Cypress[™]

Cypress Tech Talk

May 2, 2023



















Agenda

- Software Updates
 - Cypress 7.0.5
 - Cypress 7.1.0
- Recent Issue
 - Warnings for unknown intervals
 - Cypress Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

*See the Glossary at the back for definitions of terms

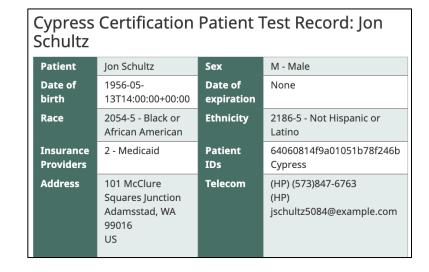
Software Updates

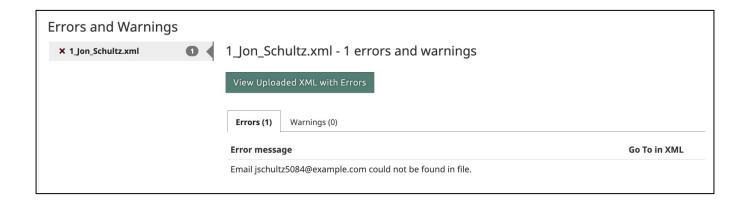
Cypress 7 (2023 Annual Update)

- Cypress 7.0.5
 - Released on March 23rd 2023.
- Include the following feature improvements:
 - Supports the 3/23/23 update to the 2023 CMS QRDA I Implementation Guide (v1.2) for Hospital Quality Reporting.
 - Round trip validation of test patient phone number and email address.

Verifying Email and Phone Numbers

- In Cypress 7.0.5 all Cypress test patients will be updated to include an Email address and Phone number
- Missing Email addresses and Phone numbers will result in errors for "C1" tests





Software Updates Cypress 7.1 (2024 Annual Update)

Cypress 7.1.0

- For the 2024 Reporting and Performance Period
- Release will be 2023, 2024 compatible
- 2023 bundle (for the 2024 reporting period) can be loaded alongside the the 2022 bundle (for the 2023 reporting period)

Release Schedule

- Release scheduled to be available in all release formats June 22, 2023
 - Note: Due significant upgrades to the underlying database and operating system (MongoDB 6 and Ubuntu-22) There will not be an upgrade path from Cypress v7 to Cypress v7.1

Recent Issue Warnings for unknown intervals

 Cypress v6 introduced warnings to call attention to areas in QRDA files where the content is technically valid but may result in unexpected behavior when imported by another system.

```
<ss:complexType name="IVXB_IS">

<ss:complexContent>

</ss:complexContent>

</ss:complexContent<

</ss:complexContent<

</ss:complexContent<

</ss:complexContent<

</
```

This scenario, can be problematic when comparing intervals

```
or exists ( ["Intervention, Performed": "Hospice Care Ambulatory"] HospicePerformed
where Global."NormalizeInterval" ( HospicePerformed.relevantDatetime, HospicePerformed.relevantPeriod ) overlaps "Measurement Period"
)
```

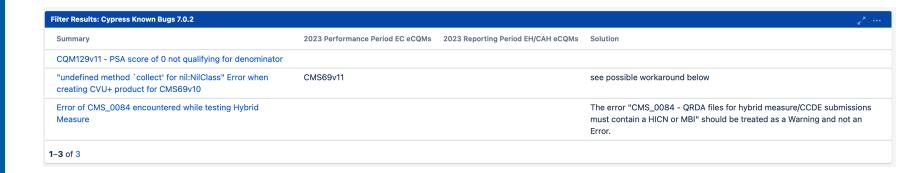
 For closed interval boundaries, if the interval boundary is null, the result of the boundary comparison is considered true.

https://cql.hl7.org/09-b-cqlreference.html#contains

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
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	March 23, 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

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, May 30, 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

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