



01 - Test Execution - Capabilities

FHIR Testing and Certification – Exercise

Track lead: Richard Ettema

During this hands-on session of the FHIR Testing tutorial we will explore TestScript Execution within the Touchstone Project environment. This exercise examines the FHIR capabilities operations (metadata or the use of the HTTP OPTIONS method). Each TestScript illustrates the use of different TestScript elements and as well as the basic mechanics of executing tests within Touchstone.

TestScripts for this exercise are in the Touchstone Test Definitions folder **FHIRSandbox/AEGIS/FHIR3-0-1-DevDays18-11/FHIRTesting/01-Capabilities*

***For detailed test execution guidance please refer to the online Touchstone User Guide, Section 'Executing Tests': <https://touchstone.aegis.net/touchstone/userguide/html/executing-tests/index.html>*

TestScript Descriptions

All TestScripts for this exercise execute the capabilities interaction against a FHIR server to return that server's CapabilityStatement.

HTTP GET metadata

Test the capabilities interaction using the metadata operation with the HTTP GET method.

Features

- ❖ Asserts test for HTTP response code, Content-Type and ETag HTTP headers, and correct FHIR resource type payload

HTTP OPTIONS

Test the capabilities interaction using the optional HTTP OPTIONS method [to be deprecated in R4].

Features

- ❖ Asserts test for HTTP response code, Content-Type and ETag HTTP headers, and correct FHIR resource type payload

The detailed tutorial documents for these exercises can be found at:

<https://github.com/rettema/DevDays-Exercises/DevDays18-Amsterdam/FHIR Testing and Certification>

Have fun! And, remember to ask for help if you get stuck