

IHE & XDS/XDS-I TRAINING 1.-3.10.2019

IHE and HL7 Finland organize 'Introduction to Healthcare Interoperability Standards' and 'IHE XDS/XDS-I' training in Helsinki on 1.-3.10.2019!

IHE Finland and HL7 Finland organize a long-desired training on IHE and XDS / XDS-I by bringing renowned expert to Finland. The course will be held in English.

TRAINERS

The trainer is international expert on HL7 integration platforms in healthcare:

René Spronk has studied Informatics at the Twente University of Technology in the Netherlands. He has provided systems integration consultancy in healthcare to hundreds of healthcare provider organizations and application vendors since 1996, using a variety of interoperability standards.

PRICES

The course is divided into three days. You can attend either on one, two or all three days.

- For members of HL7 Finland and IHE Finland
 - 1-day training 400€ + vat
 - 2-day training 700€ + vat
 - 3-day training 800€ + vat
- For others:
 - 1-day training 1000€ + vat
 - 2-day training 1500€ + vat
 - 3-day training 2000€ + vat

Join HL7 Finland and IHE Finland and get lower prices: <http://www.hl7.fi/hl7-finland-liity-yhdistykseen/>.

SIGN UP

You can sign up by sending email to IHE project secretary Kristiina Salo at kristiina.salo@csamhealth.com with subject "IHE & XDS training". There's limited number on attendees for the course (30), so sign up soon!

BROUGHT TO YOU BY

HL7 FINLAND

IHE
FINLAND | Integrating
the Healthcare
Enterprise

IHE & XDS/XDS-I TRAINING 1.-3.10.2019

DAY 1 - AN OVERVIEW OF HEALTHCARE INTEROPERABILITY STANDARDS

The training course describes the key areas in which standardization is needed (e.g. workflows, messages, documents, terminologies and identification schemes) in order to achieve interoperability between software applications in healthcare. It also provides an overview of the key characteristics of some of the existing standards in this area (e.g. CDA/CCD, DICOM, HL7 version 2, HL7 version 3, IHE, SNOMED and ICD).

Learning goals:

- Understand the key characteristics of several commonly used interoperability standards,
- Explain the relationship between HL7, IHE and DICOM standards,
- Understand the key role of terminologies (e.g. SNOMED or ICD) as used by interoperability standards, and
- Decide which standard is the best fit for a particular kind of workflow.

Agenda:

- Introduction
- Part 1: Healthcare workflows: the need for standardization
 - The IHE (Integrating the Healthcare Enterprise) methodology
- Part 2: Messaging: the exchange of structured data
 - HL7 version 2 - within hospitals
 - HL7 version 3 - between organizations
 - DICOM - images
 - EDIFACT (Dutch/Belgian/Swedish training course only) - within/between organizations
 - xDT (German training course only)
 - KMEHR (Belgian training course only) - between organizations
- Part 3: Documents: the exchange of textual data
 - HL7v3 Clinical Document Architecture (CDA)
 - Example: CCD, a CDA-based specification
- Part 4: FHIR - the open API for healthcare
- Part 5: The use of a unified terminology and identification schemes
 - (example) SNOMED - clinical terms
 - (example) ICD-10 - clinical terms for invoicing
- Part 6: IHE profiles
 - Example: IHE Radiology workflows, IHE XDS
- Part 7: Exercise mapping workflows to standards
- Summary and recommendations

Prerequisites for attendees: The attendees are assumed to be familiar with healthcare workflows and processes, as well as some knowledge of data modelling.

BROUGHT TO YOU BY

HL7 FINLAND

IHE
FINLAND | Integrating
the Healthcare
Enterprise

IHE & XDS/XDS-I TRAINING 1.-3.10.2019

DAY 2 & 3 - IHE XDS / XDS-I TRAINING COURSE

The IHE (Integrating the Health Care Enterprise) activities have resulted in a series of profiles. You will get familiar with the IHE XDS profile as well as related/supporting profiles, e.g. related to the structure of the medical documents, authentication and patient consent.

The focus will be on common data flow patterns of XDS-based infrastructures with special focus on imaging track, with additional focus on **Kvarkki, WADO RS/DICOMWeb, and FHIR-based IHE-profiles like MHD / MHD-I, IUA, mQED.**

The exercises (whether theoretical or hands-on in nature) serve to allow you to further familiarize yourself with the IHE specifications.

Learning goals:

- Explain the core features of IHE XDS and related IHE profiles,
- Identify issues related to the archiving of both documents as well as images,
- Explain the dependencies between IHE XDS, architectures for archival (ECM, VNA, Cloud), and metadata management,
- Determine how IHE XDS and related IHE profiles fit within your own context.

Agenda: (2 days)

- Introduction
 - Overview of core IHE processes and Terms
 - Process, Actors, Transactions, Connectathon
 - IHE profiles overview
 - XDS/XDS-I, XDM, XDR
 - MUP, ATNA, DSUB and other related profiles
 - Access Control
 - XACML, XUA
 - What is a VNA?
 - Introduction of the Alpha Use Case
- Example project: Tyrol (Austria)
- Document Metadata
 - XDS Metadata
 - Metadata specification exercise
- Workflow scenarios – follow the data
 - Upload/Submission workflow
 - Upload workflow overview
 - Intro KOS Manifest
 - Hands-on exercise: upload/submission workflow steps
 - Exercise: documentation

BROUGHT TO YOU BY

HL7 FINLAND

IHE
FINLAND | Integrating
the Healthcare
Enterprise

IHE & XDS/XDS-I TRAINING 1.-3.10.2019

- Query workflow
 - Query workflow overview
 - BPPC (optional module)
 - Hands-on exercise: query workflow steps
 - Project: MammoXL (the Netherlands)
- Change workflow
 - Document Deletion, Replacement
 - Metadata update
- Document exchange between communities
 - Overview of XCA/XCA-I, XCPD
 - Example project: ELGA (Austria)
 - Group discussion exercise: XCA (optional)
- Optional modules (depending on time/interest)
 - An introduction to CDA
 - An introduction to FHIR documents
 - Content workflow - XDW
 - On demand documents
 - MHD, FHIR, DICOMweb
- Overall summary

Prerequisites: Attendees are assumed to have a basic understanding of XML, DICOM, HL7v2, Webservices and healthcare workflows.

BROUGHT TO YOU BY

HL7 FINLAND

IHE
FINLAND | Integrating
the Healthcare
Enterprise