

A person in a white lab coat is shown from the chest up, looking down at a tablet computer. They have a stethoscope around their neck. The background is a blue gradient with a faint world map and binary code (0s and 1s) overlaid.

Webinar #6: IHE Connectathon Manger and Monitor Training Opportunities

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Overview

- Background: What is IHE Connectathon?
- Connectathon Managers
 - Role in Testing
 - Qualifications
 - Training Opportunities
- Connectathon Monitors
 - Role in Testing
 - Qualifications
 - Training Opportunities

What is IHE?

- An international initiative to improve healthcare by advancing the interoperability of health IT systems
- A forum for selection and coordinated use of established healthcare and general IT standards to address specific clinical needs
- Produces a common technical framework for harmonizing and implementing standards
- Conducts annual process for facilitating and testing adoption of technical frameworks

What is an IHE Connectathon?

- Cross vendor, live, supervised, structured testing
 - All participating vendors' products tested together in the same place/time
 - Experts from each vendor available for immediate problem resolution
 - Each vendor tests with multiple trading partners (actual product to actual product)
 - Testing of real world clinical scenarios using IHE Integration Profiles
 - Results are recorded and published online
- IHE North America: Jan. 17-21, 2011 in Chicago
- IHE Europe: April 11-15, 2011 in Pisa, Italy

How is a Connectathon run?

- Vendors register to test specific roles (Actors) in specific scenarios (IHE Profiles)
- Test plans are developed for each Actor/Profile
- Test groupings are organized using the Connectathon test management software - Gazelle
- Vendors perform tests
- Monitors verify successful completion and record results

Connectathon Manager

- Qualified, trained professional engineers
- Retained by sponsors to plan, organize and oversee an IHE Connectathon

Connectathon Manager - Qualifications

- Technical background in healthcare IT
- Specific knowledge of all areas of the IHE Technical Frameworks to be tested
- Unaffiliated with any of the companies participating in testing
- Experience as a volunteer monitor at a previous Connectathon event
- Undergo training sanctioned by the IHE Testing and Tools Committee Technical Management group

Connectathon Manager – Responsibilities

- Install, configure and maintain testing management software
- Have thorough understanding of Integration Profiles to be tested
- Develop test plans and organize test groupings
- Train and oversee test monitors
- Oversee testing at Connectathon; act as neutral arbiter in case of disagreements

Connectathon Manager Training Event

- September 14-16, RSNA Headquarters, Oak Brook, IL
- Projected Faculty:
 - Steve Moore, MS, Mallinckrodt Institute of Radiology, IHE North America Connectathon Manager
 - Eric Poiseau, PhD, INRIA, IHE Europe Connectathon Manager
 - Bill Majurski, National Institute of Standards and Technology

Connectathon Manager Training

Agenda

- Guidelines for an IHE-recognized Connectathon
- Test processes for the pre-Connectathon phase and during the Connectathon
- Tracking Connectathon results and associated policies
- XDS/XCA Test Tools created by US National Institute of Standards and Technology (NIST)
- MESA Test Tools created by Mallinckrodt Institute of Radiology (MIR)
- Gazelle Connectathon management tool created by Institute National de Recherche en Informatique et en Automatique (INRIA)

Connectathon Manager Training Registration

- Registration opens July 1
- Fee: \$3,000/person
 - Discount for additional persons from a single organization
- Contact secretary@ihe.net

Connectathon Monitors

- Volunteer domain experts who assist Connectathon Manager in overseeing testing
 - Develop special expertise in an IHE domain or set of profiles
 - Verify test results and record them in testing management system (Gazelle)
 - Help clarify requirements when necessary
 - Neutral arbiter without affiliation to any organizations participating in testing

Monitor Qualifications

- IT administrator involved in daily integration issue with technical background
- Used to reading log messages and dump files from devices to troubleshoot issues
- Willingness to read details of Integration Profiles and base standards
- Skeptical, but with sense of humor and positive attitude
- Ability to multi-task and work under stress
- Interested in helping identify and resolve issues

Connectathon Monitors

- Recruited from major health IT professional societies and provider organizations
 - NIST provides special expertise on XDS testing and tools development
- North American Connectathon requires a team about 40; European event comparable

Monitor Recruitment

- Call will be issued for new recruits by mid-summer
 - Turnover and growth requires recruiting 8-10 new monitors per year
- Sponsors provide training and support for travel expenses to Connectathon

Monitor Training

- Training will be conducted by Webinar
- Sessions will be scheduled in November and December
- Interested monitors can view domain update Webinars to get familiar with profiles of interest

Questions?

- Contact: secretary@ihe.net