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# QlikView

## Release notes

*QlikView Version 11.2 SR4*

*Lund, Sweden, October 2013*

*Authored by QlikTech International AB*

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# 1 General comments

This document covers QlikView build 11.2.12123, Service Release 4.

The release contains components of QlikView Desktop, QlikView OCX, QlikView Server, QlikView Publisher, QlikView web parts for Microsoft SharePoint(R), QlikView Workbench and all clients except clients for mobile devices.

## 1.1 Special note

### **Bug: 62466 Custom User login with Custom login page**

If you are using Custom Users with Custom Form login page please read below instructions carefully: Due to security problems with Web form login method for custom users where Basic authentication was used, decision has been made to migrate to a more secure solution solving browser caching issues.

The login page “FormLogin.htm” will be applied instead of “login2.htm”. This means that customers using customized login pages built on “login2.htm” have to migrate to customized version of “FormLogin.htm”.

If you temporarily need to continue using “login2.htm” please contact Support for instructions

## 1.2 News in QV11.2 SR4

This release includes the following major changes:

- A large number of fixes to improve **Shared file reliability**. This will greatly reduce locking and corruption scenarios, but also improved reliability regarding Bookmarks and Session recovery. Important to know is that these fixes will **not** repair already corrupt Shared files.  
A new **Shared file Cleaning Tool** is now included in the QlikView Server executable. This will allow system administrators to analyze (verify) and repair (purge) the QlikView document shared files easily and effectively simply by running a command line execution of QVS.exe with special parameters. The server administrator will then have the option of using the purged shared file, or retaining the old shared file.  
We recommend that you run this tool only for the shared files where you have experienced problems. Please see full instructions at the end of this document.
- The **Calendar object in AJAX** client has been replaced, with a different look and feel, but should otherwise be fully compatible.
- A number of fixes to ensure a more consistent and correct behavior for **Select and Search**.
  - **New Features:**
    - Perfect Match: now if you do a Perfect Match using a search string embraced by single quote/apostrophe ('), you'll get exactly what you want.
  - **Changes:**
    - You can now use a Consistent Search Syntax in all search circumstances, including doing search in SearchBox, creating a 'Select in Field' action for a Button as well as Document Event Trigger, in Dataset Analysis, in Advanced Search Dialogue or doing Search() using JS API, etc.
    - You can use quotes (") to input search string containing whitespaces, and use \" to escape " within a quotation.
    - Qv.Document.Object.Data.SelectTexts() does not do a Normal Search anymore, it does Perfect Match instead and returns the values that you want exactly.

- You can find a new rewritten illustration about Search and Select in Reference Manual, with more useful examples.
- **Bug fixes and Other Minor Improvements:**
  - When you input a search string starting with question mark (?), highlight content is displayed incorrectly in the dropdown match box. Now it works as expected.
  - Treat single '\*', '?', '<', '>' and '=' as Special Wildcard Characters when search in list box, as well as in a Calculated Dimension, to avoid confusions with the Wildcard search syntax.
  - Bug: Hyphen (-) and apostrophe (') are not equal to each other anymore when you search or sort in ListBox.
  - Bug: plus (+), minus/hyphen (-) or quote (") will match all values in a field. Now it works as expected.
  - Bug: search string starts with plus (+) or minus (-) doesn't work well. Now it works as expected.
  - Bug: cannot search signed numbers like +1.1, -1.0, etc. Now one can do it with quotes like: "+1.1", "-1.0", and "+1\*".
  - Other minor fixes.

### 1.3 Environment compatibility News in QV11.2 SR4

**From SR3 the 32-bit Plugin will be supported for Windows 8.** A Windows 8 specific installer is included in the SR4 release which means there will now be 2 different installers. If you don't use the standard location as installed, you can now adjust the location in the QMC for both Installers. The Accesspoint link for downloading the plugin will adjust automatically depending on which Browser/Windows version the End-user is using.

### 1.4 News in QV11.2 SR3

This release includes performance improvements for ODBC and OLEDB reloads. How big the improvements are depends highly on the specific setup. Memory consumption during reload should also in many cases be reduced.

### 1.5 Environment compatibility News in QV11.2 SR3

**From SR3 the 32-bit Plugin will be supported for Windows 8.** A Windows 8 specific installer will be released in the SR4 release, but Support can assist customers who need help with a modified installer already now.

### 1.6 Environment compatibility News in QV11.2 SR2

The SR2 release adds support for 64-bit versions of Windows 8 and Windows Server 2012. Separate installation packages exist for the new Operating Systems, named QlikViewDesktop\_Win8andUp.exe and QlikViewServer\_Win2012andUp.exe.

Internet Explorer 10 is now also supported on both Windows 7 and Windows 8 (except for touch usage).

Support for running QV Server on 32-bit Windows XP and Vista is removed.

In addition SQL Server 2012 and Good Browser from Good Technology are now supported.

For full details on platform support, please refer to the System Requirements document that can be downloaded from the QlikView Download site.

## 1.7 Cross-release compatibility

It is not possible to have multiple versions of QlikView Desktop installed, i.e. the QlikView 11.2 Desktop installer will overwrite a QlikView 10 Desktop installation. However, the QlikView 11.2 Desktop executable file can be copied to any location on the hard drive and run from there without conflicting with the installed QlikView version.

**In order to run multiple versions of QlikView Desktop on a single machine, please follow this procedure:**

1. Uninstall prior version
2. Install QlikView Desktop v11.2
3. Copy the QV.exe file to a new, safe location
4. Uninstall QlikView Desktop v11.2
5. Install prior version

Following this procedure, you end up with a working version 11.2 QV.exe, but the operating system treats the prior version as your primary version of QlikView.

QlikView 11.2 has a file format compatible with versions 9, 10 and 11.

The QlikView Plug-In client is automatically installed with QlikView Desktop. If the version of either client is changed, it is recommended to do an uninstall of the previous version before installing another version. If any of the installations become unstable, they can be corrected by repairing the affected installation.

QlikView 9 Workbench and QlikView 9 Webparts are not compatible with QlikView 11.2.

## 1.8 Installation programs

The QlikView Server installation program installs QlikView Server and QlikView Publisher.

The QlikView Desktop installation program installs QlikView Desktop and QlikView Plug-in for Microsoft Internet Explorer by default. To install the Plug-in only, run the QlikView Desktop installation using the custom setup option and select QlikView OCX only. A separate installation program for QlikView Plug-in for Microsoft Internet Explorer is included in the QlikView Server install.

A 64-bit version of the QlikView Plug-In is included in the 64-bit QlikView Desktop installation program. Follow the procedure above to install the 64-bit Plug-in. There is not a separate install program for the 64-bit Plug-in.

QlikView Documentation and Tutorial, QlikView Web Parts for Microsoft SharePoint(R) and QlikView Workbench are delivered in separate installation programs.

## 1.9 Support material

The new features in QlikView 11.2 are documented in the PDF reference manual and in the help files that can be found in the separate installation packages.

## 2 Comments on product features

The following features are conscious design decisions and most of them are not likely to change in coming Service Releases.

### 2.1 Server installation

- It is not possible to install the QlikView Server (10 and later) on a domain controller.

### 2.2 Clients, Presentation, Layout & Charts

- If data with over 2,147,483,647 unique values is loaded, QV does not load correctly. Also, after 2,147,483,647, the value turns negative as the data is displayed in record number in a statistic box.
- Dimension limits should not be used in tables that contain mini-charts. This will cause an out of memory error.
- The security settings of Internet Explorer may prevent users from exporting data or sending data to Excel when using the plug-in client. The workaround is to add the QlikView server to the trusted sites list or modify the security settings under Internet Options to allow launching of external applications. In addition, ensuring the Enable Protected Mode check box is unchecked may also be necessary.
- AJAX for Small Devices mode is not compatible with Private Browsing in iOS5. In order to have the full functionality of the client you must turn off Private Browsing in Safari.
- On systems using UAC (Windows user access control), WebView may require that QlikView is started using the “Run as Administrator” option.
- If a link to a QlikView 9 Server document has been saved as a browser favorite, the link will not work. It must be re-created using a QlikView 11.2 Server.
- Mobile clients prior to Version 10 do not work with a QlikView 10 (or later) Server.
- The AJAX client will ignore all scroll bar settings except widths.
- The AJAX client does not allow users to change scroll bar settings.
- OnActivate and OnDeactivate Sheet Object Event triggers have been removed from QlikView 11 and later. The sheet level triggers are still available though, only the object level has been removed.
- The Activate and ActivateAll API methods no longer work since the OnActivate and OnDeactivate object triggers have been removed.
- The new, scrollable tab row is not available in Internet Explorer 8 and lower or in older versions of other browsers. In older browsers, the original tab row will be used.
- Beacons are not displayed in the new (scrollable) tab row.
- The vertical label setting on Pivot and Straight tables has no effect in AJAX.
- Prior to QlikView 11 some graphical charts allow an 'others' segment. When these charts are opened in QlikView 11, the X-axis presentation limit and the label are moved to the proper places on the Dimension Limits tab. This is not the case with straight tables. The label will be moved to the Dimension Limits tab but the Max Number of Rows value will remain as it was.
- There is no ‘undo’ functionality on Notes and Comments. If a Note is deleted, it is permanently removed. If an object with Notes is deleted, all of the Notes and Comments for that object will be permanently deleted even though it is possible to undo the deletion of the object.

- Graphical charts with 'Max Visible Number' set in version 10 and older will have this setting migrated to the new Dimension Limits tab in the property dialog. The new settings will be to 'Show Only' using the 'Largest' values
- The default significant digits have gone from 8 to 14. This only affects list boxes and expressions that have not been reformatted from Expression Default.
- The Menu option and Dialog box for interacting with Server objects have been removed. The View | Show Server Objects menu commands should be used to interact with server objects.
- Suppress Zeros is not being done in Pie and Funnel charts. Zero values were previously suppressed in the front end for expressions in these two charts. With the addition of Dimension Limits, QlikView will no longer suppress zero values for expressions across all chart types. This will affect charts that have only expressions and no dimensions. Zero values caused by dimensions will still be suppressed as before when the option is enabled.
- Scrollbars in AJAX do not respect changes in the settings. This is because we have changed the way scrollbars are rendered in AJAX.
- There is no way to choose/upload an image for Backgrounds or Dynamic Backgrounds in the AJAX client.

### 2.3 Script, ETL and Expressions

- The script parser no longer accepts incomplete quotes (or brackets) around file names.
- The default color scheme for script and expression syntax has been changed.
- On 64-bit systems, 64 and 32-bit QlikView loads both 64 and 32-bit custom connectors. QlikView first looks for 64-bit connectors in the current QV.exe location and then in "Program Files/Common Files/QlikTech/Custom Data". Further, QlikView looks for 32-bit connectors in the current QV.exe location and then in "Program Files (x86)/Common Files/QlikTech/Custom Data". If several connectors with the same file name are found only the first one is included into the connector list.
- The macro script debugger is no longer in QlikView. The product is no longer supported by Microsoft.

### 2.4 Documentation & localization

- WebView help is not completely context-sensitive like the rest of the help. The help will react to the currently selected object but not the properties within the object. The help can be opened from the Help menu or from within the regular QlikView help.
- QlikView documentation is no longer stored in *C:\Program Files\QlikView*. Documentation is now stored in *C:\ProgramData\QlikTech\QlikView Documentation*. In XP and Server 2003, it is *C:\Documents and Settings\All Users\Application Data\QlikTech\QlikView Documentation*

### 2.5 QlikView Server, QlikView Publisher and Management Consoles

- "Due to a limitation associated with using Microsoft's COM objects we recommend that you limit the number of QlikView Engines (QlikView Enterprise Management Console>> System>> Setup>> Distribution Services>> Advanced tab) to a maximum of 9 or the number of processor cores available on the host server -1, whichever is lower." If you have more than 9 processor cores, and wish to run more Engines, contact Support for information regarding a registry change to the Desktop Memory Heap settings on the server.
- The QlikView Server services are designed to run as local administrator. Running with an account that is not local administrator is an unsupported scenario.



- To use the QlikView Management Service (QMS) API the group “QlikView Management API” must be created as a local security group on the QMS machine and the account that uses the API must be part of that group. This will also apply to importing tasks from another QMS. There are two exceptions to this:
  - The API for starting an EDX task and
  - The API for getting status on an EDX task.
- In QlikView 11, EDX runs through the QlikView Management Service (QMS) API. This is a major change from QlikView 10, where EDX is realized by calls directly to a QlikView Distribution Service (QDS).
- Search results may differ between two searches in a clustered Directory Services Connector (DSC) right after a change since each DSC caches individually.
- When using session recovery (session recovery is only applicable for the AJAX client) there will be a Server bookmark in the QlikView Management Console for each user that is using a document. These Server Bookmarks will reappear in the QMC even if deleted because they are generated by QlikView to handle session recovery.
- When losing the network connection - even briefly - there will be errors in the task logs and event log.
- When using Session Collaboration, invitees have the same data access privileges as the session initiator.
- QlikView cannot sustain the inputfields if the document is opened without data. Therefore, any document containing inputfields will always open with data, even if flagged not to do so. When this occurs, a line indicating this behavior will be written to the log file.

## 3 New functionality in QlikView 11.2

### 3.1 Direct Discovery

QlikView Direct Discovery capability combines the associative capabilities of the QlikView in-memory dataset with a query model where the source data is not directly loaded into the QlikView data model, instead the aggregated query result is passed back to the QlikView user interface. The direct discovery data set is still part of the associative experience where the user can navigate both on the in-memory data and the direct discovery data associatively.

QlikView Direct Discovery feature is a hybrid capability where the in-memory and direct discovery data sets can be analyzed together, even on the same chart. The business users can associatively make selections on either of the data sets, and see what is associated and not associated with the same QlikView association colours; green, gray, and white. They can create charts that would help them analyze data from both data sets together.

This hybrid approach provides much greater power and flexibility than the data visualization tools or traditional query capabilities because with these tools, the users can either create extracts to an in-memory engine or run queries on the database but cannot do both on the same application persistently.

QlikView Direct Discovery enables users to perform business discovery and visual analysis against any amount of data, regardless of size. With the introduction of this unique hybrid approach, users can associate data stored within big data sources directly alongside additional data sources stored within the QlikView in-memory model. QlikView can seamlessly connect to multiple data sources together within the same interface, e.g. Teradata to SAP to Facebook allowing the business user to associate data across the data silos.

#### 3.1.1 Limitations

Due to the interactive and SQL syntax specific nature of the Direct Discovery approaches a number of limitations exist.

The following chart types are not supported;

- Pivot tables
- Mini charts

And the following QlikView features are not supported;

- Advanced calculation
- Calculated dimensions
- Comparative Analysis (Alternate State) on the QlikView objects that use Direct Discovery fields
- Direct Discovery fields are not supported on Global Search
- Binary load from a QlikView application with Direct Discovery table
- Section access and data reduction
- Loop and Reduce
- Synthetic keys on the Direct Discovery table
- Table naming in script does not apply to the Direct table

- Document Chaining
- The use of “\*” after DIRECT SELECT keyword on the load script (e.g. DIRECT SELECT \*)

Considerations from a security perspective.

- All of the users using the QlikView application with the Direct Discovery capability will be using the same connection. With this initial release, authentication pass through or credentials per user are not supported.
- Section Access is not supported.
- With the new SQL() expression function, it would be possible to execute custom SQL statements in the database. It is advised that the database connection set up in the load script should use an account with only read access to the database.
- Please note that with the use of the new SQL() expression function, it would be possible for the users to create SQL statements that could affect the performance of the database system. If this is the case, the cancel functionality could be used to cancel the queries from the QlikView user interface.
- It is possible to flood the database with requests from the client.
- It is possible to get detailed error messages from the QlikView Server log files.
- Log files are automatically generated on the desktop if the direct query fails due to a database error.

For more information about the new feature Direct Discovery, please read the technical addendum paper in QlikCommunity, <http://community.qlikview.com/community/development?view=documents>

## 4 Upgrading from previous QlikView versions

### 4.1 QlikView Desktop

To upgrade, previous versions of QlikView need not be uninstalled. However, the previous installation will be overwritten and the settings from the earlier version will be used.

### 4.2 QlikView Server

#### 4.2.1 From QlikView 9

When upgrading from Version 9 with IIS installed the QlikView virtual folders must either be manually deleted after un-installation or changed to point to the new folders after the upgrade is completed.

Version 9	Version 10	Version 11
...\ <i>QlikView</i>	...\ <i>QlikView</i>	...\ <i>QlikView</i>
...\ <i>QVAnalyzer</i>	...\ <i>QlikViewDesktop</i>	
...\ <i>QVAjaxZfc</i>	...\ <i>QvAjaxZfc</i>	...\ <i>QlikViewAjax</i>
...\ <i>QVClients</i>	...\ <i>QvClients</i>	
...\ <i>QVPlugin</i>	...\ <i>QvPlugin</i>	...\ <i>QlikViewPlugin</i>
...\ <i>QVJava</i>		

If there is no Publisher license (only a QlikView Server license), and reload tasks have been set up, a manual step is required.

1. After installation, start all QlikView services.
2. Go to the QMC>> System tab>> Setup menu and select the QlikView Server resources.
3. Go to the General tab for the QlikView Server resource
4. Under the heading "Migrate Schedules" you will find a button to migrate the schedules. Note that this will only appear if you have any tasks to migrate and if the Management Service has connection to the QlikView Distribution Service. Note: there have been a couple of instances where the Migrate button may not work as expected. Please contact support if you experience this issue.

Uninstalling Version 9 removes all *.config* files; please make a backup copy of any *.config* files that have been manually modified. The most common one is *QlikViewDistributionService.exe.config*.

After an upgrade, the supervision accounts needs to be added in the QMC again.

#### 4.2.2 From QlikView 10

To upgrade, previous versions of QlikView need not be uninstalled. However, the previous installation will be overwritten and the settings from the earlier version will be used.

#### 4.2.3 From QlikView 11

It is recommended to uninstall earlier versions of QlikView 11 before installing the QlikView 11.2.

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## 5 Known issues

The following issues were identified at release time. The list is not comprehensive; it does however list all known major issues. The ambition is to have the issues fixed in coming versions.

### 5.1 Clients, Presentation, Layout & Charts

- The **Calendar object in AJAX** client has been replaced in QV11.2 SR4, with a different look and feel, but should otherwise be fully compatible.
- Text fields with values like 1E4 or 1D4 could be misinterpreted. When loading text fields QlikView has always tried to interpret numeric values and load them as numeric, not text. Due to two different bugs the behaviour of QlikViews interpretation of exponential numbers, nnnEn or nnnDn, has changed between releases. The safest way to make sure you get the interpretation you like has always been to cast the specific fields to the right type in the script. For customers with many old scripts affected by the behaviour change, it has been decided to implement a solution which allows a small degree of control of how QlikView will interpret text fields at script level. This solution will be included in QV11.2 SR5 and be available on request as a patch for earlier releases when possible.
- In certain instances with multiple Direct Discovery charts QlikView may hang due to multiple named pipe connections being executed against the source database.
- Direct Discovery charts may fail if the hybrid (snowflake model) when the associated in-memory dimension has more than 64K values.
- When reloading a DD application that uses a date field, QlikView may have problems matching the loaded dates when performing DD queries after reloading. Symptoms of this problem include duplicated dates in the list box for that dimension, and failure to associate in-memory fields that are joined on the DD date field. One workaround is to set the DateFormat in the script to a blank string i.e. `SET DateFormat=''`; though this has the drawback of limiting what you can achieve with QlikView's date functions. (#53263)
- In a Direct Discovery application where the connection to the back-end database is slow, it can be possible to cause a deadlock by making different selections against a direct dimension faster than new connections to the database can be completed. (#53042)
- Implicit Direct Discovery fields are not listed under available fields. However, the fields are available in the available fields section of expression definition. (#52492)
- Direct fields do not populate system fields in the same way as in-memory fields. (#51841)
- Number precision does not apply when the new SQL() function is used in the expression. (#52451)
- Direct Discovery load script fails when there are SQL functions used on the load script for the direct discovery table. (#51644)
- Direct Discovery fields are not displayed accurately on the chart when the money format of the selected value is not the format the external data source is expecting. (#52452)
- Logical data islands in the data model behave differently between Direct Discovery and in memory tables. (#50880)
- The Subversion wrapper has a problem with parsing different language code pages.
- QlikView supports subversion 1.6.17 and 1.7.x. Trying to use other versions may result in incompatibility issues.

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- A document with input fields will create a .shared file when it is opened on an Accesspoint. Due to underlying data structures, the .shared file will grow with an average of 50-80 bytes/input field value when the input field value is changed.
  - Macros will not function in WebView.
  - QlikView 9 (Desktop and Server) cannot open documents that contain the new QlikView 11 actions.
  - When upgrading from a prior version to QlikView 11, the internet cache should be cleared before the new AJAX property dialogs can be used.
  - Pressing the 'Help' button in the AJAX client invokes help but not context sensitive help.
  - When using QlikView Help in Firefox (AJAX), the browser window will resize (reduce in size or minimize).
  - When both x86 and x64 versions of QlikView Desktop are installed on a single machine an uninstallation of either will leave some files on the hard drive. These files can be manually removed.
  - When using the AJAX client in IE, list boxes with many (>50,000) items will display a white box instead of the values when scrolling / paging through the list.
  - The alignment options for Multi-Line captions do not work in the AJAX client in IE7.
  - Nested grid containers will expand beyond the outer container when first created in the AJAX client. Pressing F5 or resizing the outer container will fix the problem.
  - The 'Select Report' dropdown is active in the AJAX client even if the QlikView Server does not allow printing. The users will not be able to print even though it appears they can.
  - QlikView 11 can open QlikView 10 project files (XML). If there was a container object in the original QlikView 10 file, it will be lost when opening the project files in QlikView 11. This will corrupt the new QlikView 11 file and the entire container will need to be reconstructed. The work around is to open the QlikView 10 file in QlikView 11 and recreate the project files. Reportedly this could happen with QlikView 11 files as well, please follow same procedure and re-create the project files.
  - Creating multi-column list boxes in AJAX is not working correctly. The slider to change the number of columns is not working. However, the user can type a number into the box next to the slider to change the number of columns.
  - QlikView will render graphical charts with multiple dimensions and multiple expressions (a combo chart with two dimensions and three expressions, for example) though the chart will not provide much value. Currently, QlikView will produce a 'drawing failed internally error' when trying to render graphical (not straight and pivot tables) charts with these characteristics.

## 5.2 Documentation & localization

- When adding Document Administrators, it shows in the GUI Add users and Groups, but security groups are not allowed as document administrators. (#52143)
- QMC Webhelp is now available in Japanese. To replace English Webhelp with Japanese Webhelp, please rename the two folders (QMCHelp and QMCHelp\_JPN) which you typically find under C:\Program Files\QlikView\Management Service. Change "QMCHelp" to "QMCHelp\_Old" or "QMCHelp\_eng" (or delete the folder if you do not need English help). Change "QMCHelp\_JPN" to "QMCHelp" – the Japanese help files will now be accessed when you click the Help icon in the top corner. A PC that has displayed the English help files needs to empty its web cache to ensure the Japanese files are loaded. Any QlikView services running need to be stopped before making the changes and started again after the change was made.

- English documentation for QlikView Desktop is included in this release. Other languages must be downloaded from the QlikView website.
- It is possible to have the Help language different from the QlikView Desktop interface. This can be changed on the General tab of User Preferences.

### 5.3 QlikView Server, QlikView Publisher and Management Console

- When using Script parameters in a reload task without a loop and distribute, only **one** reload will be executed, i.e. only the first parameter value will be used. The possible workarounds are either to add a loop and distribute to e.g. a scrap folder, or to create one task for each value.
- Network Storage Devices other than Microsoft Windows based shares are known to cause system instability and are not currently supported.
- Running an older version (pre v11) of QlikView Server after having a v11 QlikView Server installed and running will disable the existing anonymous account. In order to run the older version of QlikView Server, the anonymous account must be enabled BEFORE starting the older QlikView Server.
- The suggested filename when downloading from the AccessPoint may have non Western European characters replaced by underscores in browsers that do not support UTF-8 headers.
- If QlikView Server isn't allowed to disable the anonymous account it will still try every time it starts.
- It is possible to enter more text in document description than will be visible in the Access Point

### 5.4 QlikView Workbench

- In some situations it may not be possible to edit the properties of an Extension Object created with the Extension Wizard.
- Some of the extension examples use direct links to /QvAjaxZfc/ instead of relative links. This will cause these examples to fail in Workbench (and Web Parts). To make them work LoadExtensionScripts LoadCSS should be used. E.g.:

```

Qva.LoadScript("/QvAjaxZfc/QvsViewClient.aspx?public=only&name=Extensions/QlikView/Examples/geoHeat/raphael.js", geoHeat_Example_Done);
changed to:
Qv.LoadExtensionScripts(["Extensions/QlikView/Examples/geoHeat/raphael.js"], geoHeat_Example_Done);
and:
Qva.LoadCSS("/QvAjaxZfc/QvsViewClient.aspx?public=only&name=Extensions/QlikView/Examples/org/main.css");
changed to:
Qva.LoadCSS(Qva.Remote + (Qva.Remote.indexOf('?') >= 0 ? '&' : '?') + 'public=only' + '&name=' + "Extensions/QlikView/Examples/piechartlabel/style.css");

```

## 6 Bugs corrected in QV11.2 SR4

42810	Not possible to delete server reports through Open in Server.
43524	Ajax: Slider bar not displayed correctly
44791	QV Client crash by Closing via Batchjob
45178	IE Plugin - AJAX - Conditional Tab showing in IE Plugin but does not show in AJAX
45707	Ajax Null Label Pop Up By Pointing at MultiBox Before Making Any Selection
46222	Using a Text Object with an action under HTTPS causes a Mixed Content warning in IE.
47266	Scatter Chart Axes tab settings for Y Axis Scale with 'reverse' settings not displaying properly
47454	Section Access prevents documents from opening in Small Devices Version
50524	QlikView Server Not Recognizing Object Calculation Time Limit Setting For Shared Object/.Shared File
50968	Audit log is missing one column header
52182	AJAX: Slider legend shows the wrong numbers
53799	Slider object: Values are not presented correctly in slider object when more than 10 units (automatic scale).
54444	Desktop - Vertical and diagonal labels in line and bar charts are cut off in some cases
54838	Fast Change - Mekko Chart - Bar Chart - If the orientation on the Bar chart is changed the X-Axis doesn't change to correspond with the Mekko chart
55125	Label of "Total" row in Straight Table is not saved if the document has existing project files
55593	Ajax/Webview Slider Object Static Step Not Shown Correctly
56016	IE Plugin/AJAX - QVS Locks the Shared File Disallowing Further Access to QVW by All Users
56198	Selection box shows up in Read-Only charts on iPad
56293	QV 11 Mekko chart shows Zero (0) on data point
56491	V11 - Plug-in/developer and Ajax/webview : Conditional Show of text on a report, won't show when its prints or print preview.
56941	AJAX: Unexpected Exception Occurred when omitted fields are selected in a MultiBox
57037	Health check QvsStatus.aspx does not work with v11
57897	Qlikview Server - Root Folder - Mounted Folder - If the mounted folder has the same name plus an extension (IE- (.)) period) Session Collaboration doesn't work (IE QlikviewRoot = Root - QlikviewRoot.demo = Mounted)
58479	Axis scale is wrong when toggles to show/hide expression
58539	Specific document and selection causes "Lost Connection to Server. Reconnecting..."
59039	WebView/AJAX: horizontal scroll bar not displayed but shown by only dragging to extend the box
59232	QVS Crashing - No Logging Information or Reason Why
59307	Changing active sheet makes Qv.exe (32 bits) to crash
59329	IE Plugin- Missing objects
60124	SAP Connector error doesn't result in QVD file failure
60173	QMC Slow with large number of Document Admins
60511	Chart Font Color
60677	Container objects height and width change when closing and reopening
60759	Prj folder is created when Save AS a new QlikView file - before any changes in script



60823	Chart Overlaps after Changing Tab
60826	iPad: zooming on straight table sometimes works whilst most of the time doesn't
60827	Wildcard search not working in MultiBox v11 SR2
60884	Shared File Becomes Corrupt
61472	Legends on pie charts are being inconsistently cut off
61509	Extension cannot make literal selection
61766	After maximizing a chart in web view/AJAX, Click & Drag rectangle selection box does not render
61818	Clear Selections in AJAX not working with IE 8 when Calculation Condition is used
61827	Re-ordering columns in the chart of a specific application causes QlikView Server to crash
61842	Objects are not shown, but can be selected
61935	List Box in a container: Sort order not respected
61940	Ajax Selection is not cleared properly if Bookmark Properties is modified and its Windows is kept open
61946	Removing QDS from Cluster - Tasks Still Load Balance to Removed Node
61947	AJAX - Chart will not automatically minimize
62036	Direct Accesspoint URL with opendoc.htm does not redirect to custom login page
62101	Hidden objects are being calculated
62260	Ajax/ WebView: No slider in Slider Object in WebView/Ajax IE 10
62362	Publisher task - Trigger task weekly - Run every 4th week : When an task is schedule to trigger weekly and run every 4th week, instead it will run every week.
62372	Alternate Login Page fails with plus sign is password
62387	OLE DB - Publisher - Oracle DB - When a task is run through Publisher with an OLEDB connection string to an Oracle Database 11g it will fail, but Developer will run fine
62420	TaskNotification.xml file in QDS clustered environment switches between 1KB and xxKB in size
62442	Clear button not clearing selection after removing bookmark
62539	line Chart: Duplication of data points when a value is missing
62556	Shared Server Bookmarks are not working and cause erratic behavior.
62560	Container Tabs are cut to around 20 chars in WebView
62567	iFrame and CTRL+ select selections in List Boxes not working for IE 9 and 10
62577	AJAX - Bookmarks Not Written to Shared File Upon Creation Request by User
62612	Session Log - Session CAL - 1899-12-30 00:00:00 - Timestamp - No UserID - If a Session CAL used and lapses into a reconnection it will post a Session Log entry with no User ID and a time stamp of 1899-12-30 00:00:00
62675	iPad iOS 6.1.3: Drill down icon changes expression twice
62691	Ajax - V11 - buttons: Invalid Argument. QVAjax.js, Line:58
62789	Pivot table on Ajax don't work for any browser "straight table works"
62876	Pie Chart - values on data points- the values are not shown at all
62902	'Show as tree' set on ListBox prevents application from loading in AJAX
62913	Texts not displayed as expected in AJAX in 11.20
62952	Drawing of chart failed internally - Pie chart
63001	AJAX: Unexpected exception occurred! when pressing space in wildcard searchbox in Combobox and Straight table
63012	Columns still resizable in AJAX even after option to lock it is checked
63024	Document Admin "Distribute to QlikView Server " if one of the servers is down in Cluster

63049	List Box: State/Auto Ascending sort is lost after a selection is s made
63060	workbench: Specific ListBox shrinks when selection is made
63073	Combo chart/ line chart: Text on Axis showing wrong values
63084	SR3 Beta - Incorrect values returned loading from QVDs
63107	Ajax / WebView: Size of object change when using more than 1 line in the caption
63136	Document not opening in 11.20 SR2 AJAX
63141	AJAX/WebView: Multiline settings of the 1st field is applied to all fields in the MultiBox
63185	Ajax: Pivot Table values are not rendered, but white spaces are displayed after scrolling the bar
63202	BigQueryconnector crashes and put QVS in a restarting loop
63212	Difference in Server Object handling Plugin and AJAX - Drag/Drop from Repository behaves differently
63225	AJAX - Internet Explorer and Repository: List of Dimensions for new objects times out/ hangs browser
63230	Pie Chart two dimensions: values on data points not correctly displayed
63239	AJAX - IE - Input Box - Not able to mark [select] text
63267	AJAX- Macros not showing in dropdown when creating button.
63401	IIS - QVS cluster - One server in cluster down no documents are listed on the AccessPoint
63403	Missing symbol ignored for missing value in pivot table
63501	List Box doesn't show in mobile app and in small device mode
63528	Treeview causes crash with Japanese data
63590	QV 11 SR3 Desktop - Application Hangs on Opening QVW
63607	Cannot open saved files in Personal Edition
63614	11.2 SR3 - WebView Not Working
63635	Server - pivot table column is hidden when section access is enabled
63681	Desktop: Changing background color in "Custom Format Cell" function is causing a big grey "X" in Table Box Object
63700	YearStart function
63724	Invalid character in .pgo files (BorrowedCAL.pgo CALData.pgo) causes QMC not to list properties/ CAL data
63767	11.20SR2 x64 "Allocated memory exceeded" Error, while no error with x86
63881	Scrollbar Jumps Back to Top Unexpectedly
63905	Sorting Not Working in Straight Table Expression When Double Clicking
63980	Qlikview Desktop - When creating a user bookmark it is not possible to include Input field values in the bookmark
63996	Decreased performance on file opening
64005	Desktop and AJAX: "Send to Excel" function is adding unknown codes to the first column in every 1428 rows
64012	Desktop: Deleting slider object causes freezes
64059	Pivot Table - Custom Format Cell - Calculated Background Color Not Retained
64062	iOS: When Authentication = Login getting "Authentication Failure. Unable to authenticate"
64107	iOS app: When using Authentication = Login Category and Document list is not Updated
64123	Desktop Client: Dynamic (Expression) Bookmark show value instead of Expression
64156	Desktop Client: Data points display incorrect values in Line Chart 11.20
64175	Server extension - Adding RemoveExcelAfterDownload=1 deletes script.js file in

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	extension object
64208	AJAX - ListBox randomly disappearing in large QVW
64212	QMC - High CPU load on Windows XP
64310	Upgrading does not update SQL QVPR
64311	Syntax checker not working properly with Dollar sign
64322	Current selection values are retained after the bookmark is modified
64438	QlikView crashes on NULL in Valuelist
64737	Object show different values when they should be the same
65417	Reloading from QVD slower in SR3 than SR2

## 7 Bugs corrected in QV11.2 SR3

43916	Incorrect association to bookmarks when you try to delete a minimized extension
48754	AJAX/WebView - Maximize Object Displayed in Container results in incorrect object size
49738	Plugin/Developer V11 and Windows Office 2007 - Copy to clipboard > objects are not pasting correctly in PP, WORD or EXCEL.
50251	Ajax IE8/9 By Clicking in the Background, Main Tab Becomes Active
51630	Extension: Unable to change size of minimized Extension - QlikView crashes
52060	Certificate Trust installation may not correctly set web.config
52101	Vertical Text only shows if column is widened
52734	Cycle Group error, ListBox objects are not displayed when using Section Access
54459	Section access with OMIT: User not able to access the document.
54616	QlikView11 - report prints first 12 months instead of last 12 months
54617	Error: 'Drawing of chart failed internally', displayed on random selection of dimensions
54687	AJAX - Resize Window + Close Session + Restore Session + Maximize Windows Resizes Improperly
55203	Reload hang when exceeding 750 000 000 lines (unique values in a field)
55400	Container Object with Bar Chart freezes upon minimize/maximize
55824	Dual() function returns unexpected textual value in chart expression
56192	Maximizing/minimizing containers freezes QlikView
56925	Desktop: Previous() does not work as expected
57145	Ajax/WebView: Calendar object will not be translated as language interface configuration
57538	Calendar - Ajax - Brazil Time Zone: Random behavior with calendar when using Brazilian Time Zone.
57843	Small Device View/Mobile Client iPhone 5 thumbnails do not scale properly
58160	List Box: Auto Ascending sort not respected
58336	Slider Object with date Var show Numeric Values in alt Tag
58493	QV WebParts - Objects moving (did not scale) on Printoutput
58507	Documentation on sorting behavior of alphanumeric fields (v11)
59328	Qlikview - Publisher: Loop and Reduce uses more memory in v11 SR2 11440 compared to v10 SR3 9061
59422	Cannot access QMS Service if set up Service Authentication as "Digital Certificate"
59929	Bad DPI Value in iFrame using Firefox
59974	Chrome: AJAX not displaying ToolTip
60169	QlikView - Publisher- Loop and Reduce/Distribute: Tasks taking longer to run over time
60495	Unexpected exception occurred when having a MultiBox with a field that no longer is available.
60550	QlikView Management Service - RAM exceeding 2 GB When Clicking on QVS Statistics + Server
60552	In straight table, dimensions are not scrollable on QV Desktop but scrollable on AJAX client
60619	AJAX - IE8 cannot create user objects with dimensions
60676	obsolete key in QVManagementService.exe.config

60710	Correct misuse of "ClusterFile.Write()"
60804	QVB.exe - Increased demand for memory during Binary reload in QV 11.2 SR1
60817	Memory consumption is very high in 11.20 on a machine with a high number of cores
60885	Server Object Dialog is removed from the Layout menu, but the description in manual and help still exist.
60916	Data not displayed after Detaching/Attaching chart
60939	QVS is Generating Multiple Tickets at Once For Same User (Simultaneous)
60940	V11.2 - PDF distribute - loop and reduce: When the report is distributed via PDF and after the loop and reduce the report comes back empty it will fail with and error " ErrorCode=PRINTER_EMPTY_PRINTJOB" .
60941	Reload is not finished for long time when reload specific data amount
60955	Not able to fetch data from a webpage using Qlikview Distribution service when going through a Proxy
61012	Digital Certificates used in two Forest no trust configuration not able to get certificate from QMS Forest to IIS Forest in DMZ
61014	AJAX - Ellipsis ( ... ) - When a column is truncated it does not show the ellipsis in AJAX but does in IE Plugin
61071	QlikView Desktop: Carriage return chr(10) and chr(13) do not work custom error messages in chart with Firefox
61177	QV 11.20SR1: QlikView crash when deactivating "Minimize" on minimized objects
61339	Documentation: Sort by Expression on text field does not work (ListBox)
61361	AJAX - Conditional Expression - Clear
61595	Slider not working in WebView when using IE10
61596	Reload Performance Improvement
61633	QlikView Configurable ODBC: When using Microsoft SQL server as a data source you must use an override connection string
61782	AJAX: Right click cyclic group does not show dropdown list
61994	IE7 hover over not displaying correctly
62056	Qlikview Management Console: Need to remove the wording that Groups can be added as document administrators in online Help
62080	IIS - Safari browser - Login prompted twice
62185	Improve stability of "On Multiple Events" triggers running in a clustered QDS environment
62641	InYear & InMonth functions using variables crashes QlikView application on reload
62557	General Script Error when using single character match (?) in the script
62729	Virtual Memory allocation fails for machines with NUMA and OS < Vista/Server2008
63028	Straight table doesn't work when you open a document

## 8 Bugs corrected in QV11.2 SR2

43647	Plugin: Certain sheet objects almost disappear in container on clear/selection/resizing
43649	Plugin: After minimizing a grid container a few times and then restoring it, charts may become unresponsive
44650	Local/IEPlugin/Ajax Bookmarks "Include Layout State" & "include Scroll Position" Not Work
44736	When dragging minimized chart into grid container object, chart disappears
45236	IE Plugin: If an object in a container box is cloned the changed position and size won't be saved
45459	AJAX/Developer/IE Plugin - Conditional show function for a Report not working
45763	Workbench - Button - Action - Print Report: If you create a button to print a report in a QVW the report is not presented when the button is clicked in WorkBench (Version 11)
45943	Script syntax checker incorrectly reports error in concat function.
46122	Multibox has extra kerning/space on the text.
46203	Conditional show/hide of report not working in Ajax
46944	Qlikview - Reloads using 100% CPU and time to finish is much higher when parallel reload is turned on.
47226	Desktop Client: Nested Container with one Container in Grid style doesn't work as expected
47289	V11 and plug-in - Chart/objects have hard time to load in a container object with another container.
47500	Desktop Client: Container with nested container + grid style breaks objects
47599	Print report not working in AJAX.
47992	Number Format Settings lost after reload task on QlikView Server 11 when document saved in v9 or v10 Developer
48215	Bar chart displays 'Allocated memory exceeded' error when 'Show others' option is selected
48519	Link inside QlikView document is too small on Android 2.3.6
48566	AJAX - calendar object popup cutoff if placed too high
48703	WorkBench does not respect availability/pre-load options set in QMC
48737	Background color can't be changed (IE10)
48738	Additional options is blurry (IE10)
48739	Calendar & Slider Object makes QVS crash (IE10)
48749	Preserve scroll position doesn't work (IE10)
48771	Bookmarks not showing original selections
48813	clicking on both mouse buttons at the same time a couple of times makes QV freeze (IE10)
48816	"Trellis setting first dimension" causes freeze (IE10)
48817	Chart scrolling windows pops-up when pressing enter inside a input box for Bar (IE10)
48818	Color gradient in caption not working (IE10)
49121	iPad/Safari - hyperlinks not easily clickable within table charts
49159	AccessPoint View details Window Points to Multiple Charts
49409	Moving column in straight or pivot table in WebView or Ajax, application allows the user to make selections in the whole application
49498	Desktop - Container object within another container object gives strange behavior
49516	Pivot Table - Container Object - Trying to Pivot a table in a container object doesn't work.
49649	Problem with creating PDF: ErrorCode=PRINTER_UNKNOWN_ERROR

49921	Plugin - My server object disappears from sheet after being changed from bar chart to pivot chart
50070	Ajax/WebView Current Selection Displayed in one Line, not in multiple lines
50233	Desktop: Buttons in Container Box with Grid Style will be intermittently minimized
50300	Ajax Client uses Browser Authentication when open direct link when Alternate login page (web form) is set
50491	Objects disappear when switching between objects situated in 2 containers
50543	Wrong Arabic text layout in PDF report
51075	Task fail if configure Reduced "Document Name", "Loop and Reduce" Field and no data exist in the Field
51288	Documentation - QlikView Extensions: Missing documentation on definition.xml
51520	QlikView Desktop Client: Slider Objects does not work properly in a Container Object with Grid style
51534	Cannot select predefined values within an input box from mobile devices
51544	Ajax: Slider Custom Scale, if Major unit is set 1, the whole document breaks.
51561	QMS - Backslash button in Reduced Document Name Template documentation
52597	Text objects disappearing randomly inside container in grid mode
52772	All selections in a field selected after reload
52961	If entering wrong Password from iPad, you have to close Safari before you can log in again
52979	iPad Offline Client: Remove all Access methods in QMC for a document, you still see the document in iPad
53037	Upgrading from v11 SR1 to v11 SR2 slows down reloading
53192	Publisher - Document open call failed. The document might require username / password - Failed to check out document with path
53419	QlikView: Using Set clear state that contains a value with two words, will go to every occurrence of the two words not just the combination of the words (not doing an exact search)
53421	Button added to Container Object - Size changes in unexpected way
53552	Task lock own temp files during reduction
53664	Charts in Container can only show partially with large volume of data
53666	Snapshot cannot be viewed as Allow Server Bookmark is Disabled
53829	Installing QlikView with IIS support is not possible in Windows Server 2012
54062	Close button is wrongly positioned in IE10
54170	When Services are divided between servers, the QVS has an Alerts tab although this should not be there with Publisher license
54304	Selections in semantic fields are not drilled down as expected
54311	Publisher task fails with System.Runtime.InteropServices.COMException (0x80004005)
54437	Prohibit anonymous and Alternate Login Page method in Authentication not working as expected
54452	Alternate Login Enter key intermittent issue
54453	QV11 "Allocated Memory Exceeded" displayed in chart with multiple selections
54478	Different behavior in qv11 vs. qv10 for getFieldSelections
54502	AJAX/WebView - Hover Over Image in Straight Table Results in "Null" as a Pop-Up
54656	AJAX performance slowdown after a short time
54772	Vertical text on column labels does not work in version 11 (in IE7 & 8)
54794	Bar chart: Total mode not working as described in the Reference Manual
54855	Task in status scheduled in QMC when there is a trigger on the task.
54912	Ajax Client: Conditional show for Report is not working in Full Browser/Ajax Client
55324	QlikOCX 32 bit crash when about 500 GDI objects are reached
55590	Current Selections not showing in Ajax when selecting empty string in a field.

55653	Straight Table - AJAX/WebView - JS Script Error "Unable to get value of the property 'multirect': object is null or undefined"
55719	Bookmarks do not show up in Favorites/Drop Down for Plugin and AJAX in cluster
55720	AJAX - Chart fails to display in IE8 on Windows XP
55781	Desktop Client: Values on data points not displaying correctly in Line Chart 11.20
55787	Publisher - PDF Distribution - Second QVB launched causing a hang
55788	Ajax - Should cycle through each item in the list box when the up or down arrow is used
55792	Scheduled weekly tasks skip a week in the end of a year
55829	Task with two triggers set for the same time, where one is disabled, will not run
55922	Container objects - Click on minimized object and open that container, the resulting object will be very small at the top left of the screen.
55934	Ajax Edit Expression Dropdown List doesn't stay open in IE7
55936	Memory error message when the user failed logon from Desktop on 32 bit OS using open in server and alternate login
55965	Weekly trigger does not always trigger when scheduled
55984	Traffic light gauge not displayed correctly in WebView and AJAX
56019	Internet Explorer- IE Plugin - Sheets - Selection boxes - disappear after switching sheets and reappear momentarily after an item is selected and then disappear again, they return after selections are cleared
56197	Bookmark with Select in Field Trigger Overrides Always One Selected Value
56205	Printing report makes selections and properties to change
56227	QlikView Desktop - Minimized container object size is not saved
56240	QlikView changes selection after using "Select in field" action and printing a report
56256	Performance Issue in QMC.
56505	Developer: Container in Gridview resizing Objects
56653	QlikView - Tutorial/Example Files: Some example and tutorial QVWs will not open in Personal Edition
56704	Minicharts show "Null" for hover text in Ajax
56707	Qlikview - Container Object: Zoom in on chart greater than 100% the container gets blurry
56708	AccessPoint: AccessPoint.jpg is missing in Program Files, image missing after failed login
56758	Images/text objects not displaying correctly in nested containers
56811	SAP BAPI Connector not returning data
56957	WorkBench: Website is not displayed properly in IE10 (charts are not displayed)
57009	WebParts: Web Page is not displayed properly in IE10 (charts are not displayed)
57032	Ajax Bookmarks "Include Layout State" & "include Scroll Position" does not Work
57108	On iPad (or mobile devices), swiping finger / zooming on "unscrollable" objects cannot move the whole page anymore.
57242	Shared File - QMC - IE 8 - User Documents - "An established connection was aborted by the software in your host machine"
57244	AccessPoint favorites are being lost when using QMS API to save QMS Metadata
57248	Direct Discovery - Qlikview developer freezes / crashes, when display data from a direct discovery table using an in-memory field as the dimension.
57381	Upgrading from v11 SR1 to v11 SR2 "11414" slows down reloading
57477	AJAX/WebView: Edit expression window: drop down menu for Aggregation, Field, Function and Variable are lower than box
57498	Documentation and description of Allow Creation of Server Objects is wrong
57625	Document is still in offline mode after turning on Wi-Fi
57669	Properties not working when right clicking in WebView mode (WIN8)
57709	Removing a specific Document CAL through the User Management purges ALL



	Document CALs for the document
57555	Ajax: Unable to save exported CSV file in either Chrome or Firefox
57848	QDSNeedRestart method of the QMS API does not work as expected
57862	Desktop - Legend presented with Color Gradient even when Solid Color option is set
57928	AJAX/WebView: Wild Search "*" not visible in drop down select search
57985	IPad / mobile client - Wildcard search : input cursor appears after * characters, instead of between
57988	AJAX - Add Bookmark box displayed behind sheet objects
58033	Space in access point url causes an error in the Offline Client
58084	SAP OLAP Connector generates faulty file name
58175	QV11 Distribution Service FileSystemWatcher I/O Buffer Overflow Exceptions
58208	Settings not applied after changing Distribution Service settings through QMS API and immediately restarting
58235	SharePoint JS error: "qva is undefined" when clicking on a chart during a document refresh
58242	Rapidly swiping or zooming in/out on AJAX client generates huge lags on iPad(Safari browser)
58291	Desktop Client: Multi Box doesn't work in Office 2007 / 2010
58310	Document Bug: Document chain action is not supported for IEPlugin for non-domain users
58311	(AJAX) In Pivot Table, texts are being wrapped in the middle of words, instead of on spaces
58350	Disabled task will still run if trigger is enabled
58360	Ajax: Not possible to scroll on the horizontal scroll - IE7
58377	Documentation on Registry settings is missing in QVS version 11
58381	Publisher GetFiles failed After Deleting Task and Removing Document
58421	82 column table not rendering in Ajax
58605	Ajax Chart Properties: Dimension Edit Box Enter Key Generate New Dimension
58608	Cannot copy session collaboration link from IE9
58609	Tasks are still attempting to reach the old location after changing the distribution service source and root folders
58696	(AJAX) Zooming in to 400% makes objects move out of their original position
58758	Distributing PDF reports to a subfolder based on a fieldname does not work
58760	Qlikview Server - Not able to login as Custom user if User name contains Å, Ä, Ö
58913	Ajax/WebView: Titles of container objects truncated
58935	Temp Excel Files are not deleted from Alternate Temporary Files Folder Path; ServerTempSecTimeout = doesn't work either
58950	QV.exe - Increased demand for memory during reload in QV 11.2 SR1
58952	Extension do not work with Internet Explorer 10 (IE 10)
58959	QVB.exe - Increased demand for memory during reload in QV 11.2 SR1
58969	Autodetect NUMA enabled/disabled. If disabled auto set soft switch
58990	Wrong horizontal scroll bar
59120	GetAllVariables() function is not properly described in the JavaScript API documentation
59126	IE10: JavaScript error when you close new bookmark dialog
59380	AJAX Different icon used for same drill down group in different objects
59525	Search in ListBox will be changed after cancel in the print dialogue for the ListBox.
59535	Accesspoint - Bookmarks - Selections- When selecting a Bookmark on the Accesspoint the selections for the bookmark aren't made
59876	Publisher - hourly reload randomly selects a day
60128	Color of Legend in Chart is two toned with black shade

60302	Directory Service Connector only work with overwrite connection string
60398	Document Development - if Statement - Legend - Gradient Color - If there is an "If" Statement to explicitly change the color in a chart it will make the legend show the color as a gradient
60510	Cycle Groups- Drop down - AJAX - Pivot Table - Cycle groups showing very limited options or possible selections in the drop down
60700	Drill down groups not working as expected
60938	Alternate Login - Prohibit Anonymous - Internet Explorer (IE) - Prohibit anonymous and Alternate Login Page method in Authentication get a "Login Failed" in Internet Explorer, but will let you in after you clear the okay prompt
61678	Qlikview Desktop - Reload fails in 11.2 SR2 Beta but works in 11.2 SR1
62185	Improve stability of "On Multiple Events" triggers running in a clustered QDS environment

## 9 Bugs corrected in QV11.2 SR1

Bugs missing in QV11.2 IR compared to QV11.0 SR2 have now been merged.

As we have fixed the bug 48444, distinguishing Japanese characters (hiragana and katakana) of the file names is possible with 11.20 SR1.

Please change the below value in the following file. Location of the config file:

C:\Program Files\QlikView\Management Service\QVManagementService.exe.config

Before change: <add key="StorageIsCaseSensitive" value="false"/>

After change: <add key="StorageIsCaseSensitive" value="true"/>

Save the file after changing and then restart the QlikView Management Service from Windows Service Manager.

### Bugs corrected in Update 1:

ID	Title
58958	QVB.exe - Increased demand for memory during reload in QV 11.2 SR1
58950	QV.exe - Increased demand for memory during reload in QV 11.2 SR1

### Bugs corrected in SR1:

ID	Title
42660	The Vertical Labels option seems to have no visual effect.
42728	The Vertical Labels option seems to have no visual effect (Pivot Table).
42838	AD Groups do not resolve as Document Administrators
43470	When "Generate log file" is enabled in document properties and the document is reloaded with command line (out is used), Japanese letters of the log is not readable
43528	QMC -Trigger: Empty string after "every" when not selecting a specific day in a weekly trigger.
43601	Ajax: Grid container "blinks" when any change made in inside objects
43615	Ajax - Icons don't look good in IE8
43620	Ajax: Promote/demote not working in container, arrows in object list should be removed
43641	Ajax: A chart with fast-change in a grid container changes position when the chart type is changed to straight/pivot table
43684	QMC: Named users showing users even though there are none
43687	QMC: Authorization in User Documents displays duplicates of "All users" user type
43754	QMC: Change Root Folder issues
44224	Task Error "Object reference not set to an instance of an object", when this specific .qvw reloads from QEMC
44400	Some Chinese Characters Not Searched with Wildcard
44804	QVW - Container Object - Developer/IE Plugin/AJAX - Excel - Exporting from one Container Object doesn't let you export from another.
45033	Desktop/IE Plugin: Unable to clone second container by using more than one container within a container
45040	Cannot select/unselect from a list box in iPad when Hide Excluded property is chosen
45045	AJAX/WebView: Wrap Text Cell does not work for total or at all
45076	JavaScript API - The setOnUpdateComplete function is called twice when

	document is loaded
45193	Ajax client js code prevents interaction with flash extensions in IE9/Chrome
45240	When dragging minimized chart into container object, chart disappears
45443	Ajax: Vertical labels not working in table
45738	Desktop: Alternate State variable is always shown wrong in Expression Definition
45763	Workbench - Button - Action - Print Report: If you create a button to print a report in a QVW the report is not presented when the button is clicked in WorkBench (Version 11)
45790	IE Plugin: Instead of removing copied container object the origin container object will be deleted
45794	Desktop / IE Plugin: Moving top container object through caption to second container remove complete container object
45823	AJAX: Unable to make a break in Notes
45834	IE-Plugin - Export: Export To CSV gives error
46082	Printing issue in charts with scroll bar in x axis
46236	Table icons design are different in IE7 Vs. IE8 or IE9 in AJAX
46523	Ajax: Search object border is not visible
46664	Cannot create Bookmarks in Ajax unless in document properties/server you have "Allow Server Objects" checked
46719	Minichart not rendered as expected
46871	QV11.2 SR1: Tutorial Document Bug: Installation Folder Path Incorrect
46912	Developer - conditional expressions still calculate
46970	Container chart value changes while the expression promoted and demoted
47145	AJAX - Properties box covered up by a chart
47148	QV10 dotted graphs shows line graphs in QV11 and less information
47164	Full Browser: Print Sheet does not work properly
47316	AJAX - Wildcard - Search - Wildcard search causing selections to be cleared
47355	First click in Ajax client after application has been reloaded does not have any effect
47392	QV Accesspoint - Document TabRow current Tab didn't set bold - StatImage missing
47414	Section Access doesn't load the background image
47447	Expression Overview dialog not working due to Container Object issues
47503	GetTaskStatuses call in QMS API returns System.NullReferenceException
47558	Section Access OMIT Invalid Dimension Influence Alignment Setting
47611	PDF Distribution: Report with locked objects will be shown unlock in PDF Distribution
47743	Interactive sort not working when the enable conditional condition is not met
47774	Grid Chart with animation Legend issue
47786	Shared file not working as expected after migrate to a later version
47815	QlikView 11 - "Allocated Memory Exceeded" error in Trellis Pie Chart
47959	Oracle - DSC - Configurable ODBC: Group resolution does not work if member ID or group ID has an Alpha Character
48180	Container 'Label for Selected Object' removed when using prj folder
48217	Dimension Limits and Show Other Values requires Suppress when Value is Null selected
48285	WebView/AJAX - Line breaks in help text are not shown when clicking on "?"

48300	The Input box for the Index and search section in Web help does not work (Transformer pad)
48340	Input field for bookmark name is displayed in two different places (Transformer pad)
48345	Document Support Information close icon is not displayed entirely (Transformer pad)
48352	"Delete" option missing for comments in the note window (Transformer pad)
48354	Graphical issues with note windows (Transformer pad)
48357	Scrolling issues (transformer pad)
48374	Current Selections indicator (green dot) not shown in the tab row (Chrome, Firefox) or unreliable (Internet Explorer)
48375	AJAX - Slider not changing variable when moved to a negative value
48397	QvAjax.js gives an error when closing a document containing an Extension with Java if JRE is 64-bit
48413	Verbatim=0/1 does not work for script loads
48440	Section Access - Document created in 9 will not allow Users to access, but will let Admins access
48444	QEMC - Publisher: Japanese document names not handled correctly
48622	Microsoft SharePoint 2010 and WebParts css page conflict
48800	Localization Bug: Dimension Limits: Reference Manual/Help/Interface Incorrect Japanese
48821	Bookmarks with default name will not be highlighted in Bookmark list when selected (IE10)
48844	iPad - Document Chaining - Drop down select - AJAX on iPad when selecting a drop down to document chain to another document it doesn't let you
48851	Table box background color gradient issue (IE10)
48859	QlikView 11 SR1 - iOS - Gradient Not Working in Web Clip or Mobile Safari
48899	QlikView 11 - IE Plugin - OCX - Power Point - Cannot Paste Multibox
48906	QlikView11 - Prints first 12 months instead of last 12 months
48954	QlikView 11 - AJAX - Chart Will Not Fully Render
49073	QlikView 11 - AJAX - PDF - Trellis Chart Renders Incorrectly in AJAX
49160	Developer Pivot Table Dimension Not Move Expectantly
49176	Horizontal Ellipsis Not Displayed as Text is Too Long
49201	When terminating a session collaboration from the guest application the "Leave Session" Message Box remains after connection been terminated
49340	WAD: Pie Chart Slice Limit Up to 500
49381	cannot drill down with WebView mode
49414	Japanese Bug: Attachment file of Mail with bookmark as a link cannot be opened if the document name has Japanese characters
49548	Shadow Properties on new sheet objects default to Soft Shadow
49601	Ajax/WebView Expression Not Pivoted By Changing the Order in Chart Properties
49691	AJAX/WebView: Expression displayed as Image is not showing in Straight table/Pivot table columns
49694	Japanese QVD File Name Cut Off After Load with Qualify, Reload Fail with Batch
49702	Distribution Service consuming CPU even when no QVB processes are running
49749	Unable to drag and drop linked object from container box to Office

49760	Documentation of Linked Objects is wrong in QlikView Reference Manual 11
49765	Tabrow font type cannot be modified in AJAX
49812	Documentation: Text regarding Preloading is completely missing
49884	Documentation: Copy Data / Copy Image to Data functionality in Ajax/WebView is missing
49925	Save Link Failed to Open if Document is Stored in Folder in Japanese
49943	Cross Site Request Forgery
49953	Documentation Issue: Allow Server Bookmarks and Allow Server Objects
49962	Custom Directory is slow when holding 600+ users
50048	IEPlugin: Current Selection scroll bar disappears when scrolling down to the bottom
50140	Bottom cell Borders on Pivot tables are missing in AJAX
50252	Document CAL - Number of CAL cannot be updated in QlikView Enterprise Management Console
50354	Publisher - task fails "System.Runtime.InteropServices.COMException (0x80004005): Error HRESULT E_FAIL has been returned from a call to a COM component"
50562	Focus on button in AJAX when pressing Enter
50572	IE Plugin - Mail With Bookmark As Link Deletes Temp Bookmark After Accessed by One User
50713	New version of document becoming available causes Section Access to display too much information.
50735	AJAX - Bookmark is not created when selection is made in a range, ex. <10
50742	QMC - IE - Document CAL - Assigning a lot of Document CALs manually in Internet Explorer causes a slider bar to appear
50757	Custom Delimiter Pipe: Japanese Character Contains Delimiter Byte Value
50775	Error while generating PDF files using QlikView Publisher
50897	Scrollbars don't use the right color in AJAX
50966	Issue with Line chart - Image background highlighting
50982	QDS initiates distribution on a task even though no distribution is set
51313	Workbench: Print and Excel icons sometimes disappear when using Firefox
51358	Desktop - Container object within another container object gives strange behavior
51381	Formatting not retained in document developed in 10SR3 and opened in 11 SR1 and SR2
51384	IE Plugin - Section Access: Prohibited Data is still visible in Current Selection if bookmark contains it.
51385	IE Plugin - Section Access: Does not prompt for password if incorrectly entered for the user the first time
51387	Qlikview Desktop Client - Japanese Language: Does not define correct expressions in Expressions with Statistics Chart Wizard
51419	Configurable ODBC dsp using Oracle DB returns no users
51442	Temp folder ...QlikTech\DistributionService\1\temp won't be cleared
51511	Documentation path is not correct when an update is made to 11 SR2
51645	Data suppressed when opened pivot table in Ajax in IE
51657	QlikView Desktop: Carriage return chr(10) and chr(13) do not work in the title of a table box and produce error messages in chart
51678	Header background changed, when expression background changed.
51689	AJAX: Conditional show for Report not working

51744	Ajax: Calendar Object display on top of the corner
51764	Shared bookmarks not automatically added to the list of favorite bookmarks
51840	Changing field name and opening object properties in a container crashes QV.exe
51931	Table: Text wrap doesn't work properly
51938	Ajax/WebView: List Box Tree View - Hierarchy node in tree view are marked as selected (green color)
51967	Alternate Login File Changed from Login2.htm to FormLogin.htm in v11SR2, Fails to Authenticate without Reapplying Setting in QMC
52117	Ajax: Horizontal Straight Table All Values (Over 80) are not Shown
52143	Qlikview Management Console - System - Setup - Qlikview Servers - Folder Access: Need to remove the wording that Groups can be added as document administrators
52149	QlikView Server Hangs for all users, all docs.
52271	QMC: Unable to select month in Configure Trigger > Monthly
52350	Plugin - editing a cloned object's properties crashes IE
52351	Export to Excel much slower in Pivot Table when using Conditional Expressions
52372	Ajax/WebView: Wrap Header Text not working
52373	Ajax/WebView: Text Wrap in MultiBox does not work
52420	Selection not possible via legend
52423	QlikView Publisher - PDF distribution fails with an IO exception
52424	Document loses part of selections intermittently
52428	QlikView crash when open Script Editor with installed SAP Connector
52459	Decimals rounded differently results in different results for total sums
52482	AccessPoint Preferred Client: Unable to open *.qvw through Thumbnail on AccessPoint when user Preferred Client is not set in QMC Availability
52509	Developer - 11 SR2 32 bit (x86) 64 bit (x64) - Column Header disappearing when there is no data in the column
52511	Qlikview Desktop - Graphical bug in stacked bar chart
52518	Current selections: The scroll bar of the object disappears when scrolling it down
52553	Same selections on a document causes different behavior on current selections between SR1 and SR2
52557	IE plug-in and Developer - Export to excel with straight tables with conditional dimensions takes 10 X longer than same chart without conditional dimensions.
52586	Desktop - conditional background color corrupt on stacked charts
52615	Calculated color of border in report is not saved
52636	Application created in version 10 cannot be opened in version 11
52640	Desktop Client: Conditional Background Color formatting does not work properly
52701	Embedded license disappears when document is reloaded with a unlicensed QVS
52780	Distribution Service - Management Service Workorders folder will not hold/maintain GUID xml file
52797	IEPlugin Calendar Object Cannot be Cancelled After Open
52800	IEPlugin Calendar remains on screen after change tab
52807	Accesspoint - Section Access - Loop and Reduce with Section Access still showing the QVWs on the AccessPoint even if the user doesn't have rights

	to see them
52811	Installer fails QV11 SR2 and 2003 server X86
52813	Mail with Bookmark as link creates incorrect URL when using IEPlugin extra ;http involved
52862	QlikView Desktop - Wrapping of data is not working correctly in straight table
52879	QMC Local Directory Incorrect Username/Password Red * Not Displayed
52880	Reload failed ---> QDSMain.Exceptions.ThreadPoolJobStillRunningException: Aborting reload
52882	Loading Two Excel Files xls and xlsx with * (Wildcard) Fail
52884	Developer - bolding an expression in a trellis chart causes "Drawing of chart failed internally"
52887	Authenticate.aspx does not redirect to url that contain ampersand characters
52891	AccessPoint - Not able to remove a document from Favorites
52893	Custom System Message will at all times overwrite a "No Server" message
52894	Open QlikView document open action makes the original document to freeze (only with Windows XP)
52899	Qlikview Server - Cluster Setup - Cannot open QVW: Ajax gives no connection and Plugin gives Page not Found, using Preload and to load on a specific server in the cluster settings
52952	Developer - Pivot table with vertical header cannot be shrunk past the width of the column as if it were horizontal
52974	First Worksheet tab name is not visible
52981	Desktop client freezes when QlikView is concatenating QVD loaded tables
52990	QEMC - Publisher: Japanese document names not handled correctly
52995	Task get stuck loading (opening) a file
53005	Ajax - Table box using Export to Excel opens a new webpage rather than opening in Excel
53014	Dropdown to select tabs is missing in IE7 & IE 8
53023	3D Bar Chart - Values on Data Points hidden behind bars
53045	QlikView Desktop - Export to Excel From Secondary Cyclic Group in Bar Chart- Date Exports as Number
53047	Ajax - Section Access: Minimized icon and Button is not displayed after login if the password includes certain characters
53053	Distribution Service - QDS initiates a distribution on a task even though no distribution is configured (reload only)
53055	Ajax/WebView Expression Not Pivoted By Changing the Order in Chart Properties
53056	QlikView11 - Prints first 12 months instead of last 12 months
53057	Shadow Properties on new sheet objects default to Soft Shadow
53058	QMC: Unable to select month in Configure Trigger > Monthly
53059	iPad - Document Chaining - Drop down select - AJAX on iPad when selecting a drop down to document chain to another document it doesn't let you
53062	Container 'Label for Selected Object' removed when using prj folder
53063	Section Access doesn't load the background image
53064	Dimension Limits and Show Other Values requires Suppress when Value is Null selected
53065	AJAX/WebView: Expression displayed as Image is not showing in Straight table/Pivot table columns



53067	Section Access - Document created in 9 will not allow Users to access, but will let Admins access
53085	Documentation needed - Qlikview - Back button doesn't work as expected when trigger OnAnySelect is used
53086	QlikView Desktop crashes or does not open correctly if opening remote document from saved link
53106	PDF Distribution: Report with locked objects will be shown unlock in PDF Distribution
53110	QlikView Publisher - PDF distribution fails with an IO exception: The process cannot access the file ...because it is being used by another process.
53111	Qlikview Management Console - System - Setup - Qlikview Servers - Folder Access: Need to remove the wording that Groups can be added as document administrators
53112	Ajax/WebView: Text Wrap in MultiBox does not work
53117	Expression Overview dialog not working due to Container Object issues
53121	Publisher - task fails "System.Runtime.InteropServices.COMException (0x80004005): Error HRESULT E_FAIL has been returned from a call to a COM component"
53122	Ajax/WebView: List Box Tree View - Hierarchy node in tree view are marked as selected (green color)
53123	Table icons design are different in IE7 Vs. IE8 or IE9 in AJAX
53124	AJAX: Conditional show for Report not working
53125	Unexpected behavior when renaming fields of a Table box added in a container
53130	Tabs missing in AJAX
53267	AJAX - Properties box covered up by a chart
53274	Bottom cell Borders on Pivot tables are missing in AJAX
53294	AJAX - Search + Enter causes selection to be cleared
53313	Documentation path is not correct when an update is made to 11 SR2
53315	Data suppressed when opened pivot table in Ajax in IE
53316	Selection not possible via legend
53317	Full Browser: Print Sheet does not work properly
53318	Same selections on a document causes different behavior on current selections between SR1 and SR2
53319	V11 and plug-in - Chart/objects have hard time to load in a container object with another container.
53324	Current Selections indicator (green dot) not shown in the tab row (Chrome, Firefox) or unreliable (Internet Explorer)
53329	Store into csv file does not work
53343	Documentation: Ajax wording regarding Trigger support in version 11 manuals
53344	Image is not shown in text object
53353	Pie Chart, can't make Selection using text in Legend
53384	Tabrow font type cannot be modified in AJAX
53385	IE Plugin - Mail With Bookmark As Link Deletes Temp Bookmark After Accessed by One User
53443	XML LineageInfo: not showing properly information on STORE command
53531	Pivot table not showing all the columns in Ajax/WebView
53619	QlikView Desktop Client Integer Overflow
53643	WAD: Desktop - FieldValue function does not work as intended according to

	the documentation
53659	Opening AccessPoint crashes IE plugin in x86 Windows XP
53660	QlikView Desktop SR2 crashes immediately after start on Windows Server 2008
53665	Ajax/WebView: not all fields in Table box are displayed after scrolling
53911	Opening a document from AccessPoint causes QVS.exe to crash in Windows Server 2008 without R2
53946	Opening AccessPoint crashes IE plugin in x86 Windows XP
53949	Documentation path is not correct when an update is made to 11 SR2
53952	Installer fails QV11 SR2 and 2003 server X86
53954	QlikView Desktop SR2 crashes immediately after start on Windows Server 2008
53963	V11 and plug-in - Chart/objects have hard time to load in a container object with another container.
53964	iPad - Document Chaining - Drop down select - AJAX on iPad when selecting a drop down to document chain to another document it doesn't let you
53965	QlikView11 - Using Right Click to print a chart ignores where the scroll point is
53967	AJAX ListBox does not show Content: ListBox has data but is completely white
53974	IE Plugin - Mail With Bookmark As Link Deletes Temp Bookmark After Accessed by One User
53979	Shared bookmarks not automatically added to the list of favorite bookmarks
53982	Ajax/WebView: List Box Tree View - Hierarchy node in tree view are marked as selected (green color)
53983	QMC: Unable to select month in Configure Trigger > Monthly
53985	Ajax/WebView: Text Wrap in MultiBox does not work
53990	Straight table with >38 Expressions and "Suppress Header Row" checked does not show in AJAX/WebView
54005	Qlikview Management Console - System - Setup - Qlikview Servers - Folder Access: Need to remove the wording that Groups can be added as document administrators
54069	Developer - Pivot table with vertical header cannot be shrunk past the width of the column as if it were horizontal
54070	Wrapping is not working in straight table with Desktop
54088	Chart Properties: Presentation Tab Layout Cut Off in Japanese
54368	Qlikview Management Console: Cannot change the QMSBackendWebServicePort via the QVManagementService.exe.config, it is not respected if done
54451	Some Task Logs are not viewable through Task History Log viewer in QMC
54591	SalesForce Connector: The window name "Error" is shown when "Test connection was successful"
54610	Desktop Client: Wrong translation of Promote & Demote in Document Properties/Sheet German
54667	AJAX - Multibox search causing bookmark not to be saved when created with Macro
54739	Expression Image not displayed in SR2 -32 bits (11.00.11426)
54750	License lease period resets as often as running Desktop
54751	All values are 0 on Data Points values in bar chart
54752	Chinese Character garbled when export as CSV file

54756	Can't reload data from https source
54961	Bad performance in Ajax compared to IEPlugin when adding dimension in chart
55123	Publisher: OnPostExecute not sending Document Alert emails
55336	Design Correction: Session Timeout in Alternate Login Page gives error "Failed to Open Document"
55447	Accesspoint - Strange visual effect on AccessPoint using listed documents accessing with servername
55455	QMC - Supporting tasks - Trigger on Multiple event - List of tasks not sorted
55603	Cyclic Group is displayed multiple times in chart
55646	AJAX - Horizontal List Box Not Displaying
55654	Straight Table - AJAX/WebView - JS Script Error "Unable to get value of the property 'multirect': object is null or undefined"
55700	QlikView Crash when Reloading
55830	Certificate communication between machines causes QVS to crash
55897	AJAX - Charts not Displaying Properly
56119	Canceling re-login to document on Safari for iPad makes the browser hang.
56158	Configure Task options are not available with IE8 (winserver2003)
56246	AccessPoint - When using "info load" or "info bundle load" all pictures are not displayed when the document is opened on the Server (with any type of client).
56280	Qlikview Desktop - Concatenating two strings with ampersand(&) will hang QlikView Desktop (CONCAT script function)
56653	Qlikview - Tutorial/Example Files: Some example and tutorial QVWs will not open in Personal Edition

## 10 Shared file Cleaning Tool

QlikView are pleased to announce that a new shared file Cleaning Tool is now included in the QlikView Server executable. This will allow system administrators to analyze (verify) and repair (purge) the QlikView document shared files easily and effectively simply by running a command line execution of QVS.exe with special parameters. The server administrator will then have the option of using the purged shared file, or retaining the old shared file.

### 10.1 How-to Instructions:

There are two modes available with the Cleaning Tool, each specified by a different command-line parameter. The first mode is called VERIFY and the second mode is called PURGE.

**-VERIFY mode:** By using the parameter `-v` the Cleaning Tool will analyze the shared file specified in the command-line, and create a report detailing the results of the analysis performed against your shared file. If during the analysis the tool detects there is one or more INVALID/CORRUPTED object entries, in the shared file, the QVS will log as much information as possible around the INVALID entries. This information will also be stored in a log file named “SharedFileName\_clean.log”. This file can be found in the current folder when you started the tool in the Command prompt. Make sure that the user running the command-line has sufficient permissions on these folders.

**-PURGE mode:** By using the parameter `-p`, the cleaning tool will verify the shared file, and then also create a brand new version of the shared file with corrupt entries removed. This clean version of the shared file will be placed into the same folder where the original shared file is located. The new file will be called MYFILE.QVW.Shared\_clean, and the original shared file will not be overwritten. The server administrator can then make a decision to replace the original shared file with the new, clean shared file.

The format of the command that users have to type into the Command Prompt for using the shared file cleaning tool is the following:

```
C :> < Folder path where the QVS is placed + “\QVS.exe” > < -x > < Folder path + \Name of the SharedFile > <Cleaning Tool Mode>
```

**Parameter 1:** The path where the QVS.exe file is located in your system folder, plus, the name of the file to be executed, in this case, QVS.exe. All text must be placed in double quotes.

**Parameter 2:** By entering `-x`, as a parameter within the command, users are telling the QVS that they want to run the shared file Cleaning Tool only. This will not start the QVS service in “normal” mode, an instance of QVS will start, run the cleaning process then shut down.

**Parameter 3:** Path where the shared file to be cleaned is located, in your system folder, plus the name of the shared file itself. All text must be enclosed in double quotes.

**Parameter 4:** If user wants to execute the tool in VERIFY mode, use parameter `-v`. To clean the shared file, use parameter `-p` to create a new copy of the shared file, with corrupt entries removed.

#### 10.1.1 Step by Step instructions:

1. Make backups of your shared files before proceeding.
2. Locate your copy of QVS.exe. By default that will be in C:\Program Files\QlikView\Server and make a copy of it. Place the copy in a different folder, for example C:\Temp.
3. Determine which shared file you wish to analyze (verify) and if necessary, repair (purge).
4. Open a command prompt (run as Administrator).

5. To verify the shared file, enter the appropriate command line as below C:\> "C:\Temp\QVS.exe" -x "C:\ProgramData\QlikTech\Documents\TESTFILE.qvw.Shared" -v

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\ >"C:\Program Files\QlikView\Server\QVS.exe" -x "C:\ProgramData\QlikTech\Documents\TESTFILE.QVW.Shared" -v

C:\Users\ >
```

6. Locate the verify file log – the file will be called MYFILENAME.QVW.shared\_clean.log. The log will list each type of shared file object, and whether there is corruption or not. If the corrupt entry can be identified, it will list the object ID.

```
Invalid entries found, of type DocumentContent, while loading the old sharedFile.
-----
No invalid entries found of type DocumentContent.
Invalid entries found, of type MetaData, while loading the old sharedFile.
-----
Invalid entry with an empty OWNER and an empty ID.
Invalid entry with an empty OWNER and an empty ID.
Invalid entry with an empty OWNER and an empty ID.
Invalid entry with an empty OWNER and ID: LB02-30.
Invalid entry with an empty OWNER and an empty ID.
```

7. If there are corrupt entries, we recommend that you PURGE the shared file. Rerun the command line as above, and change the last parameter from -v to -p. C:\> "C:\Temp\QVS.exe" -x "C:\ProgramData\QlikTech\Documents\FinanceAnalysis.qvw.Shared" -p
8. The purge process will create a new shared file, with corrupt objects removed or corrected. Note the resulting file may be larger than the source file. The new file will be placed in the same folder as the source shared file, but will be called MYFILENAME.QVW.Shared\_clean. The original source shared file will remain in place.
9. Rerun the verify stage again, remember that the "new" clean file is called MYFILENAME.QVW.shared\_clean, so adjust your command line accordingly, otherwise you will just re-verify the old corrupt file again.
10. Locate the new verify log. It should now be clean and have no corrupt entries.

```
Invalid entries found, of type DocumentContent, while loading the old sharedFile.
-----
No invalid entries found of type DocumentContent.
Invalid entries found, of type MetaData, while loading the old sharedFile.
-----
No invalid entries found of type MetaData.
Invalid entries found, of type SheetProperties, while loading the old sharedFile.
-----
No invalid entries found of type SheetProperties.
Invalid entries found, of type Report, while loading the old SharedFile.
-----
No invalid entries found of type Report.
```

11. Finally, replace the old corrupt shared file with the new file. Do this when the file is not in use (i.e. there are no users accessing the application on the server). Rename the old shared file, and copy the new shared file. The correct name should be MYFILENAME.QVW.Shared.

## 10.2 Warnings and Limitations

- All input fields values specified by the users will be removed. Recommendation is for each user to write down all values which needs to be saved. Those values need to be manually added in the application with the new cleaned sharedFile.
- User created 'Bookmark object' will be removed.
- Any time you run the cleaning tool against a shared file, a new SharedFile\_clean.log file is produced. If you did not move the report generated previously, it will be overwritten with the new one.
- Make backups of your shared files before running the cleaning tool.
- In production environments where the existing QVS is very busy, copy the QVS.exe file to a temporary folder, and execute the command line against the second QVS.exe file. Make sure, before running the cleaning tool, that you have permissions for creating files within both folders. The one where the report file is going to be saved and the other one where the clean version of the shared file is going to be saved.
- The user must run the QVS.exe process with administrator privileges. In case you are experiencing issues when trying to running the tool, please, try going into the properties dialog of the QVS.exe file (right-click on it), and CHECK-ON the box "Run this program as an administrator", in Compatibility tab.
- If you have any questions please contact Support, and they will help you out as soon as possible.