

QL2 Products & Services

WebQL™ 5.0

WebQL™ 5.0 is the current version of the programming language developed by QL2 to dramatically simplify the process of gathering data from virtually any source, including the web. In today's dynamic and fast-paced technological environment, WebQL 5.0 introduces new and enhanced features and functions focused on increasing developer productivity.

User Defined Functions

The addition of User Defined Functions (UDF) enables a developer to create their own functions. UDFs speed up script writing considerably by enabling the developer to create a function out of frequently used snippets of code.

New Office Formats

WebQL 5.0 supports Microsoft Office Word 2007 and Microsoft Office Excel 2007. Supporting functions and output options are available for the new formats.

Debugger

With the addition of a debugger, QL2 Studio enables a developer to set breakpoints in a script, effectively pausing the script to view results or statistics before completing execution. Using Debug Output, a developer can look at the input, output, and pseudocolumns for every node of the script both during and after execution. QL2 Studio enables a developer to run one script in debug mode while running multiple other scripts normally.

For a comprehensive list of enhancements and bug fixes to both the language and development environment, see the WebQL 5.0 release notes.

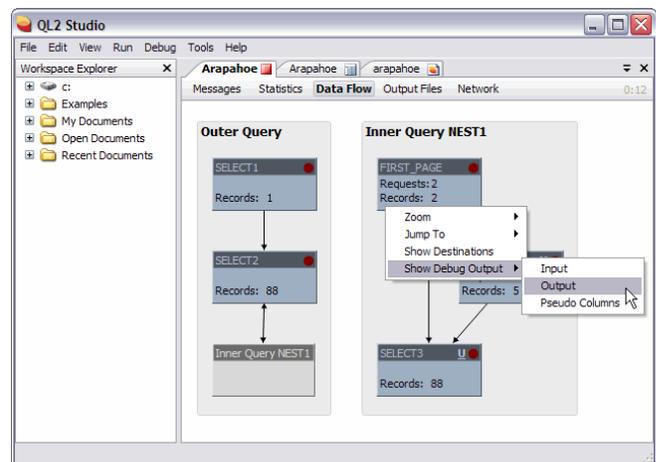
Technology Profile

As with SQL, WebQL is designed to manipulate, parse, and modify data. Where SQL is limited to structured data, WebQL processes unstructured and semi-structured data, such as data on a web page or in a PDF or text file.

WebQL eliminates the technical complexity and expense of systematically harvesting and re-purposing web data. What has historically been performed in hundreds of lines of code with a more general language is now performed in only a few lines of WebQL code.

Extract data from virtually any data source:

- Internet and intranet web applications – it can follow links and fill / submit web forms
- Commonly used Office documents
- Email and messaging protocols
- Text and delimited files
- Compressed and archived files
- PDFs and images
- Optical Character Recognition
- Databases, file systems, TCP/IP based services and applications servers



QL2 Studio User Interface Showing Output Data Flow

Enterprise Ready

QL2 created WebQL with the needs of the modern enterprise in mind. With WebQL you can effortlessly bridge data silos, avoiding the high integration costs of using multiple technologies. WebQL also enables you to acquire new information from external data sources in real time for critical business decisions.

As your integration needs scale, so does WebQL. Implementation is highly efficient, reducing hardware and power consumption costs. The WebQL engine automatically runs queries in parallel, algorithmically maximizing throughput without overloading local hardware, the network, or individual data sources.

When integrating with internal data sources, security is often paramount. WebQL supports file and network encryption to protect your data when it is stored on disk or transported across the network. WebQL also provides features for protecting confidential information such as passwords used to access enterprise resources.

Supported Technologies

Input Types:

- PDF
- DOC/DOCX
- XLS/XLSX
- CSV
- TXT
- PPT
- RTF
- XML
- HTML
- Zip
- GZip
- TAR

Optical Character Recognition:

- PDF
- BMP
- TIFF
- PNG
- JPEG

Protocols and Data Transports:

- FTP
- HTTP
- HTTPS
- NNTP
- SMTP
- SOAP
- POP-3/IMAP
- SMB
- AMF
- ODBC
- RSS
- Local file system
- Process Execution

Output formats:

- CSV
- XLS/ XLSX
- PDF
- XML
- JSON
- TXT
- plain text
- raw text
- tab delimited text

Programming Interfaces:

- Java
- C/C++
- .NET
- ActiveX
- SOAP
- REST

Data Extraction Techniques:

- XSLT
- XPath
- Label Inference
- Regular Expressions
- Table Model

Platforms:

- Windows 32-bit and 64-bit (XP, Server 2003, Server 2008, Vista)
- Linux (CentOS5, RedHat Enterprise Linux 5 or newer – other distributions with appropriate libraries)



WebQL™ is the technology behind QL2 products and solutions. To learn more contact us by phone at **800.750.8830** or by email at sales@QL2.com.