



MAT & Bonnie User Group



*Hosted by:
SemanticBits
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Disclaimer

This meeting is being recorded to ensure notes and action items are captured accurately.

Attendees who have objections to the meeting being recording are asked to let the facilitator know at this time.

Agenda and Objectives

Agenda

1. MAT Updates
2. Bonnie Updates
3. Tool Modernization - MADiE Update
4. Community Questions & Discussion
5. Review of Resources

Objectives

- Inform MAT & Bonnie users of current and planned activities
- Create a forum to gather community feedback on future enhancements
- Foster Collaboration through open community discussion

Measure Authoring Tool

MAT 6.10 QDM

MAT 6.10 FHIR

Measure Authoring Tool

Current State:

- MAT 6.10 maintenance was released August 9th and is currently available to users.
- Detailed release notes as well as the user guide are available on the MAT web site under Training and Resources
- This version of the MAT supports the authoring of both the QDM/CQL using QDM version 5.6 as well as FHIR based measures.
- An unplanned maintenance release was done 8/16/21 to correct intermittent login issues and problems with certain MAT functions

Measure Authoring Tool

Maintenance:

- Maintenance is usually zero down time.
- Any known downtime for maintenance will be communicated to all users via email.

Measure Authoring Tool

Included in the August 9th Release:

1. FHIR Human Readable export files have been enhanced to include Definitions referenced in measure libraries
2. Users can now log into Bonnie from MAT using their HARP ID. It is a single sign on login, using the same HARP ID used to log into the MAT.

Bonnie

Bonnie 4.3.0 QDM (Prior)

Bonnie 5.0 QDM

Bonnie 6.2.0 FHIR

Bonnie Prior Current State

Bonnie 4.3.0 Prior

- Supports QDM 5.5
- Requested patient conversion defaults implemented
- Users use HARP IDs for authentication
- Group Account functionality is available
- Users will receive a warning after 10 minute of inactivity and logged out after 15 minutes

Bonnie QDM Current State

Bonnie 5.0 QDM

- Supports QDM 5.6
- Supports QDM/CQL to CQL 1.5
- Patient conversion functionality disabled until a future Bonnie QDM release
- Users use HARP IDs for authentication
- Group Account functionality is available
- Users will receive a warning after 10 minute of inactivity and logged out after 15 minutes

Bonnie FHIR Current State

Bonnie 6.2.0 FHIR

- Users use HARP IDs for authentication
- Group Account functionality is available
- Users will receive a warning after 10 minute of inactivity and logged out after 15 minutes
- Additional support for QI Core Attributes
- Updated to correct errors some users were receiving when trying to import converted test patients

Bonnie FHIR

Currently Supported Attributes as well as requested attributes are linked on the Bonnie and MAT issue tracker on the summary page:

<https://oncprojecttracking.healthit.gov/support/projects/BONNIEMAT/summary>

Bonnie FHIR

Future Releases:

- Bonnie FHIR will be releasing incrementally to add new FHIR features
 - Users will be notified when those release dates are determined.
 - Attributes adding in the release will be noted in the release notes
 - Submit requests for additional QI-Core Attribute support to the MAT and Bonnie Issue Tracker:
<https://oncprojecttracking.healthit.gov/support/projects/BONNIE/MAT/summary>

Bonnie

Maintenance:

No planned maintenance currently.

Known Issues:

1. The QRDA export is not correctly reflecting relevant date time. There is no workaround, but this will be addressed in an upcoming release.
2. For Bonnie FHIR, a measure calculation error may be encountered. The tuple naming convention requires an update. The team is working with additional contributors and will address this in an upcoming release.
3. For Bonnie FHIR, measures that include stratification are not displaying properly for users to test. There is no workaround at this time, but this will be addressed in an upcoming release.
4. Patient Description value is not transferring to imported FHIR Patients
5. The Bonnie team is looking into issues with dates and their precision. We are working on a fix for precision for measurement period and patient conversion. After these fixes are in place we will evaluate if time zones are playing any role in the issues people are seeing with calculation of edge cases in Bonnie

Bonnie Migration to HCQIS

Bonnie Migration to HCQIS

- Bonnie Prior, Bonnie QDM and Bonnie FHIR have been migrated to a new CMS environment
 - Due to an error with one of our vendors this occurred on Friday, August 13th around 1 pm ET
 - Users in the tool at this time may have experienced a brief connectivity issue
 - Data entered during this time may need to be recreated
 - We encourage users to verify if you were working in the tool on Friday afternoon
- All Bonnie tools now are using user's HCQIS Access Roles and Profile (HARP) IDs to login
- If users do not have HARP IDs they can request a HARP account here: <https://harp.cms.gov/register/profile-info>
- If the email address previously used with your Bonnie account matches your HARP ID your account will be linked automatically
- If the email address previously used is different, you will receive a message to contact the Bonnie Help Desk at: Sb-bonnie-help@semanticbits.com to provide your HARP credentials

Group Account Measures and Test Patients

- Measures and test patients residing in each Bonnie account will remain unchanged during this group account access process.
- This activity is related to access only. No changes will be made to the data residing in any existing Bonnie account.
- Note: Please contact the Bonnie team through the MAT and Bonnie Issue Tracker if any changes are needed to the measures and or test patients that reside in a specific account.

Tool Modernization

Measure Authoring Development Integrated Environment (MADiE)

MADiE - Tool Modernization

- MADiE is the modernization effort for MAT and Bonnie
Measure Authoring Development Integrated Environment
- Current Activities
 - Technical Research and proof of concepts regarding the base editor selection
 - Documenting As-Is and To-Be requirements for users, organizations, roles and permissions
 - Selected a MADiE Logo and are working on a color scheme and iconography selection

MADiE Discussion Topic

User Roles:

- Measure Developers
- Testers
- Reviewers
- Organization Administrator
 - An organization may have more than one administrator
- Administrator

A user may have one or more roles

MADiE Discussion Topics

User Roles

- **Measure Developer:** A MADiE user who creates or maintains measures and libraries
- **Tester:** A MADiE user who builds patient test cases and executes tests against measures.
- **Reviewer:** A MADiE user who reviews measures, libraries, test cases and may make comments on the reviewed item.
- **Org Admin:** A user who has additional privileges to maintain measure, library and test case ownership and data associated with an organization and its groups
- **Admin:** An administrator who is part of the tool teams. These users have additional privileges to maintain the MADiE system.

MADiE Discussion Topics

Groups

- A group is a list of users
- Groups are dynamic entities, not static
 - A member of a group (as that group is defined today) has access to the measures, libraries or test cases shared with that group
- A group can be created to represent the active users in an organization
- Groups can be constrained to one single organization or can contain users across multiple organizations
- Groups are created and maintained by Org Admins

MADiE Discussion Topic

User Permissions

- Users who can Edit:
 - Owners of libraries, measures and test cases
 - Users with whom libraries, measures and test cases are shared
 - Users in Groups with whom measures, libraries and test cases are shared
- Users who can View:
 - Non-Owner Users with whom data is not shared
- Users who can Comment:
 - Reviewers
 - Owners
 - Users with whom measures, libraries and test cases are shared
 - Users in Groups with whom measures, libraries and test cases are shared

MADiE Discussion Topic

User Permissions

- Users with edit privileges can:
 - Edit
 - Share
 - Draft
 - Version
 - Convert
 - Package and Bundle
 - Archive*

* The Delete function will be replaced with an Archive function

Community Questions & Discussion

User Group Discussion

- Topic suggestions and questions for the User Group can also be submitted through the Bonnie MAT Issue Tracker located here:

<https://oncprojecttracking.healthit.gov/support/projects/BONNIEMAT/summary>

- Additional questions or comments can be submitted by using the chat feature or raising your hand and we will unmute your line.

User Submitted Discussion Topic

Regarding Bonnie MAT tickets 968 and 969:
Please provide an overview of the issue and resolution for these tickets.

Issue: FHIR measures have been reported with missing definitions

Resolution: This can occur if the measure and libraries are using different versions MAT Global Common Functions. We are advising users to update their measures to reference a single version.

Reference:

<https://oncprojecttracking.healthit.gov/support/browse/BONNIEMAT-968>

<https://oncprojecttracking.healthit.gov/support/browse/BONNIEMAT-969>

Resources

Resources

MAT Public Website:

<https://www.emeasuretool.cms.gov/>

MAT 6.10:

<https://www.emeasuretool.cms.gov/MeasureAuthoringTool/Login.html>

Bonnie 4.3.0 QDM (Prior) (QDM version 5.5):

<https://bonnie-prior.healthit.gov/>

Bonnie 5.0 QDM (QDM version 5.6):

<https://bonnie.healthit.gov/>

Bonnie 6.2.0 FHIR:

<https://bonnie-fhir.healthit.gov/>

Bonnie MAT Issue Tracker:

<https://oncprojecttracking.healthit.gov/support/projects/BONNIEMAT/summary>

eCQI Resource Center:

<https://ecqi.healthit.gov/>