



# DNN psPageCache

User Guide

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## Introduction

Easy to install and setup, psPageCache utilises and enhances the powerful in-built DNN page caching features to turbo charge your DNN website.

Enabling you to choose between file and memory based caching on a 'per page' basis, means you can specify which parts of your website need a super boost.

## Features

- Easy to install, **psPageCache** simply plugs into **DNN** versions 6 & 7
- psPageCache comes with a Page Settings interface and an easy to use admin module, enabling the management of page cache settings
- Both file cache and memory cache options are available for more flexibility
- Options to specify **querystring** parameters to enable page caching based on querystring differences
- 12 months of free updates
- Azure compatible

## System Requirements

DNN psPageCache is compatible with DNN v6.x and v7.x. It requires SQL 2005 and upwards including SQL Azure.

## Installation

Install the DNN psPageCache module as a normal DNN module. Step by step instructions are shown below.

1. Login in as Host.
2. Go to Host->Extensions
3. Select "Install New Module" from the actions drop down menu.
4. Select the install file and click "Install New Module".
5. Please follow the installation wizard. If you encounter any errors with the install, please contact technical support supplying the DNN version, SQL version and the error text from the installation page, [support@puresystems.co.uk](mailto:support@puresystems.co.uk).

## How to use the module

Once you have successfully installed the module you will see the "psPageCache Admin" page listed under the "Admin" menu which should already contain the psPageCache module. You will also see the new module in the "Module" drop-down within the DNN control panel at the top of the page. The psPageCache module is listed as "psPageCache". You only need to add this once to the portal if the installer hasn't already set it up for you.

## Licensing

To be able to use the module you must either apply an Evaluation key or a Purchased key to unlock the module and make it work.

### ***Evaluation license:***

To retrieve a 30 day Evaluation license for the module, please register and login to our website:

<http://www.puresystems.co.uk/registration>

Once logged in, please go to:

<http://www.puresystems.co.uk/my-account/my-new-module-licences>

From here you can create evaluation licenses. You will also need to add your domain to the licence and update it so that it will run on your evaluation environment.

You will receive an email containing your Serial number. To apply the serial, go to the module settings for the module and enter the serial within the “Serial” field and click the “Validate Serial” button retrieve the license details. Click Update to save the settings.

### ***Purchase a license:***

To purchase a license, please follow this link to the DNN Store and purchase the module:

<http://store.dnnsoftware.com/home/product-details/page-cache-dnn-module-pspagecache/r/c21c511a4de2468cb833>

You will receive an email containing your Serial number. To apply the serial, go to the module settings for the module and enter the serial within the “Serial” field and click the “Validate Serial” button retrieve the license details. Click Update to save the settings.

### ***Reassigning or moving the module to a new domain***

If you wish to move the licence to a new website then follow these instructions:

1. Login to our website at <http://www.puresystems.co.uk/login>
2. Go to “My New Module Licences” page, <http://www.puresystems.co.uk/my-account/my-new-module-licences>
3. Edit your licence in the list by clicking the Edit button
4. In the Domains list below the licence details, delete the old domain and add a new one
5. Click the “Update Licence” button to save your changes
6. Go back to your module within your website and enter the Module Settings
7. Click the “Validate Serial” button which will refresh the licence changes

## Quick setup instructions

Please follow the steps below to successfully setup the module

1. On the “psPageCache Admin” page, select a page which you wish to change caching properties for
2. From the “Page Output Cache Provider” drop-down, select either “psPageCacheFileProvider” or “psPageCacheMemoryProvider”

**Help:** If your website has enough RAM (memory) then it’s best to choose ‘psPageCacheMemoryProvider’ as this is the quickest medium to retrieve data from. If you are on shared hosting with limited resources then you should choose ‘psPageCacheFileProvider’. This provider is still much quicker than having the page built each time so you may not notice much difference between the two.

3. Enter the duration the page should remained cached for, in seconds

**Help:** This depends on how often the content on the page will change. If it’s changing regularly then you might set this to an hour or less. If it doesn’t change much from day to day, then 24 hours would be fine (86400).

4. If the page is used to load dynamic content based on querystring values, then select “Exclude” from the “Include/Exclude Params by Default” radio buttons and enter a comma separated list of all querystring keys used on this page.

**Help:** These options are used for pages which load dynamic content using the URL querystring. For instance, on our Blog page we have a module which loads the list of blog entries:

<http://www.puresystems.co.uk/blog>

When we click a blog link to view the entry the URL changes to this, but it remains on the same physical DNN page:

<http://www.puresystems.co.uk/blog/entryid/7/make-dnn-faster-using-page-caching>

So the issue is, DNN will only make one cached version of the physical blog page so clicking the links to view the entries would just come back with the first URL. So to make the cache module see these other “virtual” pages we need to tell it to look at the URL and if it contains any querystring keys then treat that as a different page, so for our blog module to work for the URL above we enter:

entryid,tag,year,month,authored

in the “Include Params in Cache Variation” field and leave the “Include/Exclude Params by Default” set to “Exclude”.

The Blog module uses other querystring keys to create other views so our list above contains all of these.

5. Click the “Update” button to save changes

## Support

If you require support for this module then please contact either by email directly: [support@puresystems.co.uk](mailto:support@puresystems.co.uk) or via the DotNetNuke Store helpdesk.

## Licences

### Single Domain Licence

This Licence permits the Licensee to install the Software on a Single DotNetNuke® Portal running off One domain/subdomain name combination without additional fees or licences. Each additional domain/sub-domain will require an additional licence.

### Five Domain Licence

This Licence permits the Licensee to install the Software on five DotNetNuke® Portals running off of up to Five domain/sub-domain name combinations without additional fees or licences. Each additional domain/sub-domain will require an additional licence.

## Module Version History

### Version 01.00.00

First release.