



## Db2 Web Query

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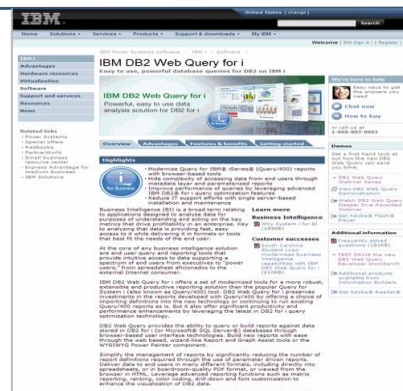


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## Important Links



- Db2 Web Query for i Website
  - [ibm.biz/db2webqueryi](http://ibm.biz/db2webqueryi)
- Db2 Web Query for i Wiki
  - [ibm.co/db2wqwiki](http://ibm.co/db2wqwiki)
- Db2 Web Query Getting Started Enablement:
  - <https://ibm.biz/db2wqconsulting>
- Db2 Web Query Version 2.2.1
  - <http://ibm.biz/db2wq221blog>
  - Videos: <http://ibm.biz/db2wq-221-videos>
- EZ-Install
  - <http://ibm.biz/db2wqezinstall-info>
- Systems Magazine Webinars
  - BI on a Budget: <http://ibm.biz/BlonaBudget>
  - New Version 2.2.1 Visualizations: <http://ibm.biz/db2wq-221-videos>

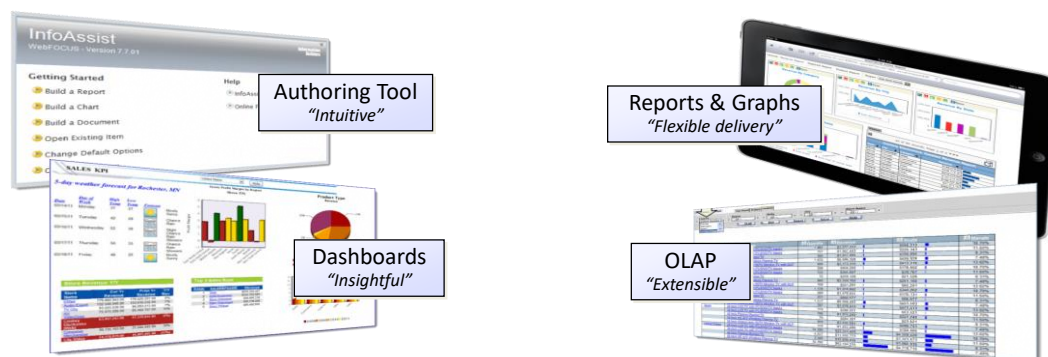


Follow Db2 Web Query guy Doug Mack on twitter at @mckdrmoloy or blog <http://db2webqueryi.blogspot.com/>

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## Db2 Web Query for i – Intuitive, Insightful, Extensible

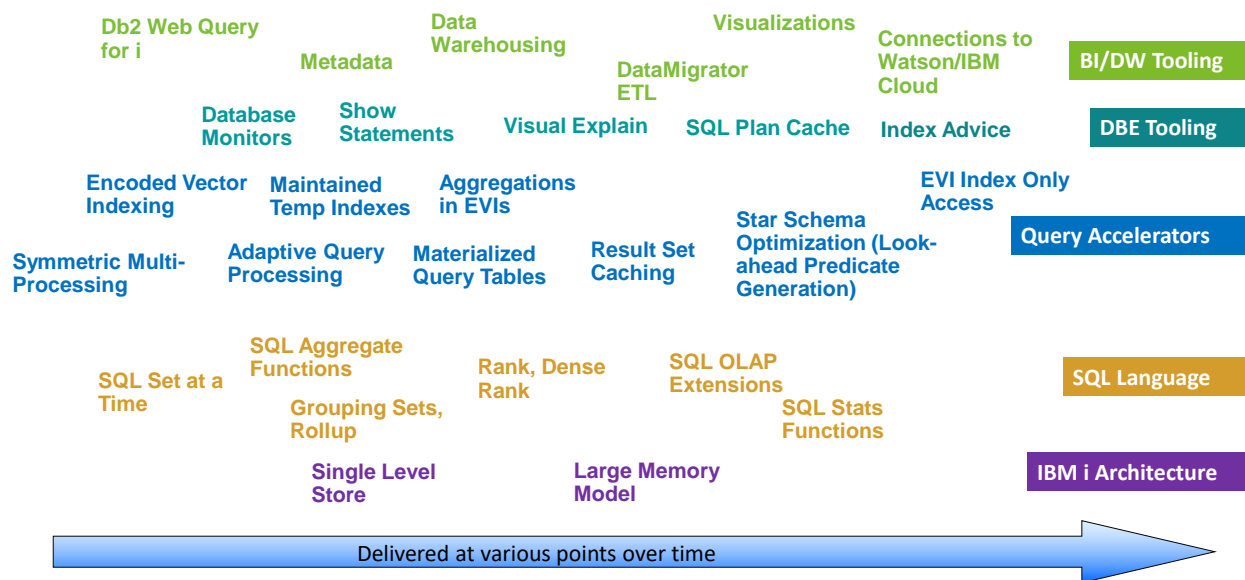
*Fast, easy access to business information assets for query, reporting and analysis*



Providing Analytics and Query/400 Modernization for the IBM i Client  
 Low Cost Solution Offering Value Upgrade from Query/400  
 Leveraging Best Practice Meta Data Layer Approach  
 Leveraging Db2 for i Advanced Query Optimization Technology

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## IBM i Business Intelligence/Analytics Supporting Attributes



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## Db2 Web Query Product Suite 5733-WQx



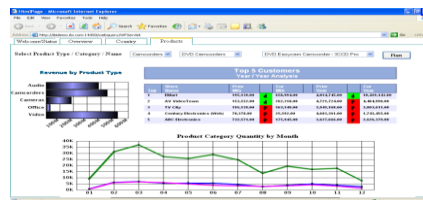
### – Express Edition

- ✓ Entry level edition
- ✓ Report development and all report output options supported
- ✓ Great for small, getting started environments
- ✓ **User licensing is NAMED USER concept**

Chances are **HIGH**  
you already own  
license rights to  
**Express Edition**

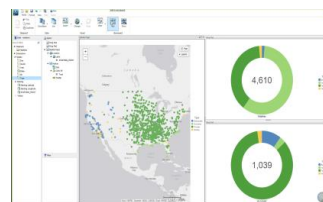
### – Standard Edition

- ✓ Adds report distribution, integration APIs
- ✓ Adds non Db2 Database Adapters
- ✓ **Virtually unlimited runtime users support**
- ✓ Optionally add JDEdwards Adapter



### – DataMigrator ETL Edition

- ✓ Automate Data Extraction, Transformation, Replication and LOAD
- ✓ Consolidate data, isolate query/BI workloads
- ✓ Requires Express (Db2) or Standard (Non Db2 data sources)
  - ✓ And at least 2 license of Developer Workbench



- ✓ **Add 1 or 2 licenses of Developer Workbench to either Edition**

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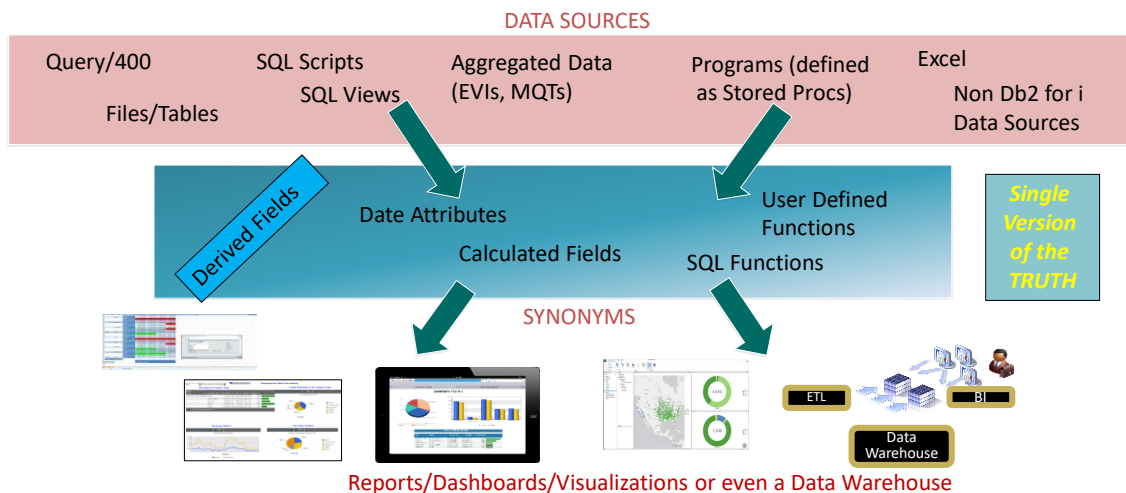
## Why Standard Edition



- You probably own the license rights to Express Edition
  - Contains all the reporting authoring capabilities and output options (including Excel plug in)
- Why might you want to consider Standard Edition:
  - If the number of run time users will exceed 25:
    - **It is just more cost effective to get Standard (with Express, EVERY user requires a unique Db2 Web Query user license)**
  - You need access to other non Db2 databases
    - Such as Microsoft SQLServer, MySQL, Oracle, etc.
  - You want the automated report execution and distribution (job scheduling) functions
  - You want to embed reports into your own applications
  - You need the JD Edwards Adapter

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## What DATA can you use in a report?



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## Once a Report (including an imported Query/400) is Built, You can:

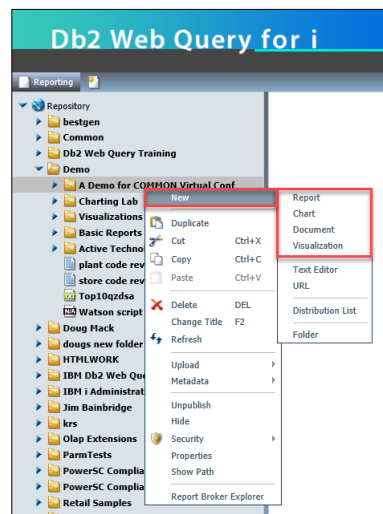
- Push it to, or embed it in an Excel Spreadsheet
- Allow end users to dynamically drill down or filter the data
- Schedule the report to run (off your own IBM i Job Scheduler or via the GUI)
- Place the report on a SHARED Dashboard
- Add the report to your personal Dashboard
- Synchronize it with your Mobile Device
- Share it to a network drive or content management facility
- Embed the report into your own application (Java, .net. PHP, etc.)

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## IBM Db2 Web Query BI Portal User Interface



- The jumping off point for working with Db2 Web Query
  - BI Portal – the End User Standard Interface
    - Run Reports
    - Edit Reports
    - Schedule Report
    - Work with folders
    - Work with Change Management
    - Sync reports via Mobile Favorites Folder
    - Set up Security
    - Build a personal Dashboard
  - InfoAssist – Report Authoring Tool invoked with right-click and NEW at the folder level or with right-click EDIT at report level

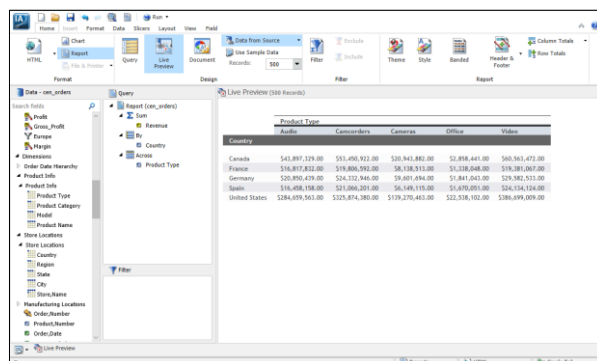


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## Build/Edit Reports and Dashboards with InfoAssist



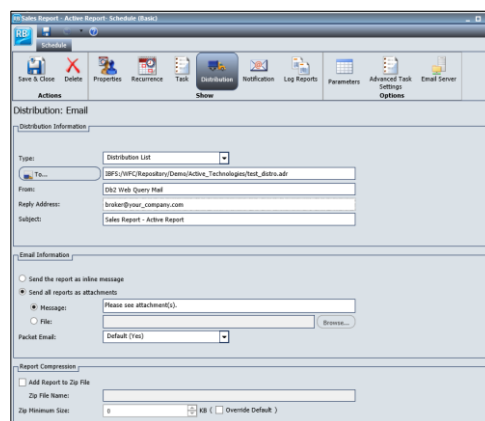
- Web based Report Authoring component (built into Express or Standard)
- Invoked from BI Portal (web) or Developer Workbench (Windows)
- Intuitive office-like interface
  - Tool bars (Ribbon) change based on selected tab
- WYSIWYG layout area
- Build reports, charts, graphs, maps, dashboards
- Output types
  - Excel including pivot tables
  - “Active” technologies (good for mobile devices)
  - PDF, File, Print, Database
  - Auto drill down (OLAP) report
  - HTML, HTML5, Flash
  - Powerpoint
  - User can select at Run Time



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## Schedule the Report to Run in the Background

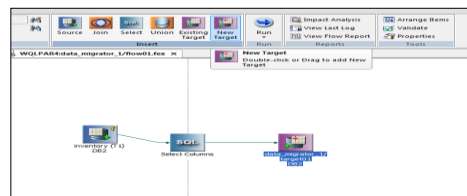
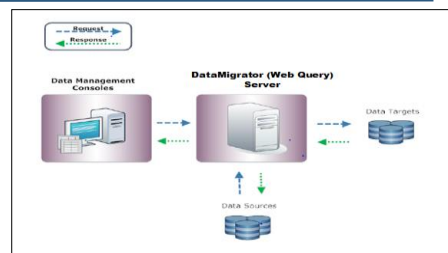
- Db2 Web Query Specific Job Scheduler
  - GUI Interface
  - Standard or customized schedules
    - Can exclude dates (e.g., holidays)
  - Email, FTP, or save to repository
  - Burst the report based on key field
  - Logging and notification functions
- CL Command to add to your IBM i job scheduler
  - Run job as part of a job stream
    - After end of day processing run reports and distribute
  - Can pass parameters from CL program
  - Email, FTP, Save to IFS or network driver
    - Include report as email attachment or link to file in IFS or network drive



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## Db2 Web Query DataMigrator ETL

- New Product ID 5733-WQM
  - Requires either Db2 Web Query Express or Standard Edition
  - Standard Edition required for MS SQLServer as a data source
  - Db2 Web Query Developer Workbench required to set up data and process flows
- ETL (Extract, Transform, and Load) for IBM i
  - Like Db2 Web Query, all server code and ETL objects are stored in IBM i
  - Data sources support is based on Db2 Web Query adapters
- INTEGRATED with Db2 Web Query
  - Use meta data created with Db2 Web Query or vice versa
  - Same look and feel
  - Shared services



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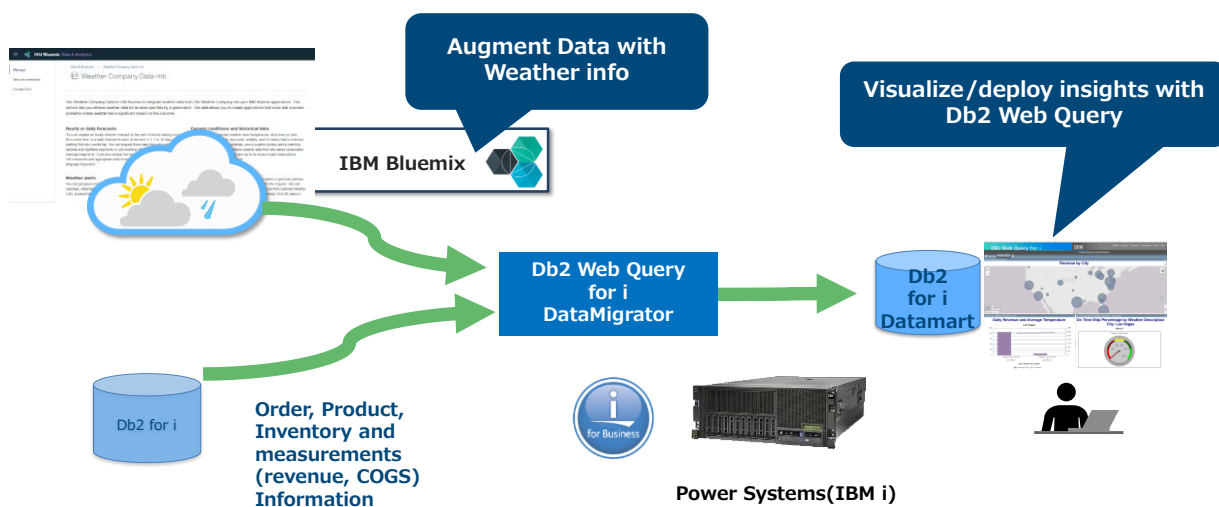
## DataMigrator Use Cases



- Consolidate Data from Multiple Systems
  - Automate collection using parameterized ETL
  - Build enterprise data warehouse or datamart
- Replicate data for a variety of reasons
  - Inexpensive DR for Db2
  - Move data to/from other applications/databases/servers
- Isolate complex query workloads from productions systems
  - Tune each for workload optimization
  - Enhance/clean/augment data for reporting purposes
- Automate data pull from non Db2 for i data sources
  - Uploading spreadsheets manually?

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## Prototype Example: Augmenting Operational Data with Weather Data

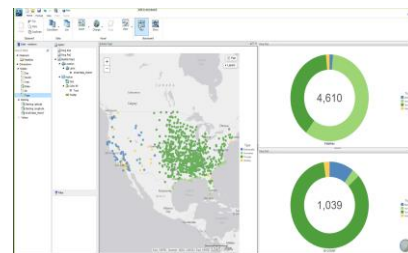


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## Db2 Web Query Version 2.2.1



- Steps beyond traditional Business Intelligence into **Data Discovery**
  - New data driven **Visualization** empowers:
    - Users, Analysts, and Data scientists
  - **Data layers** (e.g., demographics) for geographic maps
    - What is the average income in this zip code?
- Consolidate, Prepare, and Transform Data with **DataMigrator ETL**
  - Even augment existing data with data from Watson
- Install or upgrade in 15 minutes with the “EZ-Install” Package
  - Includes 100's of sample reports, for the business and I/T



Learn more at [ibm.biz/db2webqueryi](http://ibm.biz/db2webqueryi)  
& [db2webqueryi.blogspot.com](http://db2webqueryi.blogspot.com)

**GA 12/08/2017**

No Charge Upgrade from previous versions\*\*

\* QRY/400 owners entitled to Web Query Express w/ limited # of user licenses for no charge

\*\* Assumes currency on SW Maintenance

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## Db2 Web Query Installation and Setup (in 15 minutes)



With the NEW **EZ-Install Package**  
(covered in depth at Quick Start session at 10:30 Thursday)



Request by sending email to [QU2@us.ibm.com](mailto:QU2@us.ibm.com) w/ serial number of system you plan to install on

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## What is the EZ-Install Package

— After completion, go to [ibm.biz/db2wqezinstall](http://ibm.biz/db2wqezinstall)

- Test Drive what you now have
- Learn how to build reports/dashboards
- Run Query/400 Discovery Tool
- Learn about Developer Workbench
- Learn about DataMigrator

You are in: DB2 Web Query for i Wiki > DB2 Web Query EZ Install

### DB2 Web Query EZ Install

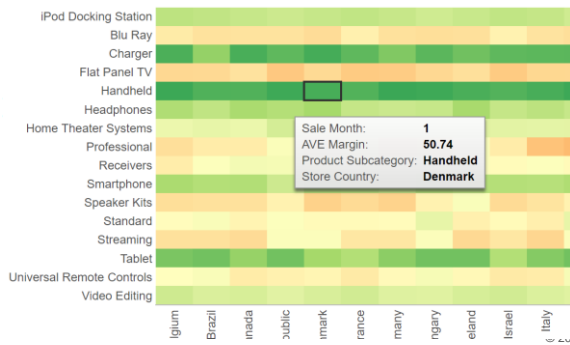
Like | Updated today at 9:32 AM by cmmack2 | Tags: None | Add tags

Edit | Page Actions ▾

**Congratulations!** If you're here, it hopefully means you have successfully installed the DB2 Web Query EZ-Install Package. Now What?

- Build your first report! Click [here](#) for instructions.
- Learn more about building reports. Click [here](#) to download a set of self-guided InfoAssist Tutorial!
- Learn more about the Sample IBM i administration reports
- Query/400 Discovery Tool and sample reports
- Instructions on how to install a completed set of the tutorial reports are [here!](#)
- Learn about DB2 Web Query Developer Workbench with this user's [guide](#).
- Install and learn more about the power of ETL with DataMigrator.

Comments (0) | Versions (711) | Attachments (0) | About ▾



## Demo?

## To Learn More



- Db2 Web Query for i Website
  - [ibm.biz/db2webqueryi](http://ibm.biz/db2webqueryi)
- Db2 Web Query for i Wiki
  - [ibm.co/db2wqwiki](http://ibm.co/db2wqwiki)
- Db2 Web Query Getting Started Enablement:
  - <https://ibm.biz/db2wqconsulting>
- Demonstrations:
  - Wizard Analytics: <https://ibm.biz/Db2WQWizards>
  - End User Demos: <https://ibm.biz/db2wqreportingdemos>
- Follow Db2 Web Query guy Doug Mack on twitter at @mckdrmoloy or check out his blog at <http://db2webqueryi.blogspot.com/> for all the latest



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# Any Questions?

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# Thank you!



First Lastname

Job Title

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+1-555-555-5555

ibm.com

## Please complete the Session Evaluation!



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