

# Inferno Tech Talk – June 2024

**Yunwei Wang**

**MITRE Inferno Team**

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FOR A SAFER WORLD™

# Inferno Tech Talk Introduction

- Purpose: to provide regularly scheduled updates on the Inferno tool and its implementation of the (g)(10) test procedure
- Typical agenda to include:
  - Announcements about upcoming releases
  - Training on new features
  - Highlight outstanding issues or known problems
  - Open discussion
- Monthly recurrence: 2<sup>nd</sup> Wednesday at 1PM ET
- This call is being recorded and will be posted on <https://inferno.healthit.gov/events/>

Content reflects Inferno's implementation of applicable Test Procedure and does not necessarily reflect ONC policy.

# Today's Agenda

- (g)(10) Standardized API Test Kit v5.4.2
- July CMS Connectathon
- September HL7 FHIR Connectathon?
- Discussions / Questions

# ONC (g)(10) Standardized API Test Kit v5.4.2

- Test Update:
  - Changes that may result in new failure: 0
  - Changes that will not affect score of passing implementations: 3

# (g)(10) Updates: Canonical URL with version (#525)

- Allow canonicals with version in CapabilityStatement
- Two elements:
  - CapabilityStatement.instantiates
  - CapabilityStatement.rest.resource.supportedProfile
- Example:

```
{  
  "type": "AllergyIntolerance",  
  "supportedProfile":  
  [  
    "http://hl7.org/fhir/us/core/StructureDefinition/us-core-allergyintolerance|6.1.0"  
  ],  
  ...  
}
```

# (g)(10) Updates: Description for Patient context (#522)

## ■ 5.4.1

1.6.05 OAuth token exchange response body contains patient context and patient resource can be retrieved ^

MESSAGES   REQUESTS   INPUTS   OUTPUTS   **ABOUT**

The `patient` field is a String value with a patient id, indicating that the app was launched in the context of this FHIR Patient.

## ■ 5.4.2

1.6.05 Patient from launch context can be retrieved ^

MESSAGES   REQUESTS   INPUTS   OUTPUTS   **ABOUT**

The `patient` field is a String value with a patient id, indicating that the app was launched in the context of this FHIR Patient. This test verifies that the Patient resource with that id can be retrieved.

# **(g)(10) Updates: tx.fhir.org error filter (#523/524)**

- Some testers received mimetype error from tx.fhir.org while using (g)(10) test kit.
- Add filter for tx.fhir.org validation error message

# Other Inferno Releases

- US Core Test Kit v0.7.2
- CARIN IG for Blue Button® Test Kit v0.11.2
- Da Vinci Documentation Templates and Rules (DTR) Test Kit v0.10.0
- Da Vinci Payer Data Exchange (PDex) Test Kit v0.10.3
- Da Vinci Prior Authorization Support (PAS) Test Kit v0.10.0
- DaVinci US Drug Formulary Test Kit v0.10.2
- International Patient Summary Test Kit v0.10.1
- <https://inferno.healthit.gov/news/2024-07-july-update/>



# July CMS FHIR Connectathon

- Participating in 2 tracks at the CMS FHIR Connectathon next week:
  - Da Vinci Burden Reduction
  - Da Vinci Payer Data Exchange
  
- Reach out if you'd like to walk through any tests during the Connectathon!

# September HL7 FHIR Connectathon

- Do you plan to join US Core & HTI-1 Connectathon track?
- If yes, which test kit/test suite you would like to test?
  - US Core 6.1.0
  - US Core 7.0.0
  - HTI-1
  - Others

# Open Discussion / Feedback

# Resources and Contact Information

- <https://inferno.healthit.gov/>
  - General materials & live demonstration server
- <https://inferno-framework.github.io>
  - Create your own Inferno Test Kits!
- <https://github.com/onc-healthit/onc-certification-g10-test-kit/>
  - ONC Certification tests repository, downloads, issues
  - “Watch” repository to receive alerts (new releases, etc)
  - Note: this repository is specific to ONC Certification testing
- [inferno@groups.mitre.org](mailto:inferno@groups.mitre.org) (or [rscanlon@mitre.org](mailto:rscanlon@mitre.org))
- FHIR Zulip Chat: <https://chat.fhir.org/#narrow/stream/179309-inferno>

# Upcoming Meetings

- Next Inferno Tech Talk: **Wednesday August 14** at 1 PM ET
- Please reach out with questions & issues