QAD .NET User Interface Release Notes

September 2012

These release notes include information about QAD .NET UI for QAD Enterprise Applications 2012.1 – Enterprise Edition.

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

These release notes include the following sections:

Installation and Configuration Information

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

Cumulative Patch Information

Important Before installing the QAD .NET UI 2012.1, be sure to go to the QAD Store (http://store.qad.com) to check for the latest cumulative patch to QAD .NET UI 2012.1. You must install the patch after installing the QAD .NET UI.

Release Summary

QAD .NET UI Version: 2012.1 EE

Product Versions: QAD Enterprise Applications 2012.1 – 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 this version of the QAD .NET UI.

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, be sure to review the release notes for the versions between your current version and this version.

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).

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

Process Maps Installation

The process maps are delivered separately from the QAD .NET UI. The process maps for QAD Enterprise Applications 2012.1 – Enterprise Edition are included with the QAD 2012.1 EE release media.

Process Maps and Internet Explorer

Note the following when editing and viewing process maps in Internet Explorer:

- With Internet Explorer 8 and 9, Print Preview is not supported for process maps and they do not print correctly.
- By default, the Process Viewer uses Silverlight rather than SVG.
- The Process Editor uses SVG.

  Important 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. If you have not installed the SVG plugin on your local machine, the Process Editor will display an error message when you try to edit a process map. 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. You can also download and install the SVG plugin from Adobe's SVG site (go to: http://www.adobe.com/svg/viewer/install/main.html). After installing SVG, restart the QAD .NET UI and open the Process Editor. After a moment, it will ask you to verify the use of SVG, and then you can proceed to use the Process Editor.

Internet Explorer and QAD .NET UI Client Installation

Warning The 64-bit version of Internet Explorer will not install the QAD .NET UI client, even if you are running Internet Explorer as an administrator. You must use the 32-bit version of Internet Explorer (typically located in C:\Program Files (x86)\Internet Explorer\iexplore.exe) to install the QAD .NET UI client. A situation in which this is likely to occur is when a user inadvertently creates a shortcut to the 64-bit version of Internet Explorer rather than the 32-bit version, and then uses that shortcut to launch Internet Explorer.

QAD Document Library Access

The QAD Document Library (http://www.qad.com/documentlibrary/) offers a complete set of all QAD user guides, training guides, and other materials.

With all the user guides now available in the QAD Document Library, QAD Assist now includes a link to the QAD Document Library and only includes the program and field help as content.

QAD Assist Installation

QAD Assist is a QAD .NET UI application that hosts HTML versions of the QAD Enterprise Applications online help for programs and fields. With QAD Assist, you can search the online help to quickly find more information.

QAD Assist is installed as part of the QDT-based installation of QAD Enterprise Applications — Enterprise Edition.

Reporting Framework Sample Reports

When upgrading from a version of the QAD .NET UI prior to 2.9.4 where the Reporting Framework included six sample reports, note that the six reports have been removed in the newer versions. If you keep the previous menu system data, and the AppServer has the upgraded version without the .p programs (proxies) for the sample reports, you get an error when you launch the reports from the menu. If you no longer need these reports, you can delete them from the menu system using Menu System Maintenance. If you would like to continue to use these sample reports, you can copy the six proxy programs from your

previous system to the new system and compile them. Alternatively, delete them from the menu system, and then install the six sample reports included on the Reporting Framework Source CD, following the instructions included with the CD.

Application Changes

If upgrading from a previous version of the QAD .NET UI, please be sure to review the release notes for the versions in between your current version and this version.

Operational Metrics History

With the QAD Operational Metrics History, you can view changes in operational metrics over time. The system stores the history of operational metric activity and then generates charts of the data for you. The metric history data is also used to speed up the performance of metric programs when launched from the menu; by using the most recent history data, the system does not need to run the underlying metric browse queries and calculations each time. QAD Operational Metrics History is available as a plug-in to the QAD .NET UI. The QAD Operational Metrics History plug-in can be installed on QAD Enterprise Applications – Enterprise Edition 2012 or 2012.1. You can download the plug-in from the QAD Store (http://store.qad.com).

Mobile Application for Browses

With the QAD Mobile Browse app, you can use selected QAD Enterprise Applications browses on mobile tablet devices. QAD Mobile Browse is available for Apple iOS devices (iPad) and Android tablets. QAD Mobile Browse for the iPad is available on the Apple iTunes store and QAD Mobile Browse for Android tablets is available on the QAD Store (http://store.qad.com).

Browse Performance Controls

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.

Canceling 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.

`<NotifyEmail>` specifies a comma-separated list of e-mail addresses to which browse alerts will be sent.

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

(The SMTP elements in this file need to be configured for your SMTP server for this setting to work.)

`<timeout browseId="`*`browse_name`*`" warnAt="`*`interval`*`" cancelAfter="`*`interval`*`"/>` specifies a browse performance warning or cancelation, where:

- `browseId` specifies a browse ID. The browse ID is the first two letters of the browse name, followed by the number (without the `br` or `.p` in the browse name). For example, the browse ID of Item Browse (`ppbr100.p`) is `pp100`. You can also enter a regular expression. For example, `pp*` specifies all browses whose browse IDs start with `pp`. The default is blank.

- `warnAt` specifies the interval in minutes 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 canceled, with `0` specifying no cancellation.

Use `warnAt` and `cancelAfter` to have the system report warnings up to some time after which the browse is canceled automatically. For instance, in `<timeout browseId="pp*" warnAt="2" cancelAfter="10"/>`, the system reports warnings every two minutes for all browses running whose names start with `pp`. After ten minutes, those browses are canceled.

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

```
<Browse>
   <Notification>
      ...
      <NotifyRole>qadadmin</NotifyRole>
      <timeout browseId="" warnAt="0" cancelAfter="0"/>
      <timeout browseId="ppbr100.p" warnAt="2" cancelAfter="5"/>
      <timeout browseId="so*" warnAt="2" cancelAfter="5"/>
      ...
   </Notification>
</Browse>
```

By default, the settings are not active; they are included as comments in `client-session.xml`. To use the settings, remove the comment markers (`<!--` ... `-->`) and edit the default values.

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 a value less than or equal to zero (for instance, 0 or -1).

Browse Timeout

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.

Browse Performance Controls in AIA Environments

The browse performance controls, which enable the system to identify, report, and cancel long-running browses, are now working for environments using AIA. (Note that the Cancel button has been removed because in this case it does not cancel the browse.) This feature requires that QAD Enterprise Applications be using Progress 10.2B.

Generalized Code Optimization

The loading of generalized code list values is now configurable and can be restricted to a system-defined record count. You can configure the record count limit by setting `<GeneralizedCodeMaxValues>` in the `client-session.xml` file. The default is zero, which specifies no limit on the list count. A negative value such as -1 specifies no generalized code pull-down lists. Finally, a value greater than zero specifies to show the generalized code pull-down list only when the list has the specified number (or less) of records.

Date Display Correction in Reports from Browses

The display of dates in reports from browses (choose Browse | Actions | Report) is now in the correct format. Previously, only days were shown.

Column Filters on Browses Saved As Favorites Limitation

If you set a column filter on a browse and add that browse as a favorite, note that the column filter is not retained (the filter is for action that takes place after the browse is loaded). When launching a browse saved as a favorite, you will need to apply column filtering after the browse is launched.

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