

Cypress™

Cypress Tech Talk

June 30, 2020



MITRE

The Office of the National Coordinator for
Health Information Technology



Agenda

- Software Updates
 - Cypress v5.4.1
 - Cypress v6 Releases
- Recent Issue
 - Cypress Known Issues Dashboard
- Cypress Versions
- Announcements
- Open Discussion
- Contact Information

*See the Glossary at the back for definitions of terms

Cypress v5.4.1 2015 Edition Options

- As packaged, Cypress v5.4.0 supports the 2015 Edition Cures Update only
 - v5.3.0 was required to test for original 2015 Edition
- Cypress v5.4.1 supports both options
 - 2015 Edition, and
 - 2015 Edition Cures Update
- Released June 4, 2020

The screenshot shows the 'Add Product' form in Cypress v5.4.1. The form is divided into several sections: 'Name', 'Version', 'Description', 'Product Types', 'Certification Edition', 'Certification Types', 'Records Options', 'Bundle Options', and 'Measures Options'. The 'Certification Edition' section is highlighted with a red box and contains three radio button options: '2015 Edition' (selected), '2015 Edition Cures Update', and '2015 Edition Cures Update'. The 'Product Types' section has two radio button options: 'Certification Product' (selected) and 'CVU+ Product'. The 'Records Options' section has two checkboxes: 'Randomize Records' (checked) and 'Duplicate Records' (unchecked). The 'Bundle Options' section has one radio button option: 'Alpha bundle for the 2020 Reporting/Performance period 2020.0.0'. The 'Measures Options' section has four radio button options: 'Eligible Hospital eQMs', 'Eligible Professional eQMs', 'All eQMs', and 'Custom...'. The 'Add Product' button is green and the 'Cancel' button is white.

Add Product

Name

Version

Description

Product Types

- ☒ Certification Product
- ☐ CVU+ Product

Certification Edition

- ☒ 2015 Edition
- ☐ 2015 Edition Cures Update

Select the certification edition.

Certification Types

- ☐ C1 Test
- ☐ C2 Test
- ☐ C3 Test
- ☐ C4 Test

Select the certification type Cypress should use to certify this product

Records Options

- ☒ Randomize Records
- ☐ Duplicate Records

Recommended for most robust testing.

Bundle Options

- ☒ Alpha bundle for the 2020 Reporting/Performance period 2020.0.0

Select the measure versions Cypress should use to certify this product.

Measures Options

- ☐ Shift Records

Selecting Shift Records will move patient data forward into the appropriate reporting period. Otherwise patient data will remain in a previously completed calendar year.

- ☐ Eligible Hospital eQMs
- ☐ Eligible Professional eQMs
- ☐ All eQMs
- ☐ Custom...

Indicate the clinical quality measures Cypress should use to certify this product. Testing will be performed on a measure-by-measure basis. Click 'Custom' to specify individual measures.

Add Product **Cancel**

Software Updates

Cypress v6 Releases

- **Cypress v6 Alpha release May 21, 2020**
 - HL7 QRDA Category 1 R5.2
 - 2021 CMS QRDA Implementation Guide for Hospital Quality Reporting
 - Initial support for 2021 reporting/performance period eCQMs
 - 9 EH/CAH eCQMs
 - 47 EP/EC eCQMs
 - 1 Hybrid eCQM (CMS529)
- **Final Cypress v6 release anticipated late July 2020**

Recent Issue

Cypress Known Issues Dashboard

- <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

Cypress Known Issues			
Cypress Known Issues			
Below are tables that list known issues for the most recent Cypress Versions			
Release Notes for Cypress Versions can be found here			
Filter Results: Cypress Known Bugs 5.2.0			
Summary	2020 Performance Period EP/EC eCQMs	2020 Reporting Period EH eCQMs	Solution
CMS 145 Denominator Issue			...
QRDA III giving C3 Execution: An internal error occurred			
QRDA-I Validation Error			
1-3 of 3			

Cypress Versions

Version	Dates	Measures Supported
V5.3.0	March 12, 2020	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains feature improvements and fixes for bugs found in Cypress v5.2.0.
V5.4.0	May 14, 2020	Support for certification changes due to regulation updates in the Cures Interoperability Rule. Adds more de-duplication realism.
V6 Alpha	May 21, 2020	Initial support for QRDA Category 1 R5.2 and 2021 reporting/performance period eCQMs.
V5.4.1	June 4, 2020	Support for 2015 Certification Edition OR 2015 Certification Cures Updated Edition.

Bundle Version	Dates	Features
2019.1.1	December 19, 2019	Cypress v5 only CQL-based measures released in 2019 for the 2020 reporting year. Removed retired measures as announced on November 19, 2019.
V6 Alpha	May 21, 2020	Cypress v6 only Initial CQL-based measures released in 2020 for the 2021 reporting year.

*Cypress v4 and the 2018 bundle are moving into retirement due to the end of the 2019 reporting period.

Reporting end dates: April 30, 2020 for EP (source: [QPP](#)). May 1, 2020 for EH (source: [QualityNet](#)).

Announcements

- **Now Available: Updated eCQM Data Element Repository (DERep) for 2021 Reporting and Performance Periods**
 - The [eCQM Data Element Repository \(DERep\)](#) now includes information for 2021 reporting and performance periods.
 - The [eCQM DERep](#) provides the data elements associated with eCQMs in CMS quality reporting programs, as well as the definitions for each data element. This information is intended to improve clarity for those implementing eCQMs.
 - Full announcement can be found on the eCQI Resource Center at <https://ecqi.healthit.gov/now-available-updated-ecqm-data-element-repository-derep-2021-reporting-and-performance-periods>
- **CMS has published a guidance update for the [Quality Data Model \(QDM\) version 5.5](#).** The referenced document clarifies some of the definitions and fixes minor errata noted in the document initially published to the eCQI Resource Center in August 2019.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, July 14, 2020 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://oncprojecttracking.healthit.gov/support/browse/CYPRESS>

Glossary

- **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**