

Capacity Strengthening Resources



This page is designed to provide materials for:

- individuals who are creating course materials and would like to use existing resources (Slides, course documentation)
- Individuals who are looking for materials or slides for in-person or zoom courses

OpenHIE Academy Materials



Below is a list of presentations/communication material that have been created for OpenHIE. Please feel free to comment and suggest how these may be refined to be used by the general community.

The following are some of the source materials that have been used in creation of the OpenHIE Academy materials. [This work is licensed under a Creative Commons Attribution 4.0 International License](#). We would appreciate if you would share any contributions and additional information on this wiki page or add sticky notes with comments.

Please ensure you are not using patient information or licensed images. Best practice is to include attribution for any pictures or graphics.

Slides / Materials	Description
Academy Live 21 Deck (slides) Spanish Version of many of the slides	Deck used for Academy Live presentation in OHIE21 virtual meeting Learning Objectives: Participants will be introduced to the basic concepts of health information exchange <ul style="list-style-type: none">• Students will be able to articulate the basic component of the OpenHIE architecture• Students will be able to determine which architecture components are needed to solve basic health information sharing challenges• Students will understand the role of standard terminologies and message formats in health information exchange• Students will begin to understand how to apply standards-based data exchange design to solve a particular health system challenge
Academy HIE 101 V2 (GoogleDoc) slides	GoogleDoc version of the Academy HIE 101 Course v2 Learning Objectives: <ul style="list-style-type: none">• define the concepts of HIE, state the purpose and value of HIE• understand who is a part of OpenHIE and the kinds of challenges that OpenHIE addresses• Understand the OpenHIE mission and Vision• Recognize the OpenHIE Architecture Pattern• Understand some of the health challenges that the OpenHIE Architecture can address• Explore the use of OpenHIE implemented
Academy 110 (slides)	GoogleDoc version of the Academy 110 Course on Architecture By the end of this session, learners will be able to: <ol style="list-style-type: none">1. Understand the concept and need for an enterprise architecture2. Define and state the value of health architecture3. Describe the high-level function of the OpenHIE Architecture Components4. Understand how to adapt the architecture to meet a project use case or a specific country's needs5. Discuss the value of health architecture

Capacity Strengthening Resources on This page

- [OpenHIE Academy Materials](#)
- [DIPC Course Materials](#)

OpenHIE Quick Links

- [I want to take an OpenHIE Academy Course](#)
- [I want to engage with the OpenHIE Capacity Strengthening subcommunity](#)

GIZ DIPC Quick Links

- [I want to take an Atingi course \(Link coming soon\)](#)
- [I want to engage with the eHPKN community](#)

[I want to find other courses and resources](#)

Interoperability Layer (Slides)	<p>By the end of this module, learners will be able to:</p> <ol style="list-style-type: none"> 1. Define interoperability layer and explore advantages over alternative integration means 2. State and define interoperability layer capabilities and quality attributes 3. Explain basic workflows and roles of the interoperability layer 4. State and define interoperability layer requirements and reference technologies 5. Discuss real world implementation cases
Introduction to Health Data Standards	<p>By the end of this course, learners will be able to:</p> <ol style="list-style-type: none"> 1. Understand the value of using standards 2. Understand the value of health informatics standards and the different types that exist. 3. Identify some commonly used global HIS standards 4. Understand how standards are used in OHIE related examples. 5. Describe how the health informatics standards are created, implemented and updated.
<p>Introduction to semantic health standards (terminology) 345</p> <p>a potential source document</p>	
Terminology Use and Implementation	<p>Course Description</p> <p>This course is a follow-up to “345-Terminology”. Now that you have learned the basics of terminology, it is time to get into the more practical aspects of using terminology in your implementations. This course will take a globally-focused approach, meaning that the tools and reference terminologies noted in this course will tend to be more open source and applicable to global health contexts.</p> <p>Requirements</p> <ol style="list-style-type: none"> 1. Completed course 345-Terminology 2. A desire to learn <p>Learning Objectives</p> <ol style="list-style-type: none"> 1. Understand key concepts related to terminology management and use 2. Identify different stakeholders and user types that are involved in terminology management 3. View example terminologies and their differing use cases 4. Select appropriate terminologies for your own use case 5. Understand how to get started with using terminologies in your health systems

Facility Registry Course Information	<p>May be a draft of the info in the Academy Course</p> <h2>Learning Objectives</h2> <ol style="list-style-type: none"> 1.Understand the concept of a Health Facility Registry (HFR) 2.Understand the purpose of having a Health Facility Registry 3.Importance of a Master Facility List and its role 4.Articulate the role and key functions of a HFR 5.Be aware of the associated Governance Challenges 6.Understand the Standards and Technology associated with a HFR <h2>Key Audience(s):</h2> <p>Health Information Technologists such as Business analysts, Engineers and Architects</p> <p>E-Health Leaders / Ministry of Health Leaders.</p>
Identity Management Slides	<p>This course is intended to help share basic information about a client registry with the following types of learners:</p> <ul style="list-style-type: none"> • Health IT Professionals (technologists, implementation leads and business analysts) • MOH / HIT Leadership (policy makers and decision makers) • Anyone interested in patient identity linking or matching <h2>Course Learning Objectives</h2> <p>By the end of this course, learners will be able to:</p> <ul style="list-style-type: none"> • Understand the types of challenges that identity management, client record linking, and client registry addresses (Value of having client linking / client registry) • Understand definitions related to Identity Management and Client Registries • Understand basic features of a client registry • Discuss exemplar matching algorithms used in matching or linking patient records within and across systems • Understand typical interoperability transactions that a Client Registry should support • Enumerate examples of Client registry tools • Describe common implementation issues • Discuss exemplar projects where identity management tools have enabled health
Health Worker Registry materials Slides	<p>These materials are not yet published</p>
Additional Terminology Slide deck	<p>From Shariki presentation on 25-Aug-2023</p>
Drivers for Standards	
Training Personas (Global)	<p>The following are examples of training personas created for the DIPC project. Please copy and re-use them as appropriate.</p>

DIPC Course Materials



Below is a list of presentations/communication material that have been created as a part of the GIZ DIPC Project. Please feel free to comment and suggest how these may be refined to be used by the general community.

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Slides / Materials	Description
Digital Health: Establishing and Operating End-User Support and Training (Helpdesk)	<p>The purpose of this course is designed to empower learners with the knowledge and skills needed to provide efficient and effective end-user support and training in a helpdesk environment. The current course covers both theoretical and practical aspects for establishing, managing and operating a helpdesk.</p> <p>Learning Objectives</p> <p>By the end of this course, participants will be able to:</p> <ul style="list-style-type: none">• Articulate the operating procedures of the Helpdesk service;• Identify considerations for establishing Helpdesk system that meets the needs and expectations of internal and external customers;• Articulate an example of an end-user support workflow;• Identify best practices for issue tracking and ticket prioritization;• Identify key points during the support process for user engagement;• Understand methods for creating and enhance Helpdesk documentation;• Apply the best practices of data protection and confidentiality when providing Helpdesk and support services;• Identify common tools used for tracking issue status and resolution;• Articulate what is a ticketing system and how a Helpdesk is run and managed; <p>See Instructor notes on slide 6</p>