



Canada Health Infoway

Projectathon Tooling

MHD Client & Server Simulators

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MHD specification



- ❖ The **Mobile access to Health Documents (MHD)** specification is available here:

<https://profiles.ihe.net/ITI/MHD>

What are the MHD Client & Server Simulators?



- ❖ **MHD Client Simulator:** A web application, based on the Swagger UI, used to simulate MHD clients
- ❖ **MHD Server Simulator:** APIs used to simulate MHD servers, with or without IUA authorization

Training Objectives



This training video aims to meet the following objectives:

- ✓ Provide an understanding of the **MHD Client Simulator**, **how** to use it, **when** to use it, and **where** to access it
- ✓ Provide an understanding of the **MHD Server Simulator**, **how** to use it, the options for using this tool with authorization and without authorization, **when** to use it, and **where** to access it

When to use the MHD Client Simulator



The **MHD Client Simulator** can be used:

- ❖ for no-peer testing of MHD server-side implementations in preparation of the Projectathon, when a test partner is not available for peer-to-peer testing

When to use the MHD Server Simulator



The **MHD Server Simulator** can be used:

- ❖ for no-peer testing of MHD client-side implementations in preparation of the Projectathon, when a test partner is not available for peer-to-peer testing

Where to Access the CA:FeX Simulators



Simulator	URL
MHD Client Simulator	https://ps-swagger.apibox.ca/?spec=PS-CA_(MHD)
MHD Server Simulator (without authorization)	https://pancanadianio.ca:10001/mhd
MHD Server Simulator (with authorization)	https://pancanadianio.ca:10001/mhd-iua

Tool Demonstration



**MHD
Client
Simulator**

**MHD
Server
Simulator:
without
authorization**

**MHD
Server
Simulator:
with
authorization**



Canada Health Infoway



Thank you!

To learn more about the Projectathon 2023, visit:

<https://infoscribe.infoway-inforoute.ca/display/PCI/Projectathon+March+2023>

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