Measure Authoring Tool 6.04 FHIR

MAT 6.04 FHIR
MAT 6.04 QDM

Release Notes

Scheduled Release 02/11/2021

Feb 11, 2021
The MAT Bonnie Team

MAT 6.04 FHIR

FHIR Measure and Library Updates

MAT 6.04 Release – FHIR Updates Only

Changes Included in this Release:

FHIR Naming Standards – The MAT will Update

eCQM ID:
- A FHIR Measure's eCQM ID has FHIR appended to it: 111 versus 111FHIR
- →For New Measures
- →When QDM Measures are converted, creating new FHIR Measures
- Going forward FHIR Export Artifacts will reflect the new eCQM ID format

MAT 6.04 Release – FHIR Updates Only

FHIR Exports produced by the MAT Reflect new FHIR Naming Standards

- FHIR Export Artifact Folder Names
- FHIR Export Artifact File Names
- Bonnie will work with new File Name Format

No	Artifact	Current Name	Proposed Standard	Examples	File Extension
1	Folder	eCQM Abbreviated Title_MAT Version_Artifacts	eCQM Abbreviated Title-vMeasure Version-Type-Model Version	CMS104-v1-0-FHIR-4-0-1	
2	Human-readable	human-readable (hard coded, constant)	eCQM Abbreviated Title-vMeasure Version-Type-Model Version.html	CMS104-v1-0-FHIR-4-0-1	.html
3	JSON	measure-json-bundle (hard coded, constant)	eCQM Abbreviated Title-vMeasure Version-Type-Model Version.json	CMS104-v1-0-FHIR-4-0-1	.json
4	XML	measure-xml-bundle (hard coded, constant)	eCQM Abbreviated Title-vMeasure Version-Type-Model Version.xml	CMS104-v1-0-FHIR-4-0-1	.xml

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FHIR Naming Standards

What the Measure Developers Must Do to Adhere to Naming Conventions:

Measures and Libraries: Title and Name are editable fields

The MAT will update these fields when we convert a QDM measure or library to FHIR

But For New or Existing FHIR Measures Please:
- Append FHIR to the Abbreviated Title
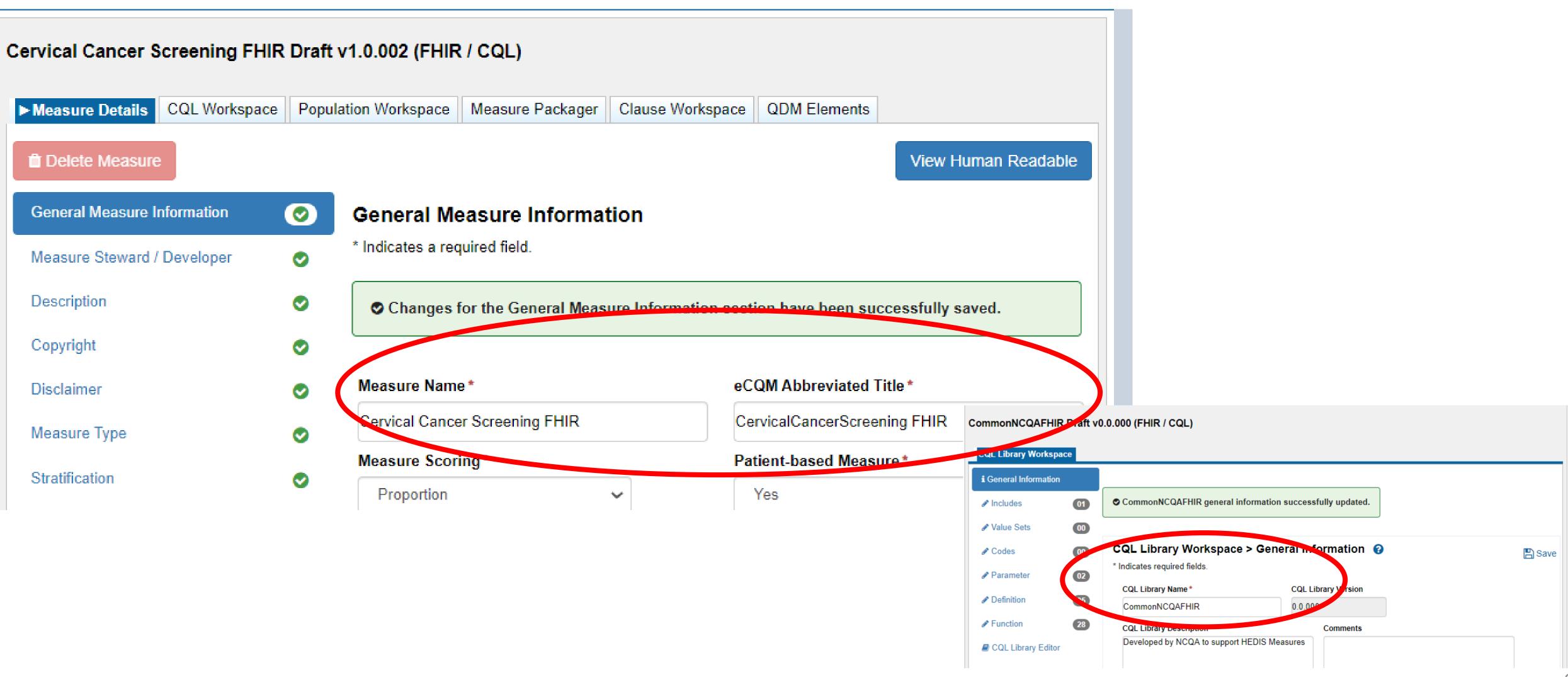- Append FHIR to the Name

Example:
QDM: Children who have dental decay or cavities
FHIR: Children who have dental decay or cavities FHIR

MAT 6.04 Release – FHIR Only

FHIR Naming Standards
- Editable fields the Measure Developer will Maintain

MAT 6.04 Release

QDM to FHIR Conversion Enhancements

When creating FHIR measures in the QDM to FHIR Conversion Process:

- The new FHIR measure will become a separate measure rather than being placed in the QDM measure.

- You will be able to have a draft of the QDM measure and FHIR measure at the same time

- The FHIR measure will adhere to the FHIR naming standards:
- → eCQM ID will contain FHIR
- → We will append FHIR to the Name
- → We will append FHIR to the Abbreviated Title

- Both QDM and FHIR measures have detailed history on who converted and when

- WE WILL UPDATE THE EXISTING FHIR MEASURES AUTOMATICALLY FOR YOU

Data Before the Upgrade

Name Meas111	Model	State	
Meas111 draft 2.0	FHIR	Draft	Move into the new FHIR measure
Meas111 version 7.2	QDM	Versioned	
Meas111 version 7.1	QDM	Versioned	
Meas111 version 1.1	FHIR	Versioned	Move into the new FHIR measure
Meas111 version 1.0 (Was converted to FHIR from QDM Meas111 v 7.0)	FHIR	Versioned	Move into the new FHIR measure
Meas111 version 7.0	QDM	Versioned	
Meas111 version 6.0	QDM	Versioned	

Run the Update to move FHIR versions within a QDM measure into a new FHIR Measure

New FHIR Measure

Name Meas111FHIR	Model	State
Meas111 draft 2.0	FHIR	Draft
Meas111 version 1.1	FHIR	Versioned
Meas111 version 1.0	FHIR	Versioned

Remaining QDM Measure

Name Meas111	Model	State
Meas111 version 7.2	QDM	Versioned
Meas111 version 7.1	QDM	Versioned
Meas111 version 7.0	QDM	Versioned
Meas111 version 6.0	QDM	Versioned

MAT 6.04 Release

EXAMPLE:

We will move FHIR Versions created from QDMs into separate FHIR Measures

Same eCQM ID + FHIR
Same Name + FHIR
Same Abbreviated Title + FHIR

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Other Updates included in this Release

- Included Retrieves in FHIR Human Readable export data requirements
- Removed a tooltip from the CQL Editor that obscured error message displays

Questions?

Contact Us!

Create a MAT and Bonnie Issue Tracker here:

https://oncprojectracking.healthit.gov/support/projects/BONNIEMAT/summary