MAT & Bonnie User Group

October User Group

Hosted by:

SemanticBits

October 21, 2021

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 Updates
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 September 29th 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
- MAT 6.10 Training Video is now available under Training and Resources
- For QDM measures, the MAT 6.10 will continue to use version 1.5.3 of the CQL-ELM translator. For FHIR measures, the MAT 6.10 will now use version 1.5.4 of the CQL-ELM translator.

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 September 29th Release:

1. Application timeout was increased from 15 minutes to 30 minutes
2. Implemented update to address security vulnerabilities
3. Updated the CQL to ELM translator from 1.5.2 to 1.5.4 for FHIR measures and libraries only

Bonnie

Bonnie 4.3.0 QDM (Prior)

Bonnie 5.0 QDM

Bonnie 6.2.1 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 4.3.0 Prior maintenance release on 9/8/21
  - Patient conversion functionality re-enabled
  - Milliseconds no longer included in conversion
  - Patient description included in conversion

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 QDM

Future Release:

- Next release targeted for late October
- Bonnie 5.1.0 will include:
  - Increased application timeout from 15 minutes to 30 minutes
  - Providing users with the functionality to export and import test patients within Bonnie
  - Final scope and timing will be shared with all Bonnie QDM users

**Increased application timeouts for Bonnie FHIR and Prior will be introduced with planned releases

Bonnie FHIR Current State

Bonnie 6.2.1 FHIR

- Released 9/27/21
- Allows users to assign cardinality for a subset of attributes. This provides the ability for users to add additional attributes of the same type to a single test patient.
- Includes support for codableConcept values in extensions
- Provides users with the functionality to reference existing resources within a test patient
- Adds Negation Rationale support for medicationRequested, ServiceRequested, and Communication

Bonnie FHIR

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

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

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

Design Updates

MADiE

MADiE Design Updates

What We've Done

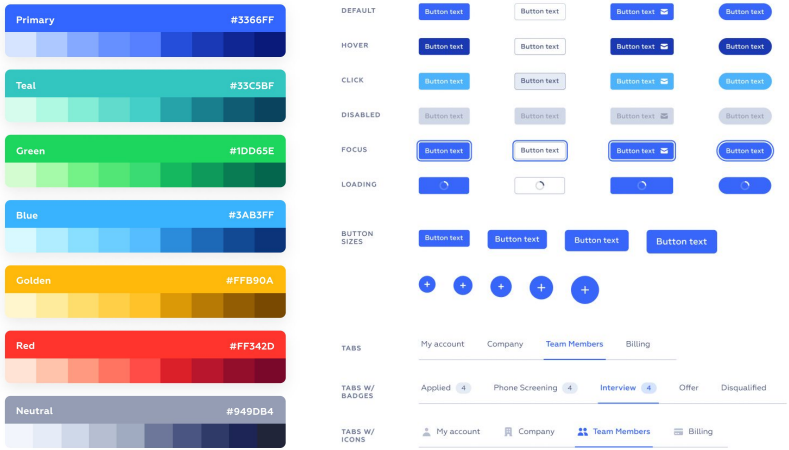
- MADiE Logo/Branding
- MADiE Style Guide
- Public Facing/Marketing Site

What We're Doing

- Application Wireframes
- Bonnie UI Updates
- User Testing

MADiE Design Updates

MADiE



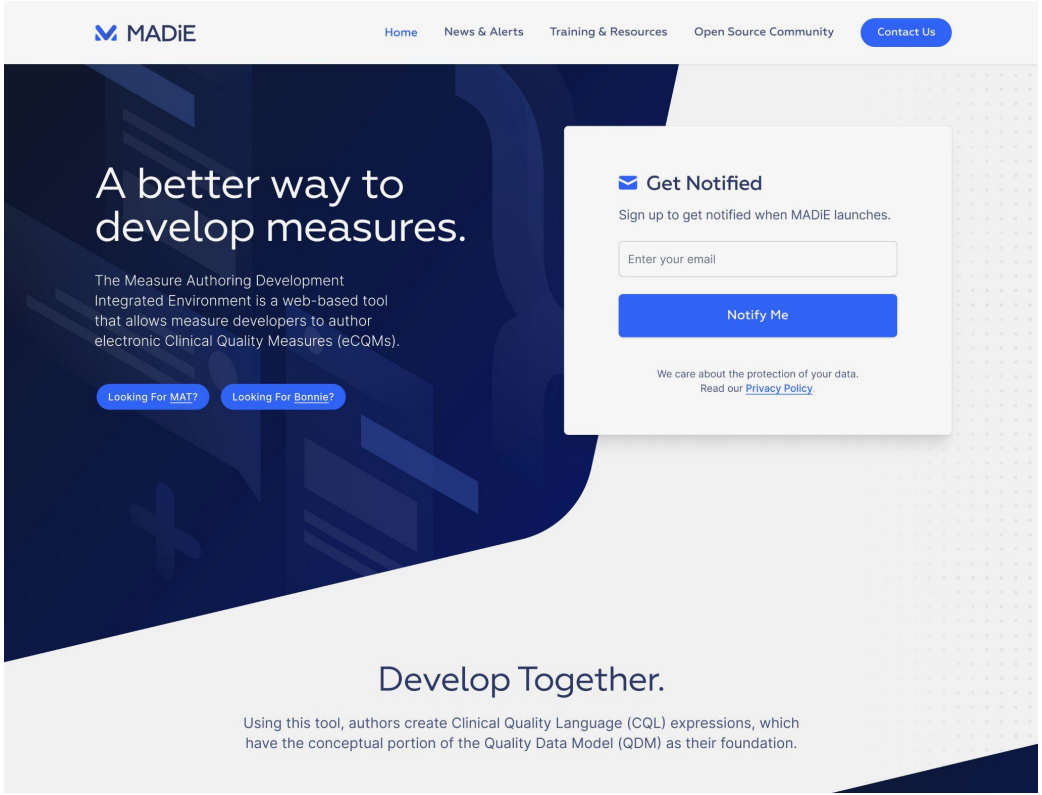
MADiE Style Guide

From the new logo, color palettes, and all the way down to the icons used, we created a style guide for developers to reference when building MADiE.

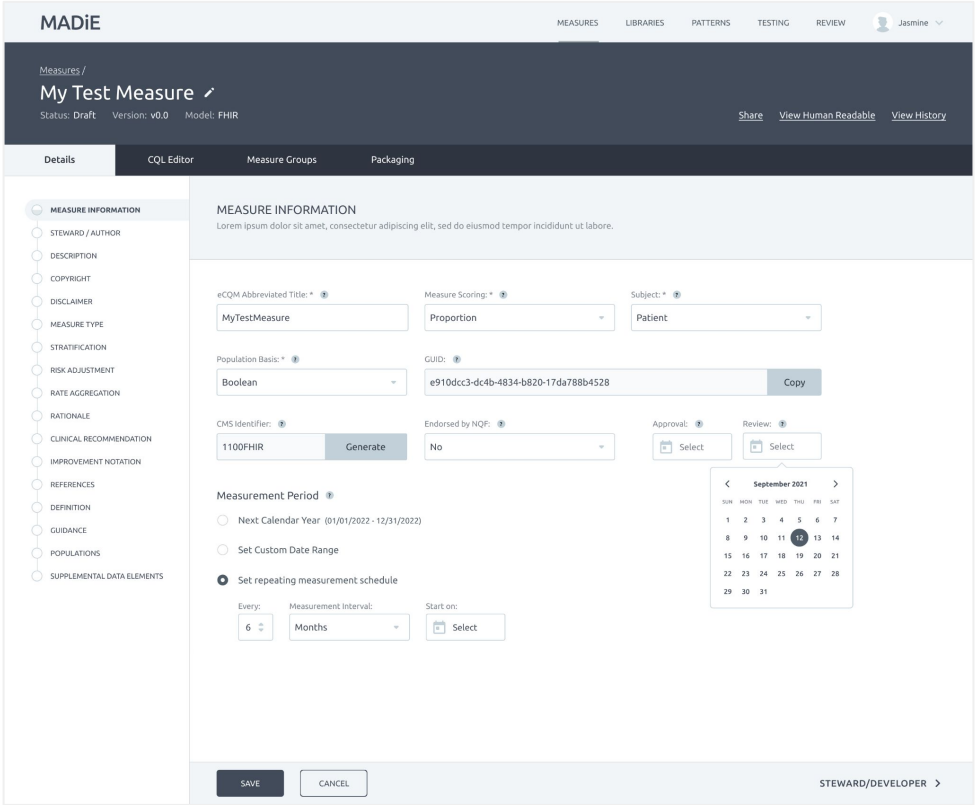
MADiE Design Updates

MADiE Website Refresh

Utilizing our style guide, we created a landing page for future MADiE users to visit to get the latest info on new MADiE features. They'll even have the option to sign up to be notified when the application has officially launched.



MADiE Design Updates



MADiE Wireframes

From creating, packaging, and testing measures, we are re-designing the application from the ground up to be a better experience for all users.

We're looking for participants to user test our wireframes.

Interested?

Email: darius.bounds@semanticbits.com

MADiE Design Updates

What's Next?

- Continue designing application wireframes
- Conduct User Testing
- Develop further interactive prototypes for users

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://oncprojectracking.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 Group Questions

1. Bonnie FHIR - Adding negation rationale to Bonnie FHIR patients

2. MADiE Ambassadors - what to expect for upcoming engagement needs

Bonnie Group Account Request Form

- Bonnie 5.0 QDM introduced the concept of Group Accounts
- Group Accounts are accounts that can have measures and test cases that multiple Bonnie users can access.
- Group Accounts must be requested using the Group Account Request Form found on the MAT Public Website > Training > Bonnie Helpful Links
- Bonnie Group Account Request Form

Bonnie Group Account Requests

- The form can be used to request a new Group Account or an update to an existing Group Account
- Group Account Request Forms should be submitted through email and not Jira
- sb-bonnie-help@semanticbits.com

Group Account Request Form Inputs

Date:	
New Group Account Name of New Bonnie Group Account: Bonnie Environment(s): Prior___ QDM____ FHIR_____ 1 Is an existing Bonnie **Individual/Organization** Account being changed to a Group Account)? Yes____ No____ Name of existing Bonnie Individual/Organization Account (or N/A): **Note: Include **ALL** Bonnie account email addresses to include at the time of Group Account creation.	**Change to Existing Group Account** Existing Name of **Group** Account: Bonnie Environment(s): Prior___ QDM____ FHIR_____ 2 **Note: Include **ALL** Bonnie account email addresses to add to the existing Group Account.
Primary Owner Contact Information: Name – Organization – Email address – Phone – Back Up Owner Contact Information: Name – Organization – Email address – Phone – 3	
Bonnie account email address who should have **Read/Write*** Access **ADDED:** **Note:** Users must have a Bonnie account in each requested environment prior to being added to the Group Account in that environment. 4	Bonnie account email address who should have **Read/Write*** Access **REMOVED**: 5
Other requests (i.e. *Delete this account, it is no longer being used*) 6	

Return this form to the MAT Bonnie Help desk via email

1. For new Group Accounts: provide the name of the Group Account for which you are requesting to be created, environment and the name of an existing account that will now be a Group Account, if applicable.
2. For updates, please provide the name of the existing Group Account and environment.
3. For new accounts, please provide contact information for Primary and Backup Owners. For updates, forms should be submitted via email by one of the two owners.
4. New or updates: Individuals who should have access, can be submitted with initial Group Account Request form to create new account of after to add new users to the group.
5. New or updates: Individuals who should be removed should also be evaluated and submitted by the Primary or Backup Owner
6. Something else? Please just let us know!

Resources

Resources for Users

Bonnie and MAT Troubleshooting Guides

- Located on the ONC Jira Bonnie MAT Issue Tracker – Summary page
  - Bonnie Troubleshooting Guide
  - MAT Troubleshooting Guide

Tool Release Table

- Located on the MAT Public web site under Training and Resources/MAT Helpful Links
- Bonnie and MAT Release Schedule

Negation Rationale in Bonnie FHIR

- Located on the MAT Public web site under Training and Resources/Bonnie Helpful Links
- Bonnie FHIR: How to use Negation Rationale

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 6.2.1 FHIR:
https://bonnie-fhir.healthit.gov/

Bonnie MAT Issue Tracker:
https://oncprojectracking.healthit.gov/support/projects/BONNIEMAT/summary

eCQI Resource Center:
https://ecqi.healthit.gov/