QBlock publication

Passura QBlock metadata updates must be published to HelperDatabase to be available to downstream applications (CanView, Object Stadium, etc.).

Overview

Passura uses the term *publish* to describe sending QBlock metadata to HelperDatabase to synchronize information between the two systems.

- Initial publication creates a HelperDatabase entry for each QBlock in a Passura list. During this process, each QBlock name in Passura is replaced with an assigned QBlock ID.
- QBlocks for publication or re-publication join a system-wide processing queue at the end of the line. When your QBlock list advances to first in the queue, it takes about one minute per QBlock to publish the list.
- Individual and bulk updates made *in Passura* to published QBlocks automatically re-publish to HelperDatabase upon save. Bulk updates made *in PassApps* must be manually-re-published.

Once publication completes, downstream applications pull metadata from HelperDatabase and content from Passura for the QBlocks in the list.

Publish to HelperDatabase

Use Passura lists and source folders to publish metadata to the HelperDatabase.

Before you begin

Publication requires a Passura source folder that corresponds to a HelperDatabase folder. Create a new source folder if necessary, using the EXACT HelperDatabase Folder Name in all caps for the reference.

Prior to publishing QBlocks:

1. Review QBlocks for the following tag values:
   - **Approved Use:** All QBlocks.
   - **Last Use:** When applicable.

   The publication error report will produce a warning if Approved Use and Last Use are blank, but QBlocks will publish.

   - **QBlock Type:** Required for QBlock set containers/vignettes.
2. Verify that all block and option fields contain text.
3. Ensure that all QBlock options have labels.
4. Validate QBlocks to check for potential HTML errors that could interfere with publication.

Validate QBlocks to identify errors

Run the validation process on QBlocks prior to publication, to identify QBlocks that will fail publication and make any corrections. This process validates that QBlocks have the required metadata and proper HTML for publication, but does not write any information to HelperDatabase or assign QBlock IDs in Passura.

You can also use validation to identify table, media, and other non-publication errors in tasks and Word exports.

1. From search results or from another list, select all QBlocks to validate.

2. Save the QBlocks to a new list. Select *QBlock Validation* as the **Parent Folder** and leave **Publish changes to this list** checked.

If *QBlock Validation* does not show in the **Parent Folder** dropdown, you do not yet have access to this folder. Contact your manager for access.

3. Save the list to start the QBlock validation process. When the process completes, you receive an email reporting any failed QBlocks and reasons.
4. Make any corrections before publication.

Initial QBlock publication to HelperDatabase

Manually publish new QBlocks for the first time when you are ready to commit them to HelperDatabase or need to access them in downstream systems (HelperDatabase WebApps, Fred Viewer, etc).

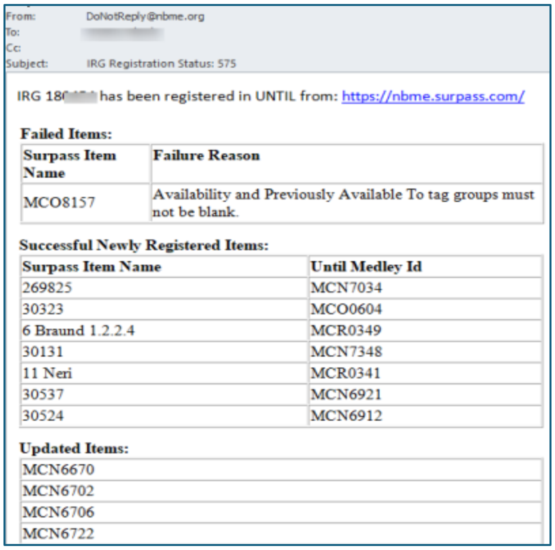
This process is not intended for already published QBlocks with QBlock IDs.

1. From search results or from another list, create a list with your source folder as the **Parent Folder**.

   [Redacted screenshot: List creation pop-up]

   The **Parent Folder** for a publication list becomes the **Owner Folder** for the QBlocks in HelperDatabase.
2. Check **Publish changes to this list**. This step cannot be undone once the list has been saved.
3. Click **Save** to save the list and kick off the publication job.

When the job completes, you receive an email from QBlockmover@nbme.org with a list of the published QBlocks, their new IDs, and any publication warnings and notes.



From: DoNotReply@nbme.org
To: [redacted]
Cc:
Subject: IRG Registration Status: 575

IRG 18[redacted] has been registered in UNTIL from: https://nbme.surpass.com/

Failed Items:

Surpass Item Name	Failure Reason
MCO8157	Availability and Previously Available To tag groups must not be blank.

Successful Newly Registered Items:

Surpass Item Name	Until Medley Id
269825	MCN7034
30323	MCO0604
6 Braund 1.2.2.4	MCR0349
30131	MCN7348
11 Neri	MCR0341
30537	MCN6921
30524	MCN6912

Updated Items:

MCN6670
MCN6702
MCN6706
MCN6722

Failed QBlocks display an error message. Successful QBlocks show the original QBlock names and corresponding QBlock IDs.

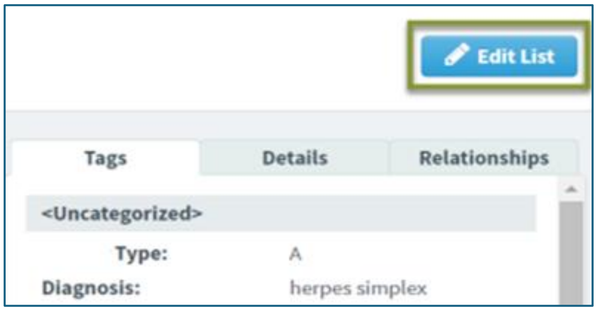
Automatic re-publication

Individual and bulk updates made in Passura to published QBlocks automatically re-publish to HelperDatabase upon save. Bulk updates made in PassApps must be manually re-published.

Manually re-publish PassApps changes

PassApps updates to published QBlocks do not automatically re-publish. You must manually re-publish these changes. Publication can be performed from any list parented by the source folder. This could be the same list as used for PassApps updates.

1. Open a list of QBlocks you want to re-publish and click **Edit List.**

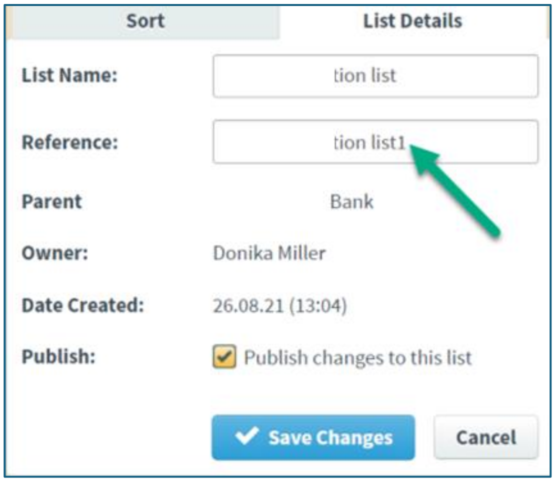


Type: A
Diagnosis: herpes simplex

2. Click the **List Details** tab.

   – **If your list has NOT already been used for publication**: Select Publish changes to this list and save the list.

   – **If your list HAS already been used for publication**: Edit the **Reference** by appending a number to the end. Do not change **List Name**. Save your changes.



List Name: tion list

Reference: tion list1

Parent Bank

Owner: Donika Miller

Date Created: 26.08.21 (13:04)

Publish: ☑ Publish changes to this list

3. QBlocks enter the publication queue when the list's changes are saved.

When the job is complete, you will receive an email from QBlockmover@nbme.org with any publication details.

Next steps

Once metadata updates are published to HelperDatabse, this information can be accessed and used in current reporting cycles. As well, it is available to review and test in downstream applications like CanView and Object Stadium.

Publication troubleshooting

The tables below list errors and warnings that you might receive after running publication or validation. Failure errors must be fixed before publication can be completed. Warnings do not prevent publication, but alert you to potential QBlock problems.

For publication failures that involve HTML issues, you can edit the source code to remediate the issue, or contact AO Tech for assistance in fixing the QBlocks. For other errors, please use the table below to resolve.

Failure message	Fix
Parent folder '2020-XXXX-TMDC' for this list is not found in HelperDatabase	The list's parent folder is incorrect or does not match the name in HelperDatabase.
Question text is blank	Enter question text.
One or more Options is blank	Enter text for all options, or delete blank options as necessary.
QBlock type is missing in Passura	Select the correct QBlock Type (B, E, F, G, or R) in Passura.
One or more Options is missing label	Remove and re-apply option set labels to the affected QBlocks.
Unable to update Base Block ID tag group in Passura to xxxxxxxxx	Verify that Stem Object ID tag group exists in the source folder. Add this tag group in folder setup as shown (click to enlarge) without adding any values. Re-publish to update the correct

	QBlock values from HelperDatabase.
Warning: org.hibernate.exception.ConstraintViolationException	This warning indicates that there may be invalid HTML formatting in the affected QBlock. The QBlocks will publish, but can cause issues in downstream and delivery systems such as CanView, Object Stadium.