# IBM® DB2® Web Query for i™
# 5733WQX Version 2.1.1
# Upgrading from 5733QU2 - Quick Reference
### (6/12/2015 update)

This document provides a quick reference for upgrading a DB2 Web Query product installation from 5733QU2 version 1 to 5733WQX version 2.  For more detailed upgrade considerations and product changes, it is recommended that you see the Upgrade Considerations section of the R210 New Features document located at http://ibm.co/db2wqnewfeatures .

## Product Restructuring
DB2 Web Query for i version 2.1 has been restructured into two simplified **ordering** packages:

5733WQE – Express Edition
>       Express Edition is an entry level version of the software that allows you to build analytical reports, including OLAP reports, supports mobile clients, and Excel users.

5733WQS – Standard Edition
>       Standard Edition builds on the components of Express with additional capabilities and user licensing options.  Standard Edition includes report distribution functions, application integration capabilities, and the Microsoft SQL Server adapter.

It is important to note that both ordering packages **install** under the licensed program identifier 5733WQX. Furthermore, the prior version products 5733QU2, 5733QU3, and 5733QU4 have all been restructured under this single licensed program.

Following is a list of the available options.  You will receive a license key for option 1 when ordering the 5733WQE package and a key for option 2 when ordering 5733WQS.

```
5733WQX   *BASE   IBM DB2 Web Query for i
5733WQX   1       Web Query Express Edition
5733WQX   2       Web Query Standard Edition
5733WQX   4       Web Query Developer Users
5733WQX   5       Web Query Developer Workbench Users
5733WQX   6       Web Query Runtime Enablement Groups
5733WQX   7       Web Query JD Edwards Adapter
5733WQX   8       Web Query DataMigrator for i
```

## Ordering and Licensing
Please refer to the DB2 Web Query for i FAQ document at http://ibm.co/db2wqfaq for detailed information on ordering and licensing an upgrade, or to download the new product for trial.

## Installation
Though 5733WQX is a replacement product for 5733QU2, 5733QU3, and 5733QU4, the new version product will install on an IBM i partition alongside the old version products.   To install 5733WQX, follow the R211 installation instructions at http://ibm.co/db2wqinstallation .

## Coexistence with QU2
If you have installed both QU2 and WQX products and applied the license keys, you cannot run them concurrently.  But if you have not applied a key to WQX and are running under the 70-day trial, you can run both versions concurrently up until the end of the trial period or until you apply a key.

To ensure isolation between the versions, WQX and QU2 use separate administrator IDs, product libraries, directories, and ports:

- The Web Query administrative profile for WQX is QWQADMIN. It has the ability to manage users and configuration settings for a Web Query installation, but cannot access folders or reports.
- The product libraries for WQX are QWEBQRYX and QWEBQRY. Two other libraries included with the product are the Web Query repository library, QWQREPOS, and the product tutorials library, QWQCENT.
- The product directories for WQX are /qibm/userdata/qwebqry and /qibm/proddata/qwebqry.
- The port assignments correspond to the version 1 port numbers and are in the range 1$x$331 through 1x339, where $x$ is the version number. The exception is that after the trial period, WQX uses port 11331 instead of 12334. The port number in the login URL for Web Query 2.1.0 is 12331.

When WQX is installed, the existing QU2 installation remains undisturbed, with one exception: the QSYS proxies for the DB2 Web Query commands are switched to the new product library. This means that if you do not qualify the Web Query commands with the product library name, or if you qualify them with QSYS library, then the WQX commands will be found. For example, if the IPL startup program specifies the unqualified STRWEBQRY command, then the next IPL after WQX is installed will execute the WQX command, not the QU2 command. If you wish to continue using the QU2 commands, be sure to qualify them with the QU2 library name, QWEBQRY77.


# Migration

When upgrading from QU2 to WQX, use the Migrate Web Query (MIGWEBQRY) command at your convenience to migrate user data from the old product to the new. The migration will not occur automatically, as was done in Web Query 2.1.0.

MIGWEBQRY migrates the following.


### Users and Licenses

User licenses will be copied from 5733QU2 to 5733WQX. The licenses will be migrated as follows:

- Developer licenses for individual users will be migrated from QU2 *BASE to WQX feature 5104.
- Runtime Enablement licenses for group profiles will be migrated from QU2 *BASE to WQX feature 5106.

If license keys have not yet been added for features 5104 and 5106, migrating the users will kick off the 70-day trial for these features.


### Metadata

Metadata files in the IFS application directory (that is, synonyms represented by .ACX and .MAS files) are copied from QU2 to WQX. Ownership of metadata in WQX is assigned to the Web Query administrative profile, QWQADMIN.


### Content

Web Query content consists of reports, HTML files, style sheets, images, Report Broker schedules and distribution lists, and user permissions. The Reporting Server must be active for the second stage of migration to occur, so MIGWEBQRY will automatically start WQX as part of the migration process. Migration may take several minutes to complete.

In QU2, Web Query content was stored in the IFS and in the Report Broker repository library. In WQX, all content is consolidated into the new DB2 repository in library QWQREPOS.

The concept of domains no longer exists with WQX and is instead replaced with the concept of top level folders. During migration, QU2 domains will be mapped to WQX top level folders.

Domain security, implemented in QU2 via group profiles, is migrated to folder security, which is implemented instead by pre-defined Web Query groups. The Web Query groups represent specific permissions or roles and are enforced by rules in the QWQREPOS repository. Web Query groups are administered by the new web-based Web Query Security Center. More information on the new security model can be found in the R210 New Features document.

There may be situations where, sometime after migrating from QU2 it is appropriate to re-migrate. An example of this is if developers continue to add or change reports on QU2 before going production with the new product. It is possible to do repeat migrations using the MIGWEBQRY again. Repeated migrations will always start from scratch, meaning that any development work on WQX that you want to keep should be exported first with a Change Management package and then imported when the migration is done.

Due to the new product architecture, some items are not migrated from QU2 to WQX. This includes feature configurations, custom settings, connections, and Microsoft SQL Server and JD Edwards adapter configurations. These items must be reconfigured manually for the new product.

For more information on the MIGWEBQRY command, see the Web Query 2.1.1 Installation link at http://ibm.co/db2wqinstallation.


# New Security Center

User Management is now handled through the web-based Web Query Security Center. This is a graphical user interface that allows an administrator to add or remove licensed users or runtime groups. It also allows an administrator to move users into or out of Web Query Groups that are predefined to represent a specific set of functions or roles. There are two global groups that define a role at the Web Query product level. The two global groups are for Web Query administrators and Developer Workbench licensed users. Folder groups define a role at the top-level folder level. When a top level folder is created, six folder Groups are automatically created in the Web Query repository that define the roles of end user, analyst, developer, DBA, scheduler, and administrator for that folder.

The QU2 commands Add Web Query Licensed User (ADDWQLUSR) and Remove Web Query Licensed User (RMVWQLUSR) are obsolete in WQX. The WRKWEBQRY options for administering domains and users are also obsolete. A user who attempts these functions will be redirected to the Security Center.


# Consolidation of Reporting Tools

The QU2 reporting development tools called Report Assistant, Graph Assistant, and Power Painter, have been retired and replaced by InfoAssist, the new Web-based Rich Internet Application tool. This aligns with the on-going strategy to consolidate tool sets and to standardize on a common look-and-feel across all report development products.


# Lab Services

IBM Lab Services offers a QU2 to WQX migration service that can assist you (remotely) with migration. The service addresses issues such as objects that are not automatically migrated, consideration of moving to InfoAssist from the no longer available web based authoring tools, and providing an overview of the new

WQX features and functions to get you on your way as smoothly as possible. For more information about this service, please contact Doug Mack at mackd@us.ibm.com or send an email to QU2@us.ibm.com.