Cypress™

Cypress Tech Talk

October 8, 2019

MITRE

The Office of the National Coordinator for
Health Information Technology

CMS
CENTERS FOR MEDICARE & MEDICAID SERVICES

Agenda

- Software Updates
  - Cypress 4.0.4 Patch Release
    - QRDA Import/Export updates
  - Updated CMS 2019 IG Guidance
- Recent Issues
  - Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

Software Updates
Cypress 4.0.4 Patch Release

- Cypress 4.0.4 patch release is planned for Thursday, October 3rd

- Cypress 4.0.4 patch release will include updates to QRDA Import and Export:
  – Use an id's Root and Extension determine uniqueness
  – "Low" values in a time range can use nullFlavor
  – Quantities can use decimal values
  – Exported Medication units should be valid UCUM value

- Cypress 4.0.4 patch release will enforce the "Guidance for Reason Template Placement When Specifying 'Not Done' with a Reason" published September 20, 2019.
  – https://ecqi.healthit.gov/now-available-updated-2019-cms-qrda-i-ig-and-sample-file-hospital-quality-reporting-and-guidance-not-reporting-value-set-oids

Software Updates
Updated 2019 CMS IG Guidance

- Published September 20, 2019.
  - https://ecqi.healthit.gov/now-available-updated-2019-cms-qrda-i-ig-and-sample-file-hospital-quality-reporting-and-guidance-not-reporting-value-set-oids

- Implementation Guide Update - Reason Template
  - Enforced by Cypress version 4.0.4 and later

- Guidance on Not Reporting Value Set OIDs

- Updated Sample File

Software Updates
2019 Guidance: Reason Template

- https://ecqi.healthit.gov/sites/default/files/QRDA-HQR-2019-CMS-IG-v1.1-09202019-508.pdf

- Reason "Not Done"

- "[…] will be nested directly within the element containing the negationInd attribute."

- When both parent and child template allow negation, should be in **parent** template

- Example Reason Placement:

```
<!-- Communication from Provider to Patient(V4)
-->
<act classCode="ACT" moodCode="EVN"
negationInd="true" >
 <templateId root="2.16.840.1.113883.10.20.24.3.3"
 extension="2017-08-01"/>
 ...
 <!-- Reason(V3) for commnication not done -->
 <entryRelationship typeCode="RSON">
  <observation classCode="OBS" moodCode="EVN">
   <templateId
   root="2.16.840.1.113883.10.20.24.3.88"
   extension="2017-08-01"/>
   ...
  </observation>
 </entryRelationship>
</act>
```

Software Updates
2019 Guidance: Value Set OIDs

- Update to HL7 base standard

- Removed the SHALL @sdtc:valueSet requirement for providing value set OID

- Including value set OID may lead to unexpected measure results

  – Repeated entries are no longer necessary because valueset OID is not required. Repeats may cause unexpected results.

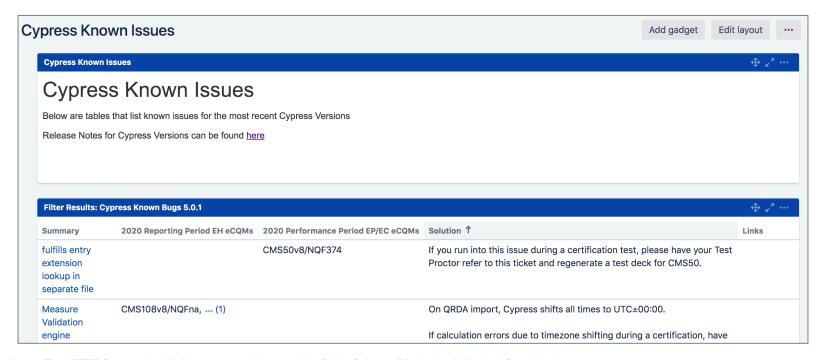- Value set OID should **ONLY** be used to report **negation** of QDM data elements

Use valueset oid when: Negating a valueset

```
          <code nullFlavor="NA"
sdtc:valueSet="2.16.840.1.113883.3.464.1003.196.12.1001">
```

Don't use valueset oid when: Using a code

```
          <value xsi:type="CD" code="182897004"
              codeSystem="2.16.840.1.113883.6.96"
              displayName="Drug declined by patient – side effects
(situation)"
              codeSystemName="SNOMED CT"/>
```

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	Measures Supported
V4.0.3	May 2, 2019	
V4.0.4	October 3, 2019	Latest version supporting eCQMs for the 2019 Reporting/Performance Period and CQL. Fixes QRDA and other 4.0.3 bugs.
V5.0.0	July 25, 2019	
V5.0.1	August 29, 2019	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains performance improvements and fixes for bugs found in Cypress v5.0.0

Bundle Version	Dates	Features
2018.1.0	October 11, 2018	**Cypress v4 only** CQL-based measures released in 2018 for the 2019 reporting year eCQM Value Sets as of 9/17/2018.
2019.0.1	July 25, 2019	**Cypress v5 only** CQL-based measures released in 2019 for the 2020 reporting year eCQM Value Sets as of 5/10/2019.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, October 22, 2019 at 1pm ET
- To join online, visit: https://global.gotomeeting.com/join/529898157
- To join via phone, dial: 1-646-749-3122
- Meeting Number: 529 898 157
- 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