

QAD .NET User Interface Release Notes

September 2011

These release notes include information about the QAD .NET UI 2.9.3.79 (2011.1 EE) fixes and changes.

Review this document *before* proceeding with any phase of a QAD .NET UI implementation.

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Installation and Configuration Information

The following summarizes installation and configuration changes for this version of the QAD .NET UI.

This version of the QAD .NET UI is installed with QAD Enterprise Applications – Enterprise Edition 2011.1 as part of the QDT-based installation process.

Release Summary

QAD .NET UI Version: 2.9.3.79 (2011.1 EE)

Product Versions: QAD Enterprise Applications 2011.1 – Enterprise Edition.

Microsoft .NET Framework Version: 3.0

Tomcat Versions: 5.5.x and 6.0.x. If you are upgrading and have already installed Tomcat 5.5.x, you do not need to upgrade to Tomcat 6. Tomcat 5.5.x is fully supported for use with QAD .NET UI 2011.1 EE.

Operating System: The QAD .NET UI client runs on Windows XP, Windows Vista, and Windows 7. It can run on 64-bit Windows, but only in 32-bit mode.

Note If upgrading from a previous version, please be sure to review the release notes for the versions between your current version and this version. For example, if upgrading from QAD .NET UI 2.9.2 (QAD Enterprise Applications 2010.1 – Enterprise Edition) to this version, refer to the QAD .NET UI 2.9.3 (QAD Enterprise Applications 2011 – Enterprise Edition) Release Notes.

Release History

For information on the QAD .NET UI release history, see the *Platform and Product Availability Guide*, available from the General Reference section of the QAD support site (<http://support.qad.com>). The following table summarizes the recent QAD .NET UI 2.9.x releases.

Version	Date	QAD Product Version
2.9	March 2010	QAD Applications 2010 – Enterprise Edition
2.9.1	June 2010	QAD Applications 2010 – Standard Edition
2.9.2	September 2010	QAD Applications 2010.1 – Enterprise Edition
2.9.3.65	March 2011	QAD Enterprise Applications 2011 – Enterprise Edition
2.9.4	June 2011	QAD Enterprise Applications 2011 – Standard Edition
2.9.3.79 (2011.1 EE)	September 2011	QAD Enterprise Applications 2011.1 – Enterprise Edition

Supported Languages

The user interface supports the following languages in this release:

Chinese (Simplified)	English (US)	Italian	Portuguese (Brazilian)
Chinese (Traditional)	French	Japanese	Spanish (Castilian)
Dutch	German	Polish	Spanish (Latin American)

The following languages have some support, but new terms added in this release may appear in English:

Bulgarian	Greek	Norwegian	Slovenia
Czech	Hungarian	Romanian	Swedish
Danish	Korean	Russian	Turkish
Finnish	Lithuanian	Slovak	Ukrainian

QAD Process Maps 1.0 Now Available

New, redesigned process maps are now available separately from the QAD .NET UI. The QAD .NET UI includes the standard process maps that have been available in previous releases, but the new, redesigned process maps are now available separately as QAD Process Maps 1.0. The new process maps include the following features:

- New colors
- New navigational structure
- Separation of Setup and Run maps
- Process map footer
- New types of maps, including vertical maps, end-to-end maps, Supply Chain maps, and add-on module maps
- Linking to QAD Document Library on the QAD Support Site

The new maps are available on the QAD Process Maps 1.0 release media, which is included with the QAD Enterprise Applications – Enterprise Edition 2011.1 release package. QAD Process Maps 1.0 are not part of the default configuration of the product. Refer to the readme on the QAD Process Maps 1.0 release media for more information on installing and using QAD Process Maps 1.0.

Browse Performance Controls and QAD .NET UI Upgrade

In QAD .NET UI 2.9.3.79 (2011.1 EE), if a browse runs longer than five minutes, the browse will be cancelled and the user will get a browse timeout message. (For more information, see “Browse Performance Controls” on page 4.)

If upgrading a prior version of QAD Enterprise Applications – Enterprise Edition to use QAD .NET UI 2.9.3.79 (2011.1 EE), you will need to edit the `client-session.xml` files in your existing environments to have this browse performance setting. To configure browse cancellation after five minutes, include the following:

```
<Browse>
  <Notification>
    <NotifyRole></NotifyRole>
    <timeout browseId="" warnAt="0" cancelAfter="5"/>
  </Notification>
</Browse>
```

Process Maps and Internet Explorer

You may experience the following issues when maintaining and viewing process maps in Internet Explorer:

- Internet Explorer 8 and 9 do not include the Adobe SVG plug-in, which is required for using the QAD .NET UI's Process Editor. QAD includes the SVG plug-in with QAD .NET UI in the client directory on the home server (in `HomeServerURL/client/SVGView.exe`) so that you can install it on machines running Internet Explorer 8 or 9.
- By default, the Process Viewer uses Silverlight rather than SVG.
- Note that with Internet Explorer 8 and 9, Print Preview is not supported for process maps and they do not print correctly.

HTML Kanban Workbenches Support

HTML Kanban workbenches are not certified for use with Internet Explorer 8 or 9. Use Internet Explorer 7 instead. Additionally, HTML Kanban workbenches are not certified for use with Windows 7.

Browse Collections, Menu Collections, and Metrics Installation

You no longer have to copy the browse collection, menu collection, and operational metrics files from the default directory for Enterprise Edition (*TomcatInstallDir/webapps/qadhome/configurations/default/eB3_storage*). Instead, the content installer in the QDT-based installation process will do that for you based on the system environments you specify while using QDT.

Application Changes

The following summarizes application changes for this version of the QAD .NET UI.

Performance Improvements

In this release of the QAD .NET UI, various issues have been addressed to improve performance and reliability.

Resizing Columns in Manage Workspace Dialog Box

Previously, you could not resize the columns in the Manage Workspace dialog box (Tools|Manage Workspaces). All columns can now be resized.

All Reports in Browse Collection Maintenance

Previously, only Reporting Framework reports could be added to the Reports menu in Browse Collection Maintenance. Now, all Desktop reports (including legacy reports) can be added to the Reports menu.

Thai Codepage Character Correction

Previously, when using Thai codepage MS874, certain characters did not display correctly. This issue has now been fixed.

Screen Display Performance Improvement

Previously, screens with large frames of fields were taking longer than needed to process when no data was entered in the fields. This has been corrected so that the frames are now processed without delay.

Browse Performance Controls

In QAD .NET UI 2.9.3.79 (2011.1 EE), if a browse runs longer than five minutes, the browse will be cancelled and the user will get a browse timeout message.

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 identify those browses, send warnings to the Message Inbox, and cancel the browses after a specified time.

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.

The browse name and query conditions are included in the messages to help administrators identify problematic browses and their user-specified conditions. 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`):

`<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.

`<timeout browseId="browse_name" warnAt="interval" cancelAfter="interval"/>` 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 for sending warning messages to users in the `<NotifyRole>` role (or group). 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="xx*" warnAt="2" cancelAfter="5"/>`, the system reports warnings two minutes for all browses running whose names start with `xx`. After five minutes, those browses are cancelled.

The following is included in `client-session.xml`:

```
<Browse>
  <Notification>
    ...
    <NotifyRole></NotifyRole>
    <timeout browseId="" warnAt="0" cancelAfter="5"/>
    ...
    <!-- Add additional specific browse setting as required
    <timeout browseId="ppbr100.p" warnAt="2" cancelAfter="5"/>
    <timeout browseId="so*" warnAt="2" cancelAfter="5"/>
    -->
    ...
  </Notification>
</Browse>
```

Important The browse performance settings are active by default. If a browse runs longer than five minutes, the browse is cancelled and the user gets a browse timeout message.

How To Disable Browse Total Count Thread

The `<MaximumBrowseRecordsToCount>` configuration setting in the client session configuration file (`client-session.xml`) limits the total count of records for browses, which controls excessive database server load if the query corresponds to a large set of records. (The default is 50,000 records.)

However, counting the records can also have a performance impact. Generally, the greater the number of records that satisfy the query, the longer it takes for the count to complete. In some cases, the count operation can pose such a demand on system resources that disabling it might be warranted.

Custom browses (defined using Browse Maintenance) can include pre- and post-processor logic that can cause the total count thread to impact performance, since the logic would have to be executed across the entire data set to count the records properly. In such cases, you can either change the logic of the custom browses or disable the total count thread for the system.

To disable the total count thread, set `<MaximumBrowseRecordsToCount>` to value less than or equal to zero (for instance, 0 or -1).

Reporting Framework Changes

The following summarizes Reporting Framework changes for this version of the QAD .NET UI.

TrueType Font Error Corrected

Previously, when trying to use some fonts for MICR and/or bar code extensions for reports, the following error was thrown when selecting those fonts from the Reporting Framework Designer's Field Font dialog: "Only TrueType fonts are supported. This is not a TrueType font." This error has been corrected.

Print Output Consistency

Previously, certain discrepancies could occur between a printed report in the Document viewer and the PDF file. For example, when printing from the Document viewer, certain lines that should have been on the first page of a report were on the second page. This issue has been fixed.

Split Number Right Script Object Discrepancy

The `QAD_NumberUtil.SplitNumberRight` .NET script object returns an integer representing the portion of the input number that is to the right of the decimal point, including only a specified number of digits after the decimal point. For example, `SplitNumberRight(35.1234, 2)` returns 12.

Previously, in certain cases, such as if the portion to the left of the decimal point ended in zero (0), the script object was returning a value that was one less than the expected value. For example, `QAD_NumberUtil.SplitNumberRight(30.11, 2)` returned 10 instead of 11. This issue has been fixed.

Number-to-Word Script Object in Spanish

Previously, in the Reporting Framework, the number-to-word (`QAD_NumberUtil.ToWords`) .NET script object failed for Spanish because of an issue with how language codes were being handled for Castilian and Latin Spanish. This issue has been fixed.

Programs in Terminal Mode Only

Some programs are only available in Terminal mode, which emulates the Character UI within the QAD .NET UI. You navigate the program in the same way as in the Character UI. The following programs are only available in Terminal mode:

- Accounts Not To Convert Maint
- AP Integrity Report
- Archive File Reload
- Call Queue Manager
- Change Deferred/Accrued Accounts
- CIM Data Load Process Monitor
- Combined Integrity Checks
- Compile Programs
- Convert Ship Qty in Ship UM
- Count Program
- Create Records for Printer Output
- Database Connect
- Database Disconnect
- Database Table Size Inquiry
- Debug CIM Document
- Dump Export/Import Doc for Edit
- End User Time Zone Change Util
- Escalation Monitor
- Exit to Operating System
- Export/Import Document Query
- Field Eligibility Maintenance
- Fixed Asset Maintenance
- Fixed Assets Integrity Report
- GL Integrity Report
- GLRW Mismatch A/C Code
- Initial Euro Exchange Rate Copy
- Inventory Integrity Report
- License Registration
- Multiple Time Zones Startup Util
- PO Integrity Report
- Process Import Documents
- Program Level
- Program/Text File Display
- Receive Import Documents
- Reload Edited Export/Import Doc
- Required Ship Schedule Update

- Send Export Documents
- Sequence Maintenance
- Server Time Zone Change Util
- Set Multiple BOL Print Utility
- Ship-From to AR
- Trading Partner Library Load
- Trading Partner Library Unload
- WIP Integrity Report