

# FDA Pilot Project

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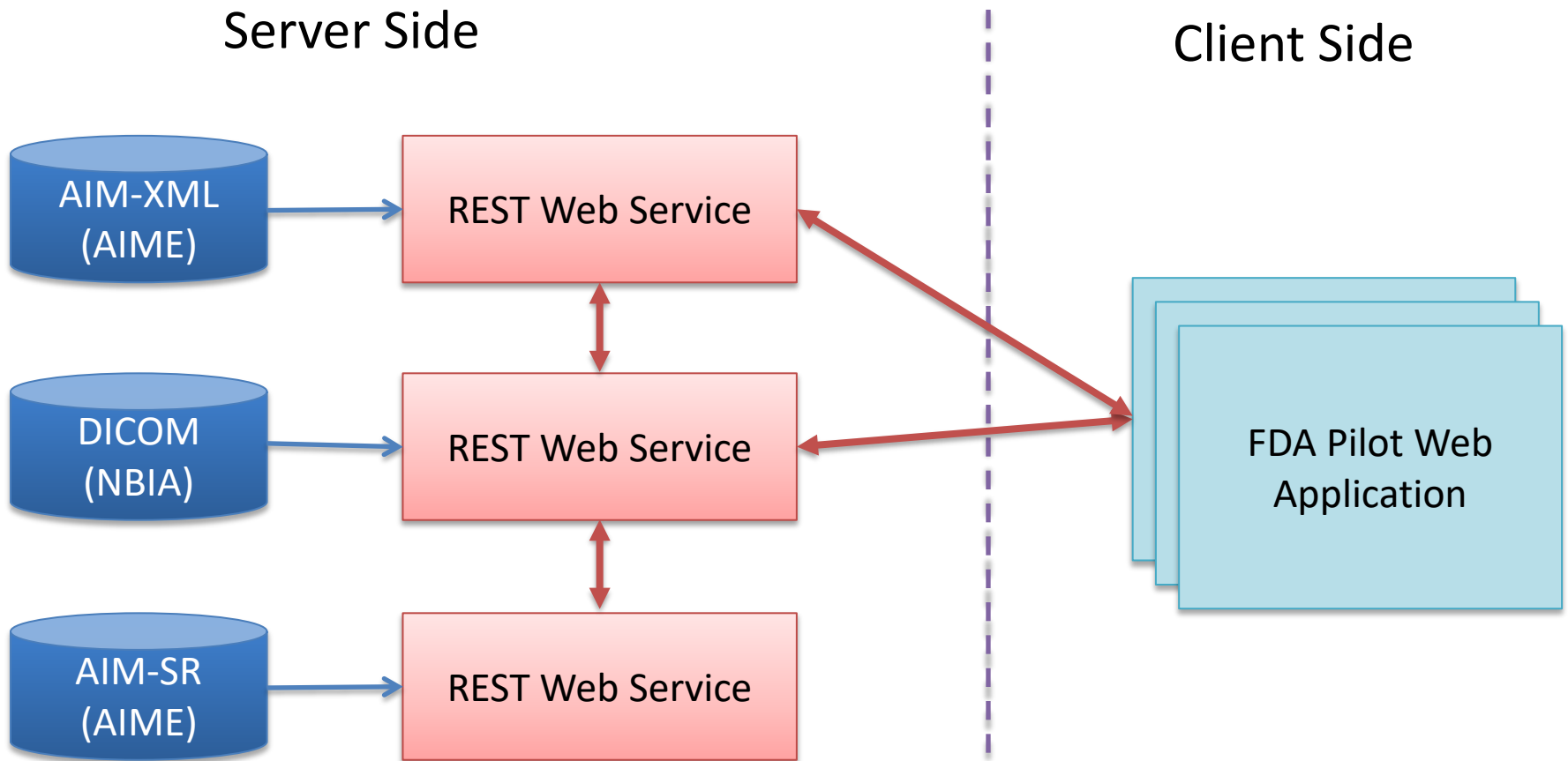
# Overview

- Motivated by a need for better management and utilization of imaging data at the FDA
  - Typically the observations are on CRFs while the images are on CDs — no good way to validate and verify
1. Provide ready access to source imaging data
  2. Integrate with observations
  3. Support federated query of images and observations

# Scope

- Standards
  - DICOM Images
  - AIM XML & SR annotations
- Data Sources
  - NBIA — to store and manages DICOM studies
  - AIME — to store and manage AIM XML & SR annotations

# Architecture (Logical View)



# Technologies

- Project Bindaas
  - Develop RESTful web services for data sources
  - Support server side data federation and federated queries
  - Convert data to browser aware formats
- NBIA
  - Manage DICOM studies
  - Potentially provide WADO service
- AIME
  - Manage AIM objects (XML and SR)