

QAD .NET User Interface EE 2011 Cumulative Patch 3 Release Notes

October 2013

These release notes include information about cumulative patch 3 to QAD .NET User Interface 2.9.3.65 for QAD Enterprise Applications — Enterprise Edition 2011 (EE 2011).

After installing QAD Enterprise Applications — Enterprise Edition 2011, you should install the most recent cumulative patch for the QAD .NET UI EE 2011.

Cumulative patches are available from the QAD Store (<http://store.qad.com>).

Review this document *before* proceeding any phase of an implementation.

If you have been working with QAD Services to customize your implementation, be sure to check with QAD Services before installing any patches.

QAD .NET UI for Enterprise Edition 2011 Cumulative Patch changes:

Patch 3 for QAD .NET UI EE 2011 2

Patch 2 for QAD .NET UI EE 2011 4

Patch 1 for QAD .NET UI EE 2011 5

Patch 3 for QAD .NET UI EE 2011

Work Order Backflush Component Issue Editing (UIGS-504)

In Work Order Backflush (16.12), you can now navigate to the Component Issue frame to edit the data. Previously, in the QAD .NET UI, you could not edit the Component Issue frame a second time. You could do it only after exiting out of the program and running it again. (This issue did not exist in the Character UI.)

Price List Report Double-Byte Display (UIGS-425)

Price List Report (1.10.2.3) now displays complete labels when run in double-byte languages with the UTF-8 code page. This issue has been fixed by installing Progress OpenEdge 10.2B Service Pack 07 HOTFIX 22. (See Knowledgebase Article AA-64797.)

Timezone Mismatch and Frequent Session Ping (UIGS-650)

The session timeout now takes timezones into account with a decreased rate of session pings. Previously, the session ping rate was too frequent, causing unnecessary network traffic and decreased system performance.

Reporting Framework: Inconsistent Output Issue (UIG-9001)

The Reporting Framework provides multiple destinations for report output. For example, a scheduled report has the options for Printer, Save Report Output, and Attach Report To Email. In addition, reports that are viewed on the screen can also be saved to a file or printed. Previously, in scheduled or viewed report output, if more than one of these options were chosen for a given report, then there was a possibility that inconsistent output might appear in one or more of the destinations. The problem could consist of inconsistent layout, incorrect page orientation, or incorrect numeric values being displayed. This issue has now been fixed.

Configurable Screens: Pop-up Display Issue (UIGS-627)

In Configurable Screens, the Yes/No pop-up now displays and does not hinder you from proceeding to the subsequent fields in the design frame.

Reporting Framework: Report Caching (UIG-9003)

The QAD Reporting Framework Server now stores scheduled report files only on the server under WebDAV on Tomcat. Previously, a copy of the report was also cached on the Windows machine that was running the QAD Reporting Framework Server. (This applies only to scheduled reports that were set to save the report output.)

If you wish to delete the cached copies of the report files:

- 1 Access the file system of the Windows machine(s) where the Reporting Framework Server has been running.
- 2 Locate the QAD .NET UI storage directory.

Important This directory is the caching directory used by the QAD .NET UI. Do not mistake this directory for the WebDAV storage directory where the actual report files are stored. Usually, the QAD .NET UI storage directory will not be on the same machine as WebDAV (Tomcat).

- 3 The default QAD .NET UI storage directory can be found by typing: %APPDATA%\QAD into Windows Explorer. From this directory level search through the directory tree for webdav-cache. Next, search from here for a directory named c1. In the c1 directory, locate the directory named results. Delete this results directory

Configurable Screens: Required Fields Issue (UIG-9011)

In Configurable Screens, a required field can no longer be skipped by using the Skip button or by entering Ctrl+Enter. Previously, frames added with required fields could be skipped without entering the required field.

Patch 2 for QAD .NET UI EE 2011

Configurable Screens New Frame Error Message (UIGS-349)

In Configurable Screens, after adding a new frame for certain screens, the frame was displayed with the following error message, which should not be displayed: Invalid handle. Not initialized or points to a deleted object. (3135) Cannot access the DEFAULT-BUFFER-HANDLE attribute because the widget does not exist. (3140). This issue has now been fixed.

Local Variable Filter Performance Improvement (UIGS-515)

This change fixes a performance issue and incorrect join specification in browses caused by filtering on local variable columns.

Generalized Codes Display Refresh (UIGS-357)

Previously, the generalized codes drop-down might not display the values until they were refreshed because of case sensitivity. This issue has now been fixed.

Patch 1 for QAD .NET UI EE 2011

Browse Timeout (UIG-8005 and UIG-8062)

Provides a mechanism to set the timeout on a browse “get all records” request to a single value with a `<TreatGetAllAsOneRequest>` setting in the `client-session.xml` configuration file. The “get all records” request is actually a series of requests to the server. Setting the parameter to false will treat each request separately for timeout. Setting the parameter to true will use one timer for the set of requests. Suppose the timeout value is 5 minutes and 3 calls are made, each taking 4 minutes. A false setting would not time out, as no single request exceeds 5 minutes. A true setting will time out on the second request, as the 5 minutes is used up.

User Count Performance (UIG-7373)

Possible memory leaks from the user count routine (`LogUserCountdata.p`) are now handled. Previously, performance could be affected by memory leaks from the user count routine.

Browse URL Links Preserved (UIG-7234)

Browse maintenance now maintains the browse URL links added to the definition. Previously, the links disappeared after updating and saving the browse.

Browse Performance Controls with AIA Support (UIG-8073)

When developing custom browses with Browse Maintenance, be sure to follow the browse performance guidelines described in *User Guide: Introduction to QAD Enterprise Applications*. If not developed carefully, custom browses can cause performance issues.

If custom browses are causing performance issues, you can configure the system to cancel them. Cancelling the browses after a specified time prevents long-running browse queries from adversely affecting application server performance, which can affect all the users of the system.

You can have the system identify, report, and eventually cancel long-running browses. You can alert administrators that a performance problem could be developing by having the system periodically send messages to the Messages InBox and to specified e-mail addresses. The browse name and query conditions are included in the messages to help administrators identify problematic browses and their user-specified conditions.

Browse Performance Control Settings

In general, performance issues can often center around just a few browses. To track particular types of browses, you can use regular expressions to specify the names of the browses you want to monitor and possibly cancel after some specified time. To configure the system to identify, report, and cancel such browses, use the following settings in the client session configuration file (`client-session.xml`), within the `<Browse>...<Notification>` elements. For example:

```
<Browse>
  <Notification>
    <NotifyRole>qadadmin</NotifyRole>
    <NotifyEmail>administrator@yourcompany.com</NotifyEmail>
    <timeout browseId="" warnAt="2" cancelAfter="5"/>
  </Notification>
</Browse>
```

<NotifyRole> indicates which role (or group) of users gets notified on any browse alert. Notification is sent to the Messages Inbox. If blank, no notification is sent to administrators, but the user running the browse gets a browse timeout message.

<NotifyEmail> specifies a comma-separated list of e-mail addresses to which browse alerts will be sent. (The SMTP elements in this file need to be configured for your SMTP server for this setting to work.)

For example:

```
<NotifyEmail>admin1@yourcompany.com,admin2@yourcompany.com</NotifyEmail>
```

<timeout browseId="" warnAt="" cancelAfter="" /> specifies a browse performance warning or cancellation, where:

`browseId` specifies a browse name (such as `ppbr100.p`) or a regular expression (such as `so*`) to specify browse names. The default is blank, which applies the browse performance warnings to all browses.

`warnAt` specifies the interval (in minutes) for sending warning messages to users in the <NotifyRole> role (or group) and e-mail messages to users specified in <NotifyEmail>. The warning messages can alert administrators that a performance problem could be developing because of a long-running browse query. The messages include the browse name and the query conditions entered by the user.

`cancelAfter` specifies the minutes after which the browse will be cancelled, with 0 specifying no cancellation.

Use `warnAt` and `cancelAfter` to have the system report warnings up to some time after which the browse is cancelled automatically. For instance, in `<timeout browseId="so*" warnAt="2" cancelAfter="5"/>`, the system reports warnings two minutes for all browses running whose names start with “so” (for instance, browses related to sales orders). After five minutes, those browses are cancelled.

Note After the patch has been applied, the settings will be available in your `client-session.xml` file but they will be commented out. To activate the settings, remove the comment markers and specify the settings appropriately for your system.

AIA Support

The browse performance controls work for environments using AIA, where QAD Enterprise Applications — Enterprise Edition is using Progress 10.2B. (Note that the Cancel button has been removed because in this case it does not cancel the browse.)