



Integrating
the Healthcare
Enterprise

Kokous 2.12.2015

08:15 – 08:30	Aamiainen
08:30 – 08:45	Tilaisuuden avaus ja esittely
08:45 – 9:30	Kuva-arkiston toteutusprojekti -Tarja Herttuainen
9:30 – 10:20	IHE toimintasuunnitelma 2016 – Konstantin Hyppönen
10:30 – 11:30	CASE Region Sjælland – Kristian Skotte

Esittely

- IHE Finland-järjestön esittely
- Osallistujien esittely

Kuva-arkiston toteutusprojekti

- Kelan Tarja Herttuainen esittelee määrittelyjen tarkennukset ja kuva-arkiston rakentamisvaiheet

IHE 2016 Toimintasuunnitelma

- Konstantin Hyppönen
- https://docs.google.com/spreadsheets/d/1m8byzEpRLqoCsTc9W5bRZO4h8UV_oRjgJrDXXTDJeFE/edit#gid=0&vpid=A1

First day (kouluttajana Rene Spronk):

Prerequisites: beginners level, general IT knowledge, familiarity with workflows in healthcare

Agenda:

- Overview of core IHE processes and terms
 - IHE organizational, process aspects, Connectathon
 - General issues: actors, transactions, affinity domain
 - Claiming conformance to IHE profiles
- A functional overview of XDS and XDS-I
 - cross-enterprise sharing of documents, document based EHR
 - metadata update (MUP), metadata based subscription (DSUB)
 - Affinity domain issues (also: CT, PIX/PDQ/PAM, SVS, ATNA)
- Enterprise Content management (ECM)
 - Long term archival of clinical data (inclusive of images)
 - Information Lifecycle Management (ILM), Retention policy, Migration Issues
- Documents and Document metadata
 - Document metadata, Dublin Core, MoReq2010, ODaF, XDS Metadata
 - Document standards: e.g. CDA, DICOM SR, DICOM KOS, PDF/A3
 - Exercise: document metadata
- XDS in-depth: details of the XDS, XDS-I, XDR/XDM profiles
- Access control and Authentication
 - Overview of the EUA, XUA - user authentication, user directories
 - Overview of Patient Consent related profiles (BPPC)
 - Centralized Policy Registries, XACML
- Cross affinity domain issues, XCA, XCA-I for DICOM images
- Summary

The agenda contains various (paper based) exercises to facilitate both the reflection by the attendees of the material covered, as well as discussion.

Learning goals: learn the essentials of XDS (and related IHE profiles), both Webservices/REST, but mainly to cover the transport-independent aspects

Second day (kouluttajana alustavasti Ewout Kramer):

Prerequisites: beginners level, basic XDS knowledge (learned during the first day or elsewhere), REST

Topics:

- FHIR crash course (2 hours)
- IHE MHD, RESTful DICOM
- IUA/OAuth
- PDQm (but not PIXm)
- RESTful ATNA
- Existing FHIR libraries for mobile app development
- SMART on FHIR
- Demo of a FHIR based clinical app (?)
- Discussion about PHR app development (?)

Hands-on exercises have been planned for this training course – albeit not by using the FHIR reference implementations, but based on simple testtools such as Fiddler and web browsers.

Learning goals:

- learn what IHE offers for mobile app developers
- the relationship between IHE profiles and HL7 FHIR, e.g. when to use MHD and FHIR Documents and when to use pure FHIR resources
- authentication of users and services
- some general ideas on how to develop apps for personal health record (PHR) needs.

Poimintoja IHE Intl Board -kokouksista

- Norjan IHE-läsnäolo lisääntyy, Oslon yliopisto on hakenut jäsenyyttä.
- 151 "visionary"-jäsentä
- IHE PCC:ltä joukko uusia profiileja:
 - Clinical Mapping (CMAP)
 - Guideline Appropriate Ordering (GAO)
 - Remote Patient Monitoring (RPM)
 - Reconciliation of Clinical Content and Care Providers [RECON]*
 - The Data Access Framework (DAF) Document Metadata Based Access Implementation Guide*

* FHIR-standardin huomioiva profiili

- IHE IT-Itä joukko uusia profiileja:
 - RESTful query to ATNA*
 - Mobile Alert Communication Management (mACM)*
 - Patient Identifier Cross-reference for Mobile (PIXm)*
 - Cross-Community Document Reliable Interchange (XCDR)
 - Cross-Enterprise Document Workflow Extension for Cross-Community Environment (XDW for XCA and XCDR)
- IT-I trends
 - Mobile Health
 - Deployment and adoption is increasing world wide
 - ITI is working closely with HL7 in developing sections of FHIR that correspond to significant ITI profiles, and taking ownership of maintenance of FHIR resources that correspond to IHE

- The IT Infrastructure domain is continuing some work started in the prior year, specifically:
 - Evolving the profiles that are based on FHIR as FHIR is revised.
 - Mobile Health Documents (MHD)
 - Patient Identifier Cross-reference for Mobile (PIXm)
 - Patient Demographics Query for Mobile (PDQm)
 - Mobile Alert Communication Management (mACM)
- De-Identification for Family Planning Supplement defines optimal de-identification algorithms for each Family Planning data element listed in the IHE QRPH Family Planning profile. This supplement will be published as an appendix to the IHE QRPH Family Planning profile.
- Redocumentation of XDS submission transactions continues the first phase of redocumentation by focusing on the Provide and Register (ITI-41) and Register (ITI-42) transactions.
- Seven proposals have been received and are being reviewed for consideration for publication in 2016

Tulevia tapahtumia

- 25. - 29.1. IHE USA Connectathon 2016, Cleveland
- 11. - 15.4. IHE Europe Connectathon, Bochum/Germany
- 7. - 8.6. IHE World Summit 2016, Amsterdam
- 8. - 10.6. eHealth Week 2016, Amsterdam

CASE Region Sjælland

- Kristian Skotte ja Malin Lundgren esittelee tuotantokäytössä olevan alueellisen XDS-toteutuksen Tanskasta

IHE Finland sponsorit



IHE Finland jäsenet

- *Acute FDS Oy*
- *Appelsiini Oy*
- *Avain Technologies*
- *Carestream*
- *Healthcare Finland*
- *CGI Suomi Oy*
- *Commit; Oy*
- *Datawell Oy*
- *Digital Identity Solutions Europe Oy*
- *EMC*
- *Entteri Professional Software Oy*
- *Etelä-Pohjanmaan sairaanhoitopiiri*
- *Fujitsu Finland Oy*
- *Gofore Oy*
- *HUS*
- *InterSystems Finland*
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- *PPSHP*
- *PSHP*
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- *Prime Solutions Oy*
- *Salivirta & Partners*
- *Suomen Kuntaliitto*
- *STeHS*
- *Terveysteknologian liitto ry – FiHTA*
- *Tieto Healthcare & Welfare Oy*
- *Tietotarha*
- *THL*
- *VTT*
- *STTY*

KIITOS OSALLISTUMISESTA!

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