defines methods for image sharing and interactive viewing of imaging studies using RESTful services such as WADO-RS and QIDO-RS.
Key Use Cases

• Image Sharing
  • Use QIDO-RS to discover studies
  • Use WADO-RS to retrieve studies

• Interactive Viewing
  • Use QIDO-RS to discover studies and retrieve additional series/instance metadata
  • Use WADO-RS to retrieve specific images
Technical Highlights

• Neutral about backend image sharing infrastructure
  • XDS / XDS-I
  • DICOM / DICOMweb
• Integrate with ITI MHD
  • Enable Document Consumer to locate and interact with imaging studies more efficiently using document metadata
Public Comment

• Currently a work-in-progress
• Expected to be ready for public comment soon
Questions

- Kinson Ho (kinson.ho@mckesson.com)
- IHE Radiology (radiology@ihe.net)