US Office of National Coordinator
Standards and Interoperability (S&I) Framework

S&I Simplification Work Group
End-to-End Demo

HL7 Working Group Meeting

19-24 January 2014

San Antonio, Texas

S&I Simplification WG @ HL7 in San Antonio
UCAT End-to-End Demo

- Use Case Authoring Tool (UCAT) - supporting full S&I Use Case Template - LRI example
  - Prometheus - Ready to demo
  - Enterprise Architect – Demo status TBD
- Use Case File Exchange - based on draft NIST specification
  - Template rendering - .pdf, .html
  - Computables rendering - .json
- Links to:
  - ISO/HL7 10781 EHR System Functional Model Release 2 - Use Case Events/Actions to related EHRS functions
  - ISO/HL7 16527 PHR System Functional Model Release 1 - Use Case Events/Actions to related PHRS functions
  - Federal Health Information Model - Use Case Data Objects to related FHIM Data Objects - to HL7 v2, CCD, CCDA, FHIR
- Outputs full Use Case to:
  - AHRQ/US Health Information Knowledgebase (USHIK)
  - NIST Implementation Guide Authoring and Management Tool (IGAMT)
  - NIST Test Case Authoring and Management Tool (TCAMT)
  - Another UCAT

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UCAT End-to-End Demo

Use Case Authoring Tool (UCAT)
- Prometheus Use Case Editor
  (Ready to Demo)
- Enterprise Architect
  (Demo Status TBD)

Lab Results Interface (LRI) Example

Outputs Full Use Case

AHRQ – US Health Information Knowledgebase (USHIK)

NIST – Implementation Guide Authoring and Management Tool (IGAMT)

NIST – Test Case Authoring and Management Tool (TCAMT)

Another UCAT

Links to Data Objects

Links to EHR/PHR System Functions

Federal Health Information Model (FHIM)

ISO/HL7 10781 EHR System Functional Model R2

ISO/HL7 16527 PHR System Functional Model R2