



**Canada Health Infoway**

# **Projectathon Tooling**

CA:FeX Client & Server Simulators

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# CA:FeX specification



- ❖ The **Canadian FHIR Exchange (CA:FeX)** specification is available here:

<https://infoscribe.infoway-inforoute.ca/display/CAFEXV1TI>

# What are the CA:FeX Client & Server Simulators?



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

# Training Objectives



This training video aims to meet the following objectives:

- ✓ Provide an understanding of the **CA:FeX Client Simulator**, **how** to use it, **when** to use it, and **where** to access it
- ✓ Provide an understanding of the **CA:FeX 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 CA:FeX Client Simulator



The **CA:FeX Client Simulator** can be used:

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

# When to use the CA:FeX Server Simulator



The **CA:FeX Server Simulator** can be used:

- ❖ for no-peer testing of CA:FeX 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
CA:FeX Client Simulator	<a href="https://ps-swagger.apibox.ca/?spec=PS-CA_(CA-FeX)">https://ps-swagger.apibox.ca/?spec=PS-CA_(CA-FeX)</a>
CA:FeX Server Simulator ( <b>without</b> authorization)	https://pancanadianio.ca:10001/cafex
CA:FeX Server Simulator ( <b>with</b> authorization)	https://pancanadianio.ca:10001/cafex-ia

# Tool Demonstration



**CA:FeX  
Client  
Simulator**

**CA:FeX  
Server  
Simulator:  
without  
authorization**

**CA:FeX  
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>

**Contact Information:**

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