



CaboLabs

Mirth Connect & HL7
Interoperability Workshop



Workshop Goals

The main goal of this workshop is to gain knowledge about the Mirth Connect integration engine, its components and how it works under different interoperability scenarios, including: different communication protocols, message formats and standards like HL7, DICOM and openEHR, with a very practical approach.

Target Audience

The course is aimed at professionals and students from the Information and Communication Technology field, including Software Architects, Software Designers, Developers, Tech Leaders, among other roles.

Agenda

The workshop includes these topics:

- Introduction to Mirth Connect
- Communication protocols
- Introduction to HL7 v2.x messages and HI7 CDA clinical documents
- Mirth Connect architecture: channels, connectors, filters and transformers
- Channel scripts, global scripts and code templates
- Java code integration
- Testing of practical cases (more than 15 cases to test *)

* the source code for the practical cases will be available for each student to test it, modify it, and add more functionalities.

Recommended Prior Knowledge

It is recommended to have notions of communication protocols and Java / JavaScript programming languages.

Modality

This workshop is provided online at scheduled dates.

It is available to be requested by companies and organizations to be provided in-site. In this case, the agenda can be adapted and customized.

About the Trainer

The course will be delivered by Pablo Pazos Gutiérrez. He is a Computer Engineer from Uruguay, specialized in the eHealth domain. Director of CaboLabs: Health Information Systems, Standards and Interoperability, and creator of the courses delivered through CaboLabs with the support of ACHISA.

Ing. Pablo Pazos Gutiérrez

- Member of the openEHR community since 2006
- Qualified member of the Localization, Software and Specification Programs of the openEHR Foundation
- Coordinator of the openEHR community in Spanish
- Creator of the eHealth courses and workshops delivered by CaboLabs
- Creator of open source systems and tools for eHealth
- Director of CaboLabs: Health Information Systems, Standards and Interoperability,

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ACHISA supports knowledge dissemination in the Health Informatics discipline, especially about the available standards and specifications.