



# Save As PDF

# User Guide

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## Overview

### What is Save As PDF

Save As PDF (SAP) is a **DotNetNuke** (DNN) application designed to work in DotNetNuke websites ONLY. For further information about DotNetNuke, please visit [www.dotnetnuke.com](http://www.dotnetnuke.com).

### What can Save As PDF do?

SAP is used to convert a DotNetNuke page to Adobe PDF format, including texts, pictures and even flash contents.

## System requirements

SAP is designed to work in **ALL DNN 4.5.x and higher** websites, including but not restricted to 4.5.x, 4.6.x, 4.7.x, 4.8.x, 4.9.x, 5.0.x and 5.1.x.

Base on our experience, the file size of PDF will be much smaller if IE 8 is installed on your server, so install it if you have dedicated server. The file size is totally irrelevant with your client side browser.

If your website runs in Full Trust, you can skip this chapter because this product will definitely work.

If your website runs in Medium Trust, SAP doesn't have necessary permission to convert a DNN page to PDF format, however, as long as your firewall allows remote communication with bizmodules.net, SAP will connect to bizmodules.net by webservice and bizmodules.net will generate the PDF and send it back. Please note it may take a little longer in this case because the data transfer takes some time.

## Limitation

SAP don't use your session state when convert a page, so the content of the PDF behaves like it's visited by a anonymous user, so it's meaningless to use it on web pages that depends on current session info, for example, for example, in Ultra Video Gallery there is a UVG\_MyVidoes module which can be used to list videos of current logged in user, if you use SAP to convert it you will always get an empty list.

There is an exception, when you run SAP on local DotNetNuke websites, and you choose to remember your login when you login, SAP will use your session state and the contents in the PDF looks like exactly what it looks like in your browser.

## Installation

SAP is a standard DNN module, you can install it as any other DNN modules, no special step is required.

## Uninstallation

SAP use some common files as other bizmodules.net modules, such as Ultra Video Gallery, Ultra News Article, below is a complete list.

BizModules.License.dll

BizModules.HtmlToPdf.dll

wnvhtmlconvert.dll

Base on our experience, DNN won't delete these files when uninstall SAP, however, if DNN do delete them, you will definitely get a missing dll error in Ultra Video Gallery or Ultra News Article like this:



**Error: is currently unavailable.**

DotNetNuke.Services.Exceptions.ModuleLoadException: Could not load file or assembly 'BizModules.License, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null' or one of its dependencies. The system cannot find the file specified. ---> System.IO.FileNotFoundException: Could not load file or assembly 'BizModules.License, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null' or one of its dependencies. The system cannot find the file specified. File name: 'BizModules.License, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null'

If you encounter this kind of problem, just simply extract these files from SAP installation package (or from UVG, UNA, because they are common), and manually copy to your site /bin folder.

## Technical support

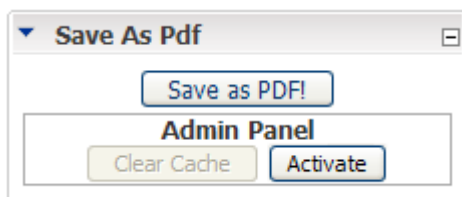
We offer long-term technical support to all licensed users.

You can reach the support forum at: <http://www.bizmodules.net/Forums/tabid/55/Default.aspx>, in the forum you can browse topics submitted by other users, or post a new topic if you find that your issue has not yet been discussed in the forum.

For brief questions about this product and for all other matters regarding Biz Modules, email: [service@bizmodules.net](mailto:service@bizmodules.net)

## Start use it

After installation, you will find "Save as PDF" in your module list, add it to a DNN page, it looks like this:



Click on "Save as PDF!" link, you will get the PDF version of current DNN page, the PDF will be cached in portal root/SaveAsPdf folder after generation, so SAP don't need to convert it again when you download for the 2<sup>nd</sup> time.

The Admin Panel in the bottom is visible for users who have Edit permission in this module only, the

Clear Cache button is used to clear all cached PDF files, it's disabled in this screenshot because the cache folder is empty.

If SAP is not activated on your website, copyright watermark will be placed on every pages of generated PDF, you can [purchase a license](#) and use the serial number you got to activate it. Remember to clear the cache after activation.

## Module configuration

You can find SaveAsPdf.xml in \DesktopModules\SaveAsPdf after installation, this xml file can be used to config this product, in the end of this file you can find this section:

```

35     <Property name="PdfCompression">
36         <value>True</value>
37     </Property>
38     <Property name="PdfLifecycle">
39         <value>30</value>
40     </Property>
41     <Property name="IgnoreCacheList">
42         <value>the url that requires UNA to generate the pdf everytime, use
         to represent all urls</value>
43         <value>another url...</value>
44     </Property>
45     <Property name="AllowedUrls">
46         <value>the allowed urls, use * to represent all urls, be aware the
         current website url is always allowed</value>
47     </Property>
48 </Config>

```

In default, SAP compress all generated PDF files to zip format before cache it, so when you click "Save as Pdf!" link you actually get a zip file.

You can change this behavior by setting PdfCompression to False in SaveAsPdf.xml.

In default, SAP cache every PDF files for 30 days, a PDF will be deleted and generated again if it's created more than 30 days ago, you can change this behavior by setting PdfLifecycle in SaveAsPdf.xml.

You may have some DNN pages which contains frequently updated contents, it's good that SAP generate the PDF everytime you choose to do it, to accomplish this, add the url of these pages to IgnoreCacheList section in SaveAsPdf.xml.

The AllowedUrls can be used to set allowed url to be converted, in default, this product only converts urls within your current DNN installation, if you want to convert any external urls, add the domain here, for example, if you want to convert pages on your another website: [www.myanothersite.com](http://www.myanothersite.com), you should add this entry in AllowedUrls section:

```
<value>http://www.myanothersite.com/</value>
```

## Apply to site skin

A DotNetNuke module can be set to display on all pages, when turn on this option you can see this module on almost every page on your website, I say "almost" because DNN won't show it when **ctl** parameter is passed in the querystring.

You can turn on this option for Save as PDF module.

You also can add the “Save as PDF” feature to your DNN skin, to do this, just simply add this piece of html code to your skin:

```
<script language="javascript">
document.write("<a href='<%=ResolveUrl("~")%>DesktopModules/SaveAsPDF/DownloadPdf.aspx?Url=" +
escape(document.location.href) + "' target='_blank'>Save as PDF!</a>");
</script>
```

## Convert a free URL to PDF

This module allows you to convert pages on current DotNetNuke website to PDF, but actually it can do more, you can use it to convert ANY internet URL to PDF.

In “System requirements” chapter we mentioned which websites can use this product, it’s not a good idea to offer the ability to convert any internet URL to PDF on websites that runs in medium trust, but if your website runs in full trust, you can offer this feature as you like.

To do this, you need to configure this product at first, in module configuration chapter we mentioned “AllowedUrls” section in SaveAsPDF.xml, you need to add \* to this section so it converts any URL.

Then add this piece of html code to anywhere, for example, a Text/Html module, or your skin:

```
URL:<input type="text" id="txtUrlToConvert" value="http://"> <a href="javascript:void(0)" onclick="var
txtUrlToConvert = document.getElementById('txtUrlToConvert'); if (txtUrlToConvert.value.length < 11) return;
document.location.href=' /DesktopModules/SaveAsPDF/DownloadPdf.aspx?Url=' + escape(txtUrlToConvert.value);
">Save as PDF!</a>
```

If your website doesn’t run under the root of your website, you need to add your site name before /DesktopModules, for example, if your portal alias is <http://localhost/dnn450>, you need to add /dnn450 before /DesktopModules.