Cypress™

Cypress Tech Talk

February 7, 2023

MITRE

The Office of the National Coordinator for
Health Information Technology

CMS
CENTERS FOR MEDICARE & MEDICAID SERVICES

Agenda

- Software Updates
  - Cypress 7.0.5
- 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 (2023 Annual Update)

- **Cypress 7.0.5**
  - Scheduled for release on February 16th 2023.
- **Will include the following feature improvements:**
  - Supports the 1/31/23 update to the **2023 CMS QRDA I Implementation Guide for Hospital Quality Reporting**
    - Updates to align with the changes to require patient telephone and email address.

```xml
<recordTarget>
  <patientRole>
    <!-- Patient Identifier Number. The root OID could be provider's
      organization OID or other value -->
    <id root="2.16.840.1.113883.123.123.1" extension="022354"/>
    <addr use="HP">
      <streetAddressLine>101 North Pole Lane</streetAddressLine>
      <city>Ames</city>
      <state>IA</state>
      <postalCode>50014</postalCode>
      <country>US</country>
    </addr>
    <telecom use="HP" value="tel:+1(781)271-3000"/>
    <telecom use="HP" value="mailto:me@email.com"/>
    <patient>
      <name>
        <given>Jane</given>
        <family>Doe</family>
      </name>
```

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

Filter Results: Cypress Known Bugs 7.0.2			
Summary	2023 Performance Period EC eCQMs	2023 Reporting Period EH/CAH eCQMs	Solution
CQM129v11 - PSA score of 0 not qualifying for denominator			
"undefined method `collect' for nil:NilClass" Error when creating CVU+ product for CMS69v10	CMS69v11		see possible workaround below
Error of CMS_0084 encountered while testing Hybrid Measure			The error "CMS_0084 - QRDA files for hybrid measure/CCDE submissions must contain a HICN or MBI" should be treated as a Warning and not an Error.
1–3 of 3			

Cypress Versions

Version	Dates	Release Note
V6.3.0	May 5, 2022	Full support for the 2022 reporting/performance period
V7.0.2	August 4, 2022	Support for the 2023 CMS Implementation Guides for QRDA Category III
V7.0.3	October 20, 2022	Bug Fixes
V7.0.4	January 19, 2023	Updated 2023 CMS Implementation Guide for QRDA III and QRDA I R5.3 errata
V7.0.5	**February 16, 2023***	Updated 2023 CMS Implementation Guide for QRDA I

Bundle Version	Dates	Features
2021.0.2	June 24, 2021	Measures and patients released in 2021 for the 2022 reporting year.
2022.1.0	July 11, 2022	Measures and patients released in 2022 for the 2023 reporting year. Required bundle for import into v7.0.1 and later
2022.1.1	October 20, 2022	Removed cross-walking codes impacting CMS334

***scheduled date**

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, March 7, 2023 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

- **Note: Cypress Tech Talks will now occur every 4 weeks**

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**