Cypress[™]

Cypress Tech Talk

September 17, 2024



















Agenda

- Software Updates
 - Cypress 7.3.1
- Recent Issue
 - Cypress Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

*See the Glossary at the back for definitions of terms

Software Updates Cypress 7.3.1 (2025 Annual Update)

- Cypress 7.3.1 patch released on 8/1/2024
- Cypress Features
 - Support for testing with the 2025 CMS QRDA III Implementation Guide for Eligible Clinicians
- Cypress Bugs Addressed
 - Product creation timeouts (<u>CYPRESS-2674</u>)
 - Ratio measure calculations defaulting to 0 when population criteria not met. (<u>CYPRESS-2669</u>)
 - Cypress test patients include unnecessary statusCode element within Encounter Diagnosis template. (<u>CYPRESS-2671</u>)
 - Risk Variable elements missing from QRDA file causing server errors to be returned (<u>CYPRESS-2666</u>)

Product creation timeouts

Problem

 Products created with every eCQM and certification type could result in a server timeout resulting in an unusable set of tests.

Bug fix

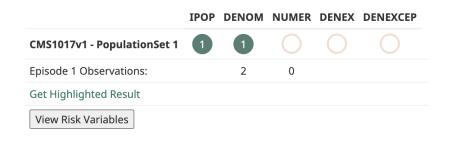
 Move more of product creation to asynchronous processes allowing for navigation through the application as the product is being created.



Ratio measure calculations defaulting to 0 when population criteria not met

Problem

 Measure observation calculations for Ratio measures default to 0 even when the population criteria isn't satisfied



Bug fix

 Measure observation calculations for Ratio measures will default to null when the population criteria isn't satisfied

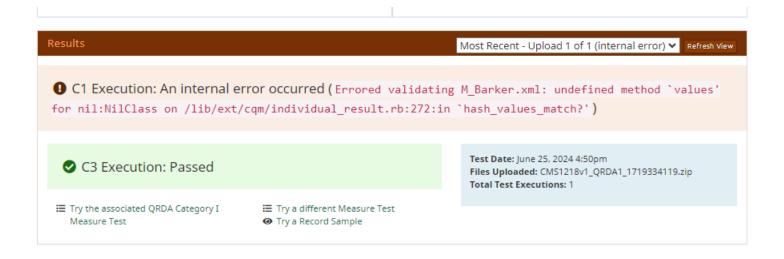
Cypress test patients include unnecessary statusCode element within Encounter Diagnosis template.

The presence of the statusCode of completed could be interpreted as indicating the diagnosis was resolved prior to the encounter. This elements is being removed from the test patient's QRDA files to clear up ambiguity.

```
<!-- QDM Attribute: Diagnoses -->
<entryRelationship typeCode="REFR">
 <observation classCode="OBS" moodCode="EVN">
   <!-- Encounter Diagnosis QDM -->
   <templateId extension="2021-08-01" root="2.16.840.1.113883.10.20.24.3.168"/>
   <code code="29308-4" codeSystem="2.16.840.1.113883.6.1"/>
         usCode code="completed"/>
  <talue code="L69.006" codeSystem="2.16.840.1.113883.6.90" codeSystemName="ICD10CM" xsi:type="CD"/>
   <!-- QDM Attribute: Rank -->
   <entryRelationship typeCode="REFR">
     <observation classCode="OBS" moodCode="EVN">
       <templateId extension="2019-12-01" root="2.16.840.1.113883.10.20.24.3.166"/>
       <code code="263486008" codeSystem="2.16.840.1.113883.6.96" displayName="Rank"/>
       <value value="0" xsi:type="INT"/>
   <entryRelationship typeCode="REFR">
     <observation classCode="OBS" moodCode="EVN">
       <templateId extension="2021-08-01" root="2.16.840.1.113883.10.20.24.3.169"/>
       <code code="78026-2" codeSystem="2.16.840.1.113883.6.1" displayName="Present on admission"/>
       <value code="N" codeSystem="2.16.840.1.113883.6.301.11" codeSystemName="Unknown" xsi:type="CD"/>
```

Risk Variable elements missing from QRDA file causing server errors to be returned

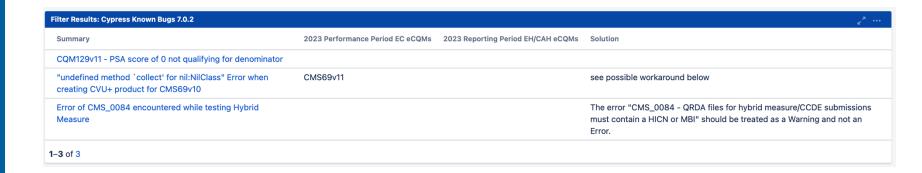
 When validating the reporting of some Risk Variables for CMS1218, Cypress would return an exception when the expected element was not found.



Recent Issue

Cypress Known Issues Dashboard

- https://oncprojectracking.healthit.gov/support/secure/Dashboard.jspa ?selectPageId=18000
- The dashboard collects all labeled known issues in one place, sorted by Cypress version
- Easily navigate to the dashboard from the Cypress summary page



Cypress Versions

Version	Dates	Release Note
V7.2.2	February 8, 2024	Removed references to certification editions
V7.3.0	June 20, 2024	Support for the 2025 performance/reporting period eCQMs
V7.3.1	August 1, 2023	Support for the 2025 CMS Implementation Guides for QRDA Category III

Bundle Version	Dates	Features
2023.0.0	June 22, 2023	Measures and patients released in 2023 for the 2024 reporting year.
2024.0.0	June 20, 2024	Support for the 2025 performance/reporting period eCQMs

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, October 15, 2024 at 1pm ET
- To join online, visit: https://mitre.zoomgov.com/j/1605680758
- To join via phone, dial: 1-551-285-1373
- Meeting Number: 160 568 0758
- Meeting link, as well as a calendar event file, available at:
 - https://www.healthit.gov/cypress/techtalks.html

Notes

- Completed Webinars will be posted on the Cypress website on the Tech Talks tab
 - https://www.healthit.gov/cypress/techtalks.html
- Send questions and feedback to the Cypress Talk List at
 - project-cypress-talk@googlegroups.com
- Report bugs and issues to the Cypress JIRA at
 - https://oncprojectracking.healthit.gov/support/browse/CYPRESS

Glossary

- API Application Programming Interface
- CCDE Core Clinical Data Elements
- CQL Clinical Quality Language
- CVU Cypress Validation Utility
- CVU+ Cypress Validation Utility Plus Calculation Check
- EC Eligible Clinician
- eCQM Electronic Clinical Quality Measure
- EH Eligible Hospital
- EP Eligible Professional
- HL7 Health Level Seven International
- IG Implementation Guide
- QPP Quality Payment Program
- QRDA Quality Reporting Document Architecture
- UMLS Unified Medical Language System