

Release 1.7.08a

Wednesday, November 23, 2016 10:16 AM

Database Testing Checklists

The 1.7.08a Release contains fixes that directly affect the i2b2 databases and therefore need to be tested against each of the supported databases before the software can be released. This testing checklist is specific to the 1.7.08a changes and is to be used as a guide when testing against an **Oracle**, **PostgreSQL**, or **SQL Server Database**.

- If an item is working correctly it will be checked off.
- If an item is not working correctly it will not be checked off. It will be highlighted to indicate it was tested but issues were found and being addressed.

Queueing Checklist:

- Query times out of each queue at the designated time.
- Query moves from the small queue to the medium queue without any problems.
- Query moves from the medium queue to the large queue without any problems.
- Query stops running on the server once it times out of the large queue.
 - 😊 **Resolved:** *Queries were continuing to run on the server even though they timed out of the large queue.*
- Next query in the medium queue transitions to running as soon as the previous one finishes.
- Next query in the large queue transitions to running as soon as the previous one finishes.
- If an error occurs with a query in the medium queue, the next query transitions to running without an problems.
 - 😊 **Resolved:** *Queries were not running if the previous query resulted in an error; This has been fixed and now when a query results in an error the remaining queries in the medium queue will run as scheduled.*
- If an error occurs with a query in the large queue, the next query transitions to running without an problems.
 - 😊 **Resolved:** *Queries were not running if the previous query resulted in an error; This has been fixed and now when a query results in an error the remaining queries in the large queue will run as scheduled.*

- ✓ **QT_QUERY_INSTANCE table:** When the *query finishes*, the **BATCH_MODE** is updated with the appropriate status.
- ✓ **QT_QUERY_INSTANCE table:** When the *query finishes*, the **STATUS_TYPE_ID** is updated with the appropriate status.
- ✓ **QT_QUERY_INSTANCE table:** When the *query finishes*, the **END_DATE** is updated with the appropriate date and time.
- ✓ **QT_QUERY_INSTANCE table:** When the *query times out of the large queue*, the **BATCH_MODE** is updated with the appropriate status.
- ✓ **QT_QUERY_INSTANCE table:** When the *query times out of the large queue*, the **STATUS_TYPE_ID** is updated with the appropriate status.
 - 😊 **Resolved:** *The status was being set to INCOMPLETE; This has been fixed and the status is now TIMEDOUT.*
- ✓ **QT_QUERY_INSTANCE table:** When the *query times out of the large queue*, the **END_DATE** is updated with the appropriate date and time.
- ✓ **QT_QUERY_INSTANCE table:** When an *error occurs*, the **BATCH_MODE** is updated with the appropriate status.
- ✓ **QT_QUERY_INSTANCE table:** When an *error occurs*, the **STATUS_TYPE_ID** is updated with the appropriate status.
 - 😊 **Resolved:** *The STATUS_TYPE_ID was being set to INCOMPLETE; This has been fixed and the status is now ERROR.*
- ✓ **QT_QUERY_INSTANCE table:** When an *error occurs*, the **END_DATE** is updated with the appropriate date and time.
- ✓ **QT_QUERY_RESULT_INSTANCE table:** When each *result query finishes*, the **STATUS_TYPE_ID** is updated with the appropriate status.
- ✓ **QT_QUERY_RESULT_INSTANCE table:** When each *result query finishes*, the **SET_SIZE** and **REAL_SET_SIZE** are updated with the appropriate numerical value.
- ✓ **QT_QUERY_RESULT_INSTANCE table:** When the *query times out of the large queue*, the **STATUS_TYPE_ID** for each result is updated with the appropriate status.
 - 😊 **Resolved:** *The statuses were not getting updated; They were remaining as either PROCESSING or QUEUED. This issue has been resolved and the statuses are now being updated to TIMEDOUT.*
- ✓ **QT_QUERY_RESULT_INSTANCE table:** When the *query times out of the large queue*, the **SET_SIZE** and **REAL_SET_SIZE** are updated with 0 (zero).
- ✓ **QT_QUERY_RESULT_INSTANCE table:** When an *error occurs*, the **STATUS_TYPE_ID** for each result is updated with the appropriate status.
- ✓ **QT_QUERY_RESULT_INSTANCE table:** When an *error occurs*, the **SET_SIZE** and

REAL_SET_SIZE are updated with -1.

Browser / Web Client Testing Checklists

The 1.7.08a Release contains fixes that directly affect the i2b2 Web Client and therefore need to be tested before the software can be released. This testing checklist is specific to the 1.7.08a changes and is to be used as a guide when testing the **i2b2 Web Client** in a **Chrome, Firefox, Internet Explorer, or Safari browser** on a **Mac OS X or Windows machine**.

- If an item is working correctly it will be checked off.
- If an item is not working correctly it will not be checked off. However, it will be highlighted to indicate it was tested but issues were found and being addressed.

Queueing / Client Checklist:

- The appropriate time out message is displayed in the Web Client when the query times out and continues to run in the background.
- The appropriate error message is displayed in the Web Client when an error occurs (will only display to the user if the query is still in the small queue; has not timed out and moved to the medium queue).
- The new query statuses appear correctly in *Previous Queries*.
- In *Previous Queries* the query results display with the appropriate status.