

QAD .NET User Interface Release Notes

June 2012

These release notes include information about QAD .NET UI 2.9.4 for QAD Enterprise Applications 2012 – Standard Edition. QAD .NET UI 2.9.4 was first released for use with QAD Enterprise Applications 2011 – Standard Edition, and now it is released for use with QAD Enterprise Applications 2012 – Standard 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 2

Application Changes 6

Programs in Terminal Mode Only 7

Installation and Configuration Information

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

Cumulative Patch Information

Before installing QAD .NET UI 2.9.4, be sure to go to the QAD Store (<http://store.qad.com>) to check for the latest cumulative patch to QAD .NET UI 2.9.4. You will need to install the patch after installing the QAD .NET UI. As of June 2012, the most recent patch is Cumulative Patch 2.

Release Summary

QAD .NET UI Version: 2.9.4 (2011 SE and 2012 SE)

Product Versions: QAD Enterprise Applications 2012 – Standard Edition and QAD Enterprise Applications 2011 – Standard 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 2012 SE.

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.

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
2.9.5 (2012 EE)	March 2012	QAD Enterprise Applications 2012 – Enterprise Edition
2.9.4 (2012 SE)	June 2012	QAD Enterprise Applications 2012 – Standard 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

Process Maps Installation

The QAD 2012 SE process maps are delivered separately from the QAD .NET UI. By default, QAD .NET UI 2.9.4 includes the process maps for QAD Enterprise Applications 2011 – Standard Edition. However, the process maps for QAD Enterprise Applications 2012 – Standard Edition are included with the QAD 2012 SE release media and must be installed so that they replace the QAD 2011 SE process maps included with QAD .NET UI 2.9.4.

The process maps for QAD Enterprise Applications 2012 – Standard Edition have been redesigned to include the following:

- *New Color Scheme* — The new color scheme has designated colors for all the supply chain processes.
- *Enhanced Navigation* — The navigation structure was flattened, and the process map footer makes navigation from map to map easier.
- *Updated Vertical Maps* — The new version features eight updated vertical maps with more granularity than ever before.
- *New End-to-End Maps* — The high-level end-to-end maps Quote to Cash, Procure-to-Pay, and Plan to Perform were added.
- *Improved Supply Chain Process View* — The supply chain process view was enhanced with the new categories Design, Enable, and Engage.
- *Linkage to the Document Library* — Each node allows you to search the QAD Document Library with a click of a button to find relevant user guides, installation guides, or training guides.

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.

QAD Document Library Access

The QAD Document Library (<http://www.qad.com/documentlibrary/>) now 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 must be installed manually after the QAD .NET UI has been installed. The installation steps for QAD Assist with QAD .NET UI 2.9.4 for QAD 2012 SE are as follows.

File Delivery

The installation files include:

- Files for installing the QAD Assist application
- Files for installing the QAD Assist content

The QAD Assist application and content files are included in the QAD Enterprise Applications 2012 – Standard Edition Language CD for each supported language.

The application files are:

- `epub.war`
- `search.war`

The content files are named as follows:

```
<product>-<language>-se.zip
```

where `<product>` is `erp` for QAD Enterprise Applications.

For example, the English file for QAD Enterprise Applications help is:

```
erp-en-se.zip
```

Installation Steps

Use the following steps to install QAD Assist. Note that the steps are based on using a Linux environment with JDK 1.6.

- 1 Shut down Tomcat.
- 2 Copy `epub.war` and `search.war` into the `/webapps` directory.
- 3 Start Tomcat. With the application files in place, you next copy and unzip the content files.
- 4 Copy `<product>-<language>-se.zip` to the `/webapps/epub` directory.
- 5 For each `.zip` you have copied, unzip the content using the `unzip` command:

```
unzip <product>-<language>-se.zip
```

Unzipping creates a directory containing the content under the /epub directory. After you have unzipped the content, set up the search engine index.

- 6 Using a web browser, access the search administration page URL. Open `http://<host>:<port>/search`, where <host> and <port> are the host and port for the Tomcat instance under which you installed the epub and search Web applications.

- 7 Click the New Index button and in the field enter:

```
default
```

This creates a new index and directory in the following location:

```
search/WEB-INF/indexes/default
```

Next, you need to add index (links) content to the search engine by copying the `links_*.xml` files (which contain the default link information for the search engine index) under /epub to `/search/WEB-INF/indexes/default`.

You can use the following step to copy all the index files (files that match 'links-*.xml') into the directory.

- 8 Using a command line, navigate to the /epub directory and enter:

```
cp `find . -name "links-*.xml" ` ../search/WEB-INF/indexes/default
```

The search engine automatically imports these files and removes them upon completion.

The search administration page (`http://<host>:<port>/search`) updates the information about the default index, including the number of documents in the Documents column and the total size under the Size column.

Note that you can import the same content multiple times without affecting the number of documents loaded into the search engine, although that action will increase the allocated file size. In the Actions column, you can click Optimize to reclaim the excess disk space.

To load the default index, you must stop and start the search engine for that index:

- a In the Actions column for default, click Stop.

- b In the Actions column for default, click Start.

Finally, you need to update the `client-session.xml` file.

- 9 Edit the `client-session.xml` file (`<HomeServer>/configurations/<SysEnvName>/client-session.xml`) so that it includes the following settings:

```
<ContentIndexServer></ContentIndexServer>
```

```
<ContentIndex>default</ContentIndex>
```

```
<ePublisherServer></ePublisherServer>
```

QAD Assist is now ready for use. You can access it from the QAD .NET UI by choosing Help|Search or by pressing the F1 key.

Note If the search engine does not automatically load the index files, bounce (stop and then start) Tomcat. To do so, go to the /bin directory and enter `./shutdown.sh` and then `./startup.sh`.

Application Changes

QAD .NET UI 2.9.4 was first released for use with QAD Enterprise Applications 2011 – Standard Edition. QAD .NET UI 2.9.4 is now released for use with QAD Enterprise Applications 2012 – Standard Edition.

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.

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.

`<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.

`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 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="xx*" warnAt="1" cancelAfter="10"/>`, the system reports warnings every two minutes for all browses running whose names start with `xx`. 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>
```

```
...
  </Notification>
</Browse>
```

By default, the settings are not active; they are included as comments in `config-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 value less than or equal to zero (for instance, 0 or -1).

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