SQL Reporting Services DNN Module Help

Table of contents

About

About
Last Updated: 04-Nov-2025
Current Module Version: 13.00.00

Introduction

Thank you for your purchase and support of the Module Masters Reporting Services Module. This module will allow you to view Microsoft SQL Reporting Services reports in a module within your portal. The SSRS support breakdown is as follows:
- SQL Reporting Services 2000 (Module Versions 1.X - 4.3)
- SQL Reporting Services 2005 (Module Versions 2.X - 5.X, See Installation Notes for Version 5.X)
- SQL Reporting Services 2008 (Module Versions 4.X - 11.X)
- SQL Reporting Services 2008 R2 (Module Versions 4.X - 11.X)
- SQL Reporting Services 2012 (Module Versions 6.X - 11.X)
- SQL Reporting Services 2014 (Module Versions 8.X - 11.X)
- SQL Reporting Services 2016 (Module Versions 10.X 11.X)
- SQL Reporting Services 2017 (Module Versions 11.X)
- SQL Reporting Services 2019 (Module Versions 12.X)
- SQL Reporting Services 2022 (Module Versions 13.X)

Release Notes

Version 13.00.00 (04-Nov-2025)
- Added support for SQL SSRS 2022
- Added support for DNN 10.0

Version 12.00.00 (12-Mar-2021)
- Added support for SQL Server 2019
- Updated report viewer control
- Added custom CSS classes for DNN report table formatting

Version 11.03.00 (28-Jan-2019)
- Fixed bug with blank report title when not supplying a page title override

Version 11.02.00 (28-Jan-2019)
- Fixed bug with report permissions generating an error when trying to edit permissions in DNN 9.X

Version 11.01.00 (26-Nov-2018)
- Fixed bug with page title override when using the [ReportName] token
- Added setting to force module report permissions, if checked no folders or reports display unless permissions have been set in the report permissions screen

Version 11.00.00 (10-Nov-2018)
- Deprecated Azure SQL Reporting (this product is no longer offered by Microsoft)
- Upgraded report viewer control to version to support 2017, adding official support for SQL Reporting Services 2017
- Added ability to insert tokens in the report filter e.g. [UserId], etc.

- o Added the ability to rename the browser tab title including support for tokens to allow dynamic text
- o Bug fix for trailing slashes missing in entered report server URLs
- o Removed assorted deprecated features and fixes where applicable

Version 10.00.00 (09-Jun-2018)
- o Adding support for DNN /Evoq 9.X
- o Upgraded report viewer 2016 control
- o Allow setting the export file name regardless of auto export or not
- o Added ability to disable parameter passing via the querystring

Version 09.00.00
- o Allow dnndev and localhost unlimited usage
- o Updated to the 2015 Report Viewer control
- o Added support for DNN Evoq and 8.X platform
- o Added ability to specify export file name
- o Fixed IE11 compatibility issues
- o Fixed parameter passing issues

Version 08.00.00
- o Added SQL Server Reporting Services 2014 support
- o Allow dnndev and localhost unlimited usage
- o Offline trial activations now possible
- o Split module settings to be its own control
- o Bug fix for uninstallation of the module all sprocs now removed
- o Assorted visual enhancements and tweaks

Version 07.01.00
- o Added DNN Role based security for Reports and Folders
- o Added option for opening reports in the same or new popup window
- o Fixed bug with size to report content not working properly

Version 07.00.00
- o Added support for sites hosted on Azure
- o Added support for Azure SQL Reporting report server connections

Version 06.01.00
- o Simplified installation procedure by registering the ReportViewer handler in the web.config as part of the install
- o Chrome calendar control fixed for reports with datetime parameters
- o DNN 7 styling conflicts corrected in CSS
- o Report Viewer control updated to the latest release
- o Removed module settings link which was producing errors when clicking with non-friendly URLs
- o Fixed issue with report not rendering with reports containing checkboxes or radio butons
- o Rewrite of the module to leverage the DNN 6.0 architecture, renamed from RS2005 to SSRS for the DekstopModules directory, the controls and the SQL Objects

Version 06.00.00
- o Added support for report viewer 11.0, AJAX enabled report viewer
- o Integration with MyTokens, fully supports any token supported by MyTokens from DNNSharp.com
- o Added quick links to server administration and module settings when in edit mode

- o Added calendar parameter support in Google Chrome to get around limitations of control when using Chrome
- o Localized the calendar control used for date time parameters on the parameter bar

Version 05.01.00
- o Added setting for configuring the async postback timeout value
- o Added setting size to report content
- o Added session tokens to module settings parameter options
- o Added server administration link when in edit mode
- o Branching builds to support using the older version of the control (this is required for SSRS 2005 support)

Version 05.00.00
- o Updated to a new AJAX enabled version of the report viewer control. Please note this requires .NET 3.5 be installed on the web server and the System.Web.Extensions referenced in the web.config be version 3.5.0.0.
- o Added ability to display report in a new window.
- o Tweaked formatting issues with the settings and server administration screens.

Version 04.04.00
- o Deprecated support for SQL Reporting Services 2000. Please note, for existing users of the module, if you are running prior versions of the module and using SQL Reporting Services 2000, do not upgrade to this version or future versions of the SQL Reporting Services Module.
- o Added ability to customize the parameter bar.
- o Added ability to customize the document map.
- o Added support for implicit parameter passing for tab attributes tabid, tabname, tabtitle and tabdescription. These are automatically passed to a report if a matching parameter is found in the report.
- o Added ability to export to selected format automatically so reports are rendered to chosen format. This can be done in the module settings as well as via the querystring by passing a parameter ExportFormat and passing the format type.
- o Fixed bug when allowing user to select report and a post back happened from another module, the report list disappeared.
- o Totally revamped the module documentation.

Version 04.03.00
- o Added support for passing parameters from the DNN user profile. This requires DNN 4.3 or higher. Parameters in the report that match a profile property name will be passed implicitly for the logged in user. You can also specify in the module settings a named parameter and associate it with a profile property name by enclosing the profile property name in brackets (e.g. for a profile property name of "test" the parameter value would be set to [test] which would be replaced with the actual value of that profile property of the logged in user for the parameter named. Please note that parameters are case sensitive so the case of the parameter in the report must match the case of the property name in the profile exactly.

Version 04.02.00
- o Added support for the Iportable interface allowing import and export. Please note, if you have installed previous versions of this module and you wish to leverage the export feature, you must go into each instance of the module you wish to export and click update settings at least 1 time before an export occurs for that instance of the module. This is only required if you have installed versions prior to 4.02.

- o Encrypted password for server. Passwords for the reporting server used to be stored in plain text, this is now encrypted in the database and when using the Iportable interface. Please note, for existing users of the module, when you upgrade to 4.02, you will need to go into the server administration screen and re-enter the password for your reporting servers, this will update the server to use the encrypted password. All other settings will be preserved.

Version 04.01.00
- o Added support for report list filtering via regular expressions

Version 04.00.00
- o Added support for SQL Reporting Services 2008 (Note Change in HTTPHandler needed in web.config)
- o Added setting to hide report title

Version 03.00.00
- o Added reporting services browser navigation method for traversing the folders and reports within the report server
- o Added ability to pass report name and / or folder from the querystring

Version 02.02.00
- o Added the ability to set parameter values in the module settings

Version 02.01.00
- o Certified to run on SQL 2005 Service Pack 2
- o Clear querystring parameters and maximize parameter bar on report change now implicit
- o Pass UserID and PortalID via querystring option

Version 02.00.00
- o Added support for more than one report server
- o Added PortalAdmin hidden report parameter that can be passed to reports based on the active UserID role (either admin or super)
- o Updated to latest report viewer control

Version 01.05.00
- o Added the test button the settings page
- o Fixed web service bug with SQL reporting services 2000 when a fully qualified URL was used to the service
- o Removed border line when the parameter bar is suppressed

Version 01.04.00
- o Added the support for virtual portals by adding PortalID so report server values are not shared among portals
- o Added EULA
- o Documentation updates for un-installation

Version 01.03.00
- o Added the ability to suppress the parameter bar via the querystring ParameterBar set to true or false.
- o Supports SQL server session state
- o Updated documentation to include query string information

Version 01.02.00
- o Added UserID and PortalID hidden report parameters that can be passed to reports based on the active UserID and PortalID assuming these are parameters of a report

       o   Added ability to pass parameters to a report via the URL

Version 01.01.00
       o   Added the backwards compatibility for SQL 2000 Reporting Services

Version 01.00.00
       o   Initial release

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Installation

Installation

The module uses the same standard DNN module installation process in addition to an extra step which requires editing the web.config to add a handler.

Important: Starting with Version 6.X of the Module, the minimum supported version of Reporting Services is 2008. If you are still running SSRS 2005, you will need to get the SQL Reporting Services Module 5.1 version. That is the last version that supported it. You can find this download here.

Important: If you are upgrading, if your upgrade spans major versions of the module (e.g. upgrading from 5.X to 6.X of the module), you will have to reset each of your report server passwords from the server administration screen since the encryption key changes between major versions. This does not happen with minor upgrades (e.g. 4.3 to 4.4).

Module Version History Requirements

Module Version	Report Viewer Version	Reporting Services Versions Supported	DNN Versions Supported	Minimum DotNet Version Supported
5.0 (download) & 5.1 (download)	Report Viewer 9	2005, 2008, 2008 R2	4.0.3 - 6.X	2.0
5.1 (download)	Report Viewer 10	2008, 2008 R2	4.9.5 - 6.X	3.5
6.0 (download)	Report Viewer 11	2008, 2008 R2, 2012	5.1.0 - 6.X	3.5
6.1 (download)	Report Viewer 11	2008, 2008 R2, 2012	5.1.0 - 7.X	3.5

7.0 ([download](#))	Report Viewer 11	2008, 2008 R2, 2012, Azure SQL Reporting	5.1.0 - 7.X	3.5
7.1 ([download](#))	Report Viewer 11	2008, 2008 R2, 2012, Azure SQL Reporting	5.1.0 - 7.X	3.5
8.0 ([download](#))	Report Viewer 11	2008, 2008 R2, 2012, 2014, Azure SQL Reporting	5.1.0 - 7.X	3.5
9.0 ([download](#))	Report Viewer 12	2008, 2008 R2, 2012, 2014, Azure SQL Reporting	6.0.0 - 8.X	3.5
10.0 ([download](#))	Report Viewer 14	2008, 2008 R2, 2012, 2014, 2016, Azure SQL Reporting	6.0.0 - 9.X	4.0
11.0 ([download](#))	Report Viewer 15	2008, 2008 R2, 2012, 2014, 2016, 2017	6.0.0 - 9.X	4.0
12.0 ([download](#))	Report Viewer 150.1440.0	2008, 2008 R2, 2012, 2014, 2016, 2017, 2019	6.2.9 - 9.X	4.6
13.0 ([download](#))	Report Viewer 15.0.1652.0	2008, 2008 R2, 2012, 2014, 2016, 2017, 2019, 2022	9.X - 10.X	4.8

Note: Reporting Services Module Versions below 5.0 are no longer supported.
Note: jQuery 1.4 is the minimum version supported.

Installation Steps

The upgrade and new installation procedures are the same. The only exception is when you upgrade from one major version to another (e.g. upgrading from module version 5.X to 6.X). Please note because the encryption key changes between major versions (e.g. upgrading from module version 5.X to 6.X), you'll need to retype your passwords for your report servers that are setup since the encryption will be different. You will need to go to server administration window and for each of your registered report servers you will need to retype the password for the report server and save the changes. Minor releases maintain the same encryption key so is not necessary for upgrades within the same major version (e.g. from 5.0 to 5.1).

The following are the general steps for installing the module.

1. Download the package zip file from the Module Masters website.

2. Log into your DNN instance as host and browse to module definitions from the host menu.

3. Choose to install module and browse to the file you downloaded. Proceed through the options.

4. There should be no errors during the install. If you have any errors, please record the installation log and email it to service@modulemasters.com.

5. Post installation, create a new page on the site and insert an instance of the "Reporting Services" module. If all is correct, you should not see an error message and should see activation. You can activate a 30 day trial or enter a key which was emailed to you and then proceed with registering a server. If you see an error message, please verify the handler has been registered properly, this is typically where most people make a mistake.

IIS 7 Troubleshooting

If you are using IIS 7, there are some other considerations. If you experience a "404 – File or Directory not found error" message when viewing reports within the module even though everything seems to be communicating properly then you can follow these steps:

1. Open the IIS by typing the "inetmgr" in run command.

2. Go to your site in the list of web sites and select it.

3. Now, see the Features view area. Here, you can see all options available for the web site. From all the options select "Handler Mappings".

4. Now, click on the "Handler Mappings" section then you will see all the mappings applied for that web site. Now, on the right side panel, you are able to see all the options available for the handler mappings. Select the option "Add Managed Handler"

5. When you click that link, you will see a popup window with the text boxes.
   Request Path = **Reserved.ReportViewerWebControl.axd**,
   Type
   = **Microsoft.Reporting.WebForms.HttpHandler, Microsoft.ReportViewer.WebForms, Version=15.0.0.0, Culture=neutral,PublicKeyToken=**89845dcd8080cc91
   Name= **Reserved.ReportViewerWebControl.axd**

6. Click OK and do IISRESET.

One other consideration, if you are using II7 in Integrated mode, you must remove the HTTP handler in system.web/httpHandlers. Otherwise, IIS will not run the application, but will display an error message instead.

DotNetNuke 6.X & 7.X Notes

Please note that in DNN 6.X, after doing an install and activation, it will be necessary to "restart application" from the host menu. This will remove the activation notice at the bottom of the module.

Uninstalling

To uninstall, simply login as host and go to the "Module Definitions" section. You will then choose to uninstall it. Please note that when you uninstall, all of your settings will be deleted.

Troubleshooting

If you have issues that signal an issue with the database, confirm that you have the proper SiteSqlServer connection string setup in the web.config <appsettings> section.

If for some reason the web handler for the report viewer control was not added properly, you may see a message like the following, if so, please contact us so we can review why this happens. As of module version 6.1, users are no longer required to add these handler lines to the web.config.

You can also checkout the known issues section for some of the issues that have been noted previously.

Activation

Activation

To activate the module after installation, simply insert an instance of the module onto a page and you will be presented with the activation options. Activation is done based on the DNN instance (e.g. database).

You can activate a trial by entering your email address, no key is required and the trial will last for 30 days. If you need more time evaluating, just send us an email and let us know.

If you have issues activating the module, be sure you have an active connection (no proxies) to the internet from your DNN web server. If your web server is not accessible to the internet, you will need to do a manual activation. In order to do this, you need to execute the following query and send email the results of this query along with your activation key to service@modulemasters.com.

You will sign into your DNN install, go to host -> SQL and then execute the following:

```
select
  b.PortalID,
  c.settingname,
  c.settingvalue,
  b.moduleid,
  a.FriendlyName
from
  {databaseOwner}{objectQualifier}ModuleDefinitions a left outer join
  {databaseOwner}{objectQualifier}Modules b on a.ModuleDefID = b.ModuleDefID
left outer join
  {databaseOwner}{objectQualifier}ModuleSettings c on  b.ModuleID = c.ModuleID
where
  a.FriendlyName in ('RS2005','Site Settings','Vendors','Tabs','User
Accounts')
```

Once we receive your activation request, we will email you back another statement to execute which will manually activate your module. This will also work for trials and trial extensions.

Development Environments

Please note that you are not required to activate in the event you use a development server with one of the following addresses:

- o   dnndev.me
- o   localhost
- o   lvh.me

Configuration

Server Administration

Server Administration

After you have installed the module and activated, you will need to configure at least one reporting server. The server administration is accessible from the container drop down action menu. *Note: You must be in edit mode in order to see this menu.*

SQL Reporting Services

This module needs configured, please go to the settings. If you have not registered a report server yet, please go to server administration to do so.
Server Administration

The server administration screen is very simple. Here you enter the web service URL to your report server (you do not need to include the reportservice.asmx or reportservice2005.asmx at the end of the url). You then choose your version SQL Server, set the username, password and domain and click the plus icon. The domain will be the windows domain. You may also l eave the domain name blank usually but if you know it, feel free to enter it.

At this time, forms authentication is not setup. You must use a user who has access to the report service URL, usually a content manager account. Once you have added your server, you can test it by clicking the test icon next to the edit pencil.

Server Administration
Here you can register one or more servers that will be accessible to instances of the reporting services modules.

Report Server URL:	Server Version:	Username:	Password:	Domain Name:	
http://server/reportserver	Reporting Services 2008	user	....	windowsdomainname	

Back

Security is maintained by DNN permissions that you setup on the module. The account that is entered in the server administration is used to interact with the reporting services web service to display reports. You can restrict within DNN which user has access to the various instances of the modules you create.

The servers that are setup here are available throughout the portal. You can setup more than one report server so you can display reports throughout your site from different SQL Reporting Services instances.

Troubleshooting

Most of the issues here are a result of entering the wrong URL for the report server or domain name. The report server URL is not the same as the report manager URL. Most times the report server URL will have the word "reportserver" contained within it. The domain name is the windows domain name or the machine name in the event that the reporting server is not on a domain.

Other issues result from security where the web server cannot reach the report server for some reason or the user account supplied does not have access to the report server. You can test this by opening internet explorer on **the web server** and browsing to the WSDL page (e.g. http://yourserver.com/reportserver/reportservice.asmx?WSDL for SQL 2005/2008 and http://yourserver.com/reportserver/reportservice2005.asmx?WSDL for 2008R2 forward). You should see an XML document when you do this. You may also be prompted for credentials which you would enter the same username / password you are trying to configure with the module.

Module Settings

Module Settings

Once you have registered one or more report servers, you now need to configure an instance of the module by going to the Module Settings link at the bottom of the module. You do this by being in edit mode on the page you have placed an instance of the module and clicking the Module Settings option from the module drop down action menu or from the quick link at the bottom of the module.

You will then expand the Reporting Services Settings section to configure this particular instance.

Report Server - You must choose which report server to connect to. The servers are setup from the Server Administration screen.

Report Folder - Here you specify the folder you want to see the reports within. This information is fed from the report server.

Allow user to select report - If you check this, the option to select a specific report will be disabled and users will receive either a drop down box or table view to select a report from when viewing the module. If this option is not checked, underneath the Report Folder will be the option to select a specific report within that folder to be displayed.

Display Report Table Navigation - This option is only displayed if the "Allow user to select report" option is checked. If you check this, a table will be displayed rather than a combobox allowing users to select a report from the selected folder structure selected.

Display Folder Name - A link is displayed at the top of the report table navigation that shows the report folder you are in, you have the option of turning this feature off.

Display Report Name - The name of the report that is selected can be displayed at the top of the report or it can be turned off.

Auto Export Report - This option allows you to automatically export a report to a specified format. In order for this to work, all the available parameters for the report must be supplied via report defaults, the parameters section within the module settings or via the URL. It is also important to note that if you set the module up to render a specified report, a warning message will be displayed indicating that the page with the module will no longer be displayed. Now when you browse to this page, the save report dialog will be displayed rather than the page itself. In essence, the page becomes a download link for the chosen report. The only way to get back to that page and view the report and to get to the settings is to add to the page a querystring parameter of NoExport=true (e.g. http://yourserver.com/page/tabid/53/Default.aspx?NoExport=true or http://yourserver.com/Default.aspx?TabID=53&NoExport=true). It is also important to note that if you are using SQL Server Express, the Express edition of reporting services only supports PDF, Word and Excel exporting.

Export File Name - The string entered here will be used as the file name when the report is exported. This string can contain tokens or literal text. The same tokens that are available to be passed in as report parameter values can be used here. Please see the Tokens discussion for more explanation on token usage. The default is [ReportName] which will be the actual name of the report (RDL).

Open Report in New Window - Checking this option will make visible additional settings for determining how the new browser window will be opened. Please note that popup blockers may cause issues with this for end users. It should also be noted that different browsers behave differently with the new window options that are chosen. You also need to take into consideration that since this will be popping a new window, any pop up blockers installed may interfere with the popping of the report in a new window.

The following screen shows the options that are available for opening a report in a new window.

Width - The width in pixels of the new window.

Height - The height in pixels of the new window.

Top - The distance in pixels from the top of the screen that the new window will display at.

Left - The distance in pixels from the left of the screen that the new window will display at.

Display Location Bar - If this is checked, the new window will display the http location bar.

Display Status Bar - If this is checked, the new window will display the status bar at the bottom of the new window.

Display Menu Bar - If this is checked, the new window will display the browser menu bar.

Display Scrollbars - If this is checked, the scrollbars will be visible when scrolling is required in the new window.

Window Resizable - If this is checked, the window will be able to be resizable by the user.

Display Toolbar - If this is checked, the browser command bar, making buttons such as the navigation buttons at the top.

Reuse Same Popup Window - If this is checked, the same window will be used for the pop up window. If it is unchecked, a new window will be opened for each report that is clicked.

Show report back button - This shows the back button within the report that is displayed which supports report navigation.

Show export options - Reports can be exported to Excel, PDF and other formats, this shows the control which enables reports to be exported.

Show find control - You can search for text within a report that is run, this shows the find control that enables this ability.

Show report page navigation bar - Reports may contain several pages, this will show the navigation bar that allows you to navigate between pages.

Show report print button - Reports can be printed using a special print control, this will show this control.

Show report refresh button - Reports can be refreshed from within the module itself, this enables the refresh button to appear within the report module.

Show report zoom controls - You can zoom from within the report module itself.

Parameter Prompt Area Collapsed - If this is checked and your report has parameters, the parameter input area will be collapsed. There is a parameter expand button that can be clicked to make it visible so users can alter the parameter values.

Size to Report Content - When checked, the control will grow to fit the report contents. This behaves differently in different browsers so use with caution. It is possible that the report content expand beyond the container and skin elements within DNN. You need to use a combination of interactive height / width in the RDL for the report definition to define page sizes and take into consideration the module settings for zoom type when turning this feature on.

Show Document Map Button - For reports which have navigation defined, a document map can be displayed. This button allows toggling it to be displayed or hidden. You can choose to hide this button.

Document Map Collapsed - The document map can be collapsed by default by checking this.

Document Map Width - The document map default width can be set by entering a pixel value or a percentage.

Force Module Report Permissions - If checked, this will leverage the DNN fole

permissions defined from the report permissions screen if the allow user to select report option is checked. If this is checked, no reports or folders will display unless permissions have been explicitly granted in the report permissions settings.

Async Postback Timeout - This setting determines how long in seconds the browser will wait for a report to run. The default value for this is 90 seconds. If a report runs longer than the time specified time, a javascript timeout error message will be thrown. Note: If users have javascript errors disabled, they may not see the timeout message.

Report Name Filter - This option is only displayed if the "Allow user to select report" option is checked. Here you can specify a filter for inclusion or exclusion to filter reports based on the report name. This allows you to hide or display a subset of reports from the reporting server directory based on the powerful regex syntax. Starting in version 11 of the module, you can now also enter one or more tokens that will be replaced at runtime (e.g. [UserId], [PortalId], etc.) For more information regarding this option, please see the Tokens discussion.

Page Title Override - This option will allow you to override the title that is displayed on the browser tab. Normally this value would be the page title set within DNN but you can override it here. You can also enter one or more tokens that will be replaced at runtime (e.g. [UserId], [PortalId], etc.) For more information regarding this option, please see the Tokens discussion.

Report width - You can specify how wide you want the module to be. You can specify the number of pixels or use a percentage.

Report height - The height in pixels of the report module.

Zoom mode - You can set the default zoom level of the module. The options or PageWidth, FullPage or a Percent. If you specify PageWidth, the report is zoomed to the width of the reports outer edge. If you specify full page, it will zoom to show the entire page 1 of the report. If you specify a Percent, you must set a percentage to set the zoom level to (e.g. 75).

Allow Pass UserId and PortalId via URL querystring - Specifies that the parameter for PortalID and UserID may be passed in as a querystring parameter for reports. This will override the logged in user with the values that are passed. This feature is turned off by default for security reasons.

Disable passing paramter values via URL querystring - If checked, the ability to pass any report parameters via the URL querystring will be disallowed. This setting overrides the setting to allow passing the UserId and PortalId via the querystring (i.e. if you have this checked and checked to allow passing UserId and PortalId via the querystring, it will not work).

Parameters - Allows setting parameters and values for those parameters at a module level. The parameters and values specified here will be matched to any report displayed within the module and the value will be substituted if a parameter name is matched to a parameter specified in the module settings. Parameters are case sensitive so the case of the parameter name must match what is specified in the report definition. You can specify literal values or leverage user profile tokens including custom profile tokens. Please see the Tokens discusison for more information regarding the use of tokens.

Report Permissions

Report Permissions

Once you have registered one or more report servers, you can then configure report and folder level permissions. You do this by being in edit mode on the page you have placed an instance of the module and clicking the "Report Permissions" link from the module drop down action menu.

Report permissions allow you to configure which DNN roles have access to view certain reports and folders within the report server. The report permissions will only be applied when the module is setup to "Allow User to Select Report" as shown in the following screenshot from the Module Settings:

When clicking the "Report Permissions" link from the actions menu or from the bottom left of the module window in Edit Mode, you'll be taken to the following screen where you can select the report server and which folder to apply permissions on.

Clicking the "Edit Permissions" link button will open the following window where individual permissions can be granted to a DNN Role as shown below.

As soon as an item has been setup with permissions, the permissions will be applied when the list of reports is displayed to the user. If permissions are not defined on an item, by default, it will be visible to all who have been granted view access on the module itself.

Another important thing to note is that permissions that are applied to a folder does not propagate down to all objects within that folder, instead if a folder is setup to restrict access, the folder will be hidden from the navigation so users will not be able to navigate to the folder.

Parameters

Parameters

Reports that have one or more parameters and do not have default values specified in the report can be populated at runtime through the module in a number of ways.

1. **Implicitly** - By default, when the module is rendering a report, it will analyze the parameters in the report. If it finds any parameters with the following names, the values of the current portal and logged in user will be passed through to the report automatically:
    - UserID
    - UserName
    - PortalID
    - PortalAdmin
    - TabID
    - TabName
    - TabTitle
    - TabDescription

2. **In the module settings parameters section** - You can specify in the module settings literal values for parameters and also use profile token values as well as session variables. Please refer to the Module Settings parameters section where this is discussed in more detail. Starting with version 6.X of the module, you can also use any token created with the DNN Sharp MyTokens module. Please see http://dnnsharp.com for more information.

3. **Via the query string** - Passing values via the query string can be done so that parameter values are set from the URL. This allows interaction with other modules and pages throughout your site for more custom integrations. See below for more information about the options you have interacting with the module via the query string.

4. **By the user** - If none of the above methods apply or are used, the parameter area can be displayed allowing users to enter their own values for these parameters via the parameter bar which is displayed within the module at runtime.

Passing Values via Querystring

The module supports passing named parameters via the URL. You can pass named parameters in addition to the support for parameters which are normally implicitly passed for PortalID, UserID and PortalAdmin Boolean of the logged in user. You can only pass these implicit parameter values if the option "Allow Pass UserID and PortalID via URL" is set in the module settings.

Please note, Parameters are case sensitive so it is important when using constant parameters, these need to be in this exact case.

If the report has parameters you can suppress the parameter bar by passing the querystring parameter named ParameterBar with a value of "false" or "true." If you set its value to true, the parameter bar will be visible, if you set it to false, the parameter bar will not be visible. **Note: If you set it to false, you must provide the values in the query string for all other parameters or you will get an error that parameter values are missing.

An example query string passing values to a report with two parameters named Parameter1 and Parameter2 and hiding the parameter bar is shown below:

http://server/dnn/page/tabid/54/Default.aspx?
Parameter1=11/14/2006&Parameter2=11/20/2006&ParameterBar=False

Passing Report or Folder via Querystring

Starting in version 3.0 of the module, the ability to pass a specific report or folder directly to the module was added for SQL Reporting Services 2005 on. This allows the ability to specify which report to run or which directory to display reports from. The setting to "allow user to select report" must be specified if a folder is to be passed to the module.

To pass the report name or folder, you simply pass a parameter called ItemPath and EnumType. The ItemPath is the path to the item, e.g. ("/Repository Folder/Report Name" or "/Repository Folder"). The EnumType specifies whether it is a folder or a report by accepting corresponding values for "Folder" or "Report". An example of running a report from the querystring would be:

http://server/dnn/page/tabid/54/Default.aspx?ItemPath=/Repository
Folder/ReportName&EnumType=Report

Auto Exporting a Report via Querystring

Starting in version 4.4 of the module, it is possible to auto export a report. This can be done via the module settings, or it can be done via the URL. To export a report from the URL, a querystring parameter called ExportFormat is added to the URL and the desired type is specified. The available formats are PDF, EXCEL, HTML4.0, WORD, MHTML, IMAGE (which is PNG). An example URL would be:

http://server/dnn/page/tabid/54/Default.aspx?ItemPath=/Repository
Folder/ReportName&EnumType=Report&ExportFormat=PDF

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Known Issues

Known Issues

The Reporting Services module leverages a control that is distributed with reporting services which we do not control all aspects of. As new releases of it become available we update our product to include it. It gets better with each release, but there are a few known issues.

- o There is an issue with later versions of DNN where if you are in edit mode for the page and try to render a report, the report will not render. This does not impact the standard view mode which most users see, it is just for page editors who are editing a page, there will be an error in the console that will say *"Error : Sys.WebForms.PageRequestManagerServerErrorException: SetPartialRenderingMode can only be called once."* Simply exit edit mode for the page and reports will render as they should.

- o Starting in DNN 6, a bug was introduced with the Telerik.Web.UI control which

adds a class of aspNetDisabled to the parameters and some of the toolbar controls within the report viewer. This makes some of the controls look disabled but they are not. We have logged the bug with Telerik. In the meantime, you can override this formatting by placing the following line in your portal.css file:

.aspNetDisabled, a.aspNetDisabled {color:black;cursor:auto;text-decoration:none;}

o If you allow the user to select a report and you have more than one instance of the module on a page, all instances on that page will receive the report the user selects, this is because the selection is controlled via the URL. The module does not support more than one instance on a tab when one of the instances allows the user to select a report.

o If you pass a report to be executed via the querystring to a tab, all instances of the module will receive the request. It is advised if you want to pass the report to be executed via the querystring that you do this for tabs which only contain a single instance of the module.

o If you have the module configured to open in a new pop up window, pop up blockers may interfere with the popping of the window. It is also important to note that different browsers may behave differently with the new window settings.

o If you use the setting "size to report content" to true (i.e. checked), different browsers will handle this option in a different fashion and the report may exceed the borders of the container and skin of the site. You can experiment with the different interactive properties and defining the module height, width and zoom mode to help with formatting the viewing of reports in a manner that works with your site. We ask before contacting us with report rendering issues that you also test with the default DNN skins and containers on a page with no other modules installed so that you can rule out any HTML / CSS interference.

Localization & Styling

Localization

Localization for many of the report control labels and help is localizable via the DesktopModules\SSRS\App_LocalResources files.

Styling

The module contains a module.css that lists the CSS elements that can be overridden to format the table that is displayed listing the reports (e.g. as shown below):

Item	Description
ReportServerInfo	
SharedDatasetCascade	

The classes can be overridden in the site CSS or within the module.CSS but it is recommended to override them in the site CSS. You can see the available classes to override in the DesktopModules\SSRS\module.css file.

Tokens

Tokens

The module is setup to allow some interactions with user supplied tokens. When a token is entered, the value of the token will be substituted in place of the token. Tokens are surrounded by brackets in literal text and their usage based on the type is denoted in the following table.

Token Types	Token Tag	Notes
Implicit Tokens	[UserId] [UserName] [PortalId] [TabId] [TabName] [TabTitle] [TabDescription] [ReportName]	These are literal tokens that are substituted with their related values at runtime. For example the [UserName] would be replaced with the logged in users name at runtime wherever this token is used.
User Profile Tokens	[ProfileProperty]	The user profile has many properties and you can even add more. You can substitute the value of the property in place of the ProfileProperty text between brackets.
Session Tokens	[[SessionToken]]	Session tokens require double brackets. The SessionToken text would be the name of your session variable.
DNN Sharp My Tokens	[Token:Tag]	Starting with version 6.X of the module, you can also use any token created with the DNN Sharp MyTokens module. Please see http://dnnsharp.com for more information. The Token:Tag would be replaced with the My Token you have setup in the DNN Sharp module.

More Help

More Help

If you get stuck on something or are not sure, you can always contact us via email for help. We typically respond same day.

If your organization requires phone support or additional support and maintenance we can setup a support plan for you which includes maintenance and software assurance and escalated response times.

We sometimes offer source versions for the current release, please contact us if you are interested in a quote for this. We also entertain adding features by request so don't hesitate to let us know if you have an idea you'd like to see added to the module.

Sincerely,