Agenda

- Software Updates
  - QRDA Cat I R5.1 errata publication
  - Cypress 5.1.0 Patch Release
    - QRDA Category I R5.1 errata updates
    - 2019.1.0 Bundle
- Recent Issues
  - 5.1.0 Upgrade
  - Known Issues Dashboard
  - CYPRESS-1868
- Cypress Versions
- Open Discussion
- Contact Information
Software Updates
QRDA Cat I R5.1 errata

- On October 11, 2019 HL7 published an errata update to QRDA Category I R5.1
  - Key updates in QRDA Category I – Introductory Material
    - 6.5.1 – Guidance for Ensuring Data Uniqueness
    - 6.5.2 - Guidance for Reason Template Placement When Specifying “Not Done” with a Reason
Software Updates
Cypress 5.1.0

- A 5.1.0 patch release for Cypress is planned for November 7, 2019

- The Cypress 5.1.0 patch will:
  - Address the changes made to the QRDA Category I R5.1 errata
  - Address open ‘Known Issues’
    - “Related To” entries split across files (CYPRESS-1716)
    - ‘View Patients’ page only shows results for a single measure/population set (CYPRESS-1799)
    - Calculation Error for CMS104v8 with patient Z4 N Stroke (CYPRESS-1794)
    - Loading bundle crashes Cypress (CYPRESS-1751)
      - With 2019.1.0 bundle
Recent Issues

Cypress 5.1.0 Upgrade

- Users performing a 5.1.0 upgrade of an existing Cypress instance reported still seeing the Calculation Error for CMS104v8.
- This was caused by the upgrade instructions only updating the Cypress Application and not the backend CQM Execution Service.
- If you have already performed the 5.1.0 upgrade please make sure to follow these steps to complete the process.
  - Any tests for CMS104 will need to be regenerated

```
Connect to your machine running cypress and run the following command:

sudo apt-get update
sudo apt-get install cypress
sudo apt-get install cqm-execution-service
sudo systemctl restart cypress
sudo systemctl restart cqm-execution-service
```

- [https://github.com/projectcypress/cypress/wiki/Cypress-5.x-Upgrade-Instructions](https://github.com/projectcypress/cypress/wiki/Cypress-5.x-Upgrade-Instructions)
Recent Issue

Cypress Known Issues Dashboard

- [https://oncprojecttracking.healthit.gov/support/secure/Dashboard.jspa?selectPageId=18000](https://oncprojecttracking.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
Recent Issue
Cypress 5.1.0 Known Issue

- **CYPRESS-1868**
- **CMS165v8**
  - CQL includes "$" sort of Blood Pressure exam
- Cypress calculates differently based on the order of entries
  - Issue in the calculation engine
  - Engine does not sort entries properly in order to find the most recent
- Current workaround is to re-order entries

CQL:
```
Last("Blood Pressure Days" BPDays sort by $this )
```

Affects measured blood pressure entries:
## Cypress Versions

<table>
<thead>
<tr>
<th>Version</th>
<th>Dates</th>
<th>Measures Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>V4.0.3</td>
<td>May 2, 2019</td>
<td>Latest version supporting eCQMs for the 2019 Reporting/Performance Period and CQL. Fixes QRDA and other 4.0.3 bugs.</td>
</tr>
<tr>
<td>V4.0.4</td>
<td>October 3, 2019</td>
<td></td>
</tr>
<tr>
<td>V5.0.1</td>
<td>August 29, 2019</td>
<td>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</td>
</tr>
<tr>
<td>V5.1.0</td>
<td>November 7, 2019</td>
<td>Support for QRDA Category I R5.1 errata</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bundle Version</th>
<th>Dates</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018.1.0</td>
<td>October 11, 2018</td>
<td><strong>Cypress v4 only</strong>&lt;br&gt;CQL-based measures released in 2018 for the 2019 reporting year&lt;br&gt;eCQM Value Sets as of 9/17/2018.</td>
</tr>
<tr>
<td>2019.0.1</td>
<td>July 25, 2019</td>
<td><strong>Cypress v5 only</strong>&lt;br&gt;CQL-based measures released in 2019 for the 2020 reporting year&lt;br&gt;eCQM Value Sets as of 5/10/2019.</td>
</tr>
<tr>
<td>2019.1.0</td>
<td>November 7, 2019</td>
<td><strong>Cypress v5 only</strong>&lt;br&gt;Precalculated results&lt;br&gt;Updates to Z6 VTE, Z13 N VTE, B GP Peds and 1 BH Infant</td>
</tr>
</tbody>
</table>
Announcements

- **HL7/CMS FHIR Connectathon**
  - January 7-8, 2020 @ CMS Headquarters in Baltimore, Maryland
  - See the FHIR standard at work as Implementation Guides that impact US healthcare payers come to life
  - Use cases such as Payer to Provider Data Exchange, Prior Authorization Support, Payer Alerts, and eCQM Reporting

  
  CMS Connectathon
  
  A US government Use Case Only Event

  January 7-8, 2020 • Baltimore, MD

  – Register at: [https://www.hl7.org/events/cms/2020/01/index.cfm](https://www.hl7.org/events/cms/2020/01/index.cfm)
OPEN DISCUSSION
Next Cypress Tech Talk

- Tuesday, December 3, 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
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://oncprojecttracking.healthit.gov/support/browse/CYPRESS