



Drupal 7 Module for CopySafe PDF

About this Module and CopySafe PDF

This Drupal module enables websites using Drupal CMS to upload, display and manage pages and posts that display protected PDF documents created by the CopySafe PDF software.

CopySafe PDF software is a separate application to this Drupal module and a license is required to apply Domain Lock on protected PDF, so that they remain secure while displayed on your website. Otherwise, the demo version of the CopySafe PDF software will encrypt PDF without Domain Lock.

This Drupal module is provided as a free add-on.

Domain Lock

Using Domain Lock is strongly recommended as it prevents your protected PDF from being exploited. In a nutshell, Domain Lock prevents your encrypted PDF from being displayed on any other website, where protection levels can be varied to reduce protection and thus, enable copy and dissemination of your document. But when your protected PDF is Domain Locked to your website, it cannot be used or displayed anywhere else but from your web pages, where you have control over the protection settings.

So when you set a document to be protected from all copy, then it cannot be changed, and even if they manage to download and save your document, they will not be able to use it or even open it to view its contents.

To use Domain Lock, you first need a licensed version of the CopySafe PDF Protector software, the program that converts and encrypts your PDF documents, plus a license key for the website that you want to use.

Using CopySafe PDF in Drupal Web Pages

CMS solutions like Drupal, WordPress and others make it easy for non-technical people to create and manage sophisticated websites. But adding new functions requires complex programming that can be beyond most web designers. So a module like this one is provided as an add-on, so that new functions like the display of CopySafe PDF documents, is made as easy as point-and-click with a mouse, while editing new or existing web pages with Drupal page editor.

Installation

This module can be installed like most other Drupal modules by copying the files to modules folder and enabling the module from the site admin's Configuration page.

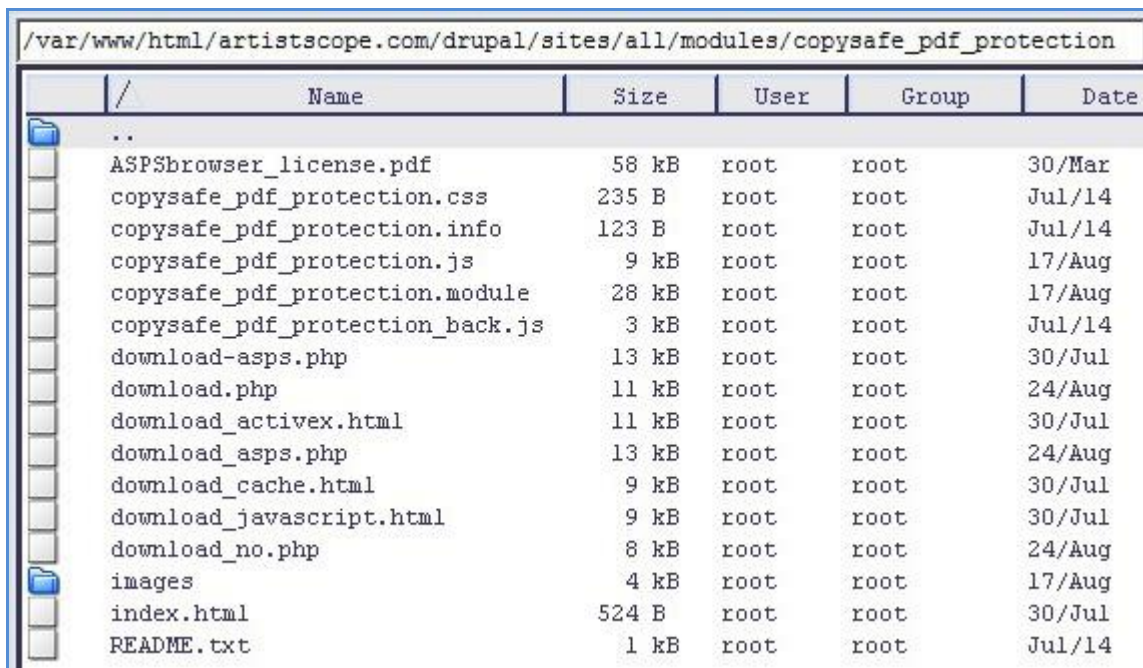
Installation of the CopySafe PDF module for Drupal

Requirements

This module requires **ctools**. To install the ctools module, see <http://drupal.org/project/ctools> for the download. Upload to **/sites/all/modules/ctools** and then refresh the plugins page to see the updated plugins list. Tick the second box to enable **Chaos Tools**.

Uploading

Unzip the download package to produce the **copysafe_pdf_protection.zip** archive and upload to **/sites/all/modules/copysafe_pdf_protection** as seen in the image below:



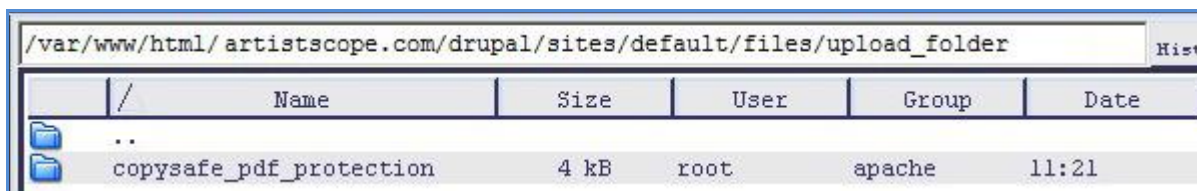
	Name	Size	User	Group	Date
..	ASPSbrowsers_license.pdf	58 kB	root	root	30/Mar
	copysafe_pdf_protection.css	235 B	root	root	Jul/14
	copysafe_pdf_protection.info	123 B	root	root	Jul/14
	copysafe_pdf_protection.js	9 kB	root	root	17/Aug
	copysafe_pdf_protection.module	28 kB	root	root	17/Aug
	copysafe_pdf_protection_back.js	3 kB	root	root	Jul/14
	download-asps.php	13 kB	root	root	30/Jul
	download.php	11 kB	root	root	24/Aug
	download_activex.html	11 kB	root	root	30/Jul
	download_asps.php	13 kB	root	root	24/Aug
	download_cache.html	9 kB	root	root	30/Jul
	download_javascript.html	9 kB	root	root	30/Jul
	download_no.php	8 kB	root	root	24/Aug
images		4 kB	root	root	17/Aug
	index.html	524 B	root	root	30/Jul
	README.txt	1 kB	root	root	Jul/14

Enable CopySafe PDF module at Administration » Modules:

Enabled	Name	Version	Description	Operations
<input checked="" type="checkbox"/>	CopySafe PDF		CopySafe PDF Requires: Chaos tools (enabled)	

Upload Folder

Check that the upload exists at **/sites/default/files/upload_folder/copysafe_pdf_protection/** and that it has write permissions for all users (apache).



	Name	Size	User	Group	Date
..					
	copysafe_pdf_protection	4 kB	root	apache	11:21

Configuration

Enable CopySafe PDF in Administration » Configuration » Content Authoring » Text Formats » Full HTML:

Home » Administration » Configuration » Content authoring




Text formats

Text formats define the HTML tags, code, and other formatting that can be used when entering text. **Improper text format configuration is a security risk.** Learn more on the [Filter module help page](#).

Text formats are presented on content editing pages in the order defined on this page. The first format available to a user will be selected by default.

[Add text format](#)

Show row weights

Name	Roles	Operations
 Full HTML	anonymous user, authenticated user	configure disable
 Filtered HTML	anonymous user, authenticated user	configure disable
 Plain text	All roles may use this format	configure

[Save changes](#)

Home » Administration » Configuration » Content authoring » Text formats

Full HTML

A text format contains filters that change the user input, for example stripping out malicious HTML or making URLs clickable. Filters are executed from top to bottom and the order is important, since one filter may prevent another filter from doing its job. For example, when URLs are converted into links before disallowed HTML tags are removed, all links may be removed. When this happens, the order of filters may need to be re-arranged.

Name *

Machine name: 2

Roles

☒ anonymous user

☒ authenticated user

Enabled filters

☐ Display any HTML as plain text

☐ Limit allowed HTML tags

☒ Convert URLs into links

☒ Convert line breaks into HTML (i.e.
 and <p>)

☒ CopySafe PDF

Enable copysafepdf tag replacement.

☒ Correct faulty and chopped off HTML

Settings

Add Upload Folder and other settings in Administration » Configuration » Media » CopySafe PDF » CopySafe PDF Settings:

CopySafe PDF Files

CopySafe PDF Settings

Upload Folder *
sites/default/files/

Maximum Upload Size
 KB

Mode

▼
Demo Mode

Language

▼
English

Page Color

Select Browsers

☐ Allow IE

☒ Allow Firefox

☐ Allow Chrome

☒ Allow ASPS

☐ Allow Opera

☐ Allow Safari

These settings are applied to all CopySafe PDF web pages.

Upload folder

If you are having problems uploading, check that the folder does exist and ensure that everyone has write permissions (apache).

Maximum Upload Size

This setting governs the maximum file size that can be uploaded.

Mode

You can set mode and change it at any time for debugging purposes:

1. Demo Mode - displays a placeholder image.
2. Licensed Mode - displays encrypted PDF created by CopySafe PDF software.
3. Debugging Mode - displays the html used in the object tag in a text area form object.

Language

The default language is English, but you can use this setting to change the language to be used on all pages. This language setting is only applied to the buttons and messages within the Reader window area.

Page Color

Use this setting to control which color is used in the unused area of the Reader window, ie: the area not used by the document pages. Do not include the usual # symbol commonly used in HTML colors.

Select Browsers

This selection enables site owners to control who can access their protected PDF pages. If a browser is not allowed, then site visitors using that web browser will be redirected to a page explaining that their browser has not been permitted by the site owner. Browser selection is commonly used in corporate intranets, where all users might be using Internet Explorer only.

CopySafe PDF Reader Installation

Viewing protected PDF displayed on a web page using a web browser requires a browser plugin. By installing the CopySafe PDF Reader will have both desktop and browsers reading support. When a visitor loads a CopySafe PDF page their browser is checked for the plugin and if not found, redirects to the appropriate download page with further instructions.

Customizing the Download Pages

The download pages can be customized for your site design. The download links point to an ArtistScope server. However you can provide the download file from your own site but be warned that by doing this your users may miss out on the latest version and security fixes when available.

Testing at Localhost

Included in the module package is an encrypted image created by CopySafe Web software that can be uploaded and used for testing at <http://localhost>

Licensing

This Drupal module is free. However, you will need a license to use the CopySafe PDF Protector and Domain Lock. See – http://www.artistscope.com/copysafe_pdf_protection_licensing.asp

Using the Drupal Module for CopySafe PDF

Add the code to display PDF at the current cursor position by clicking “Embed CopySafePDF”:

Home > CopySafe PDF Demo

Edit Page CopySafe PDF Demo View Edit Track

Title *

CopySafe PDF Demo

PDF Embed CopySafePDF

Body (Edit summary)

```
[copysafepdf name='Evaluation.class' bgwidth='800' bgheight='600' prints_allowed='0' print_anywhere='0' allow_capture='0' allow_remote='0' background='CCCCCC' ]
```

Text format Full HTML

[More information about text formats ?](#)

Note that you must be using “Full HTML” as seen above. The code that you see in the text area is what we call “shortcode” and it is used to store the settings that you nominate for this PDF display. When embedding PDF, you select these options from a web form. You can edit this shortcode at any time.

bgwidth is the width of the reader window in pixels and **bgheight** is the height in pixels.

prints_allowed set to 0 means that printing is not allowed. Otherwise, you can nominate a number of prints as a limit. However, this setting is only applied to the user’s current session and if more stringent control is required, then this number should be set to 1 and managed programmatically by recording the number of prints and then reducing the option to 0 when the allowance has been consumed.

print_anywhere is to be used with caution because enabling this option allows the user to print to any device, including printer-drivers that may be file converters, thus enabling a visitor to create an unprotected document from your protected document. It is not recommended to allow this option but it is available for web designers to programmatically enable printing to select members.

allow_capture means that if this option is enabled, then users can use Print Screen and screen capture software to copy your document’s contents. The default setting is 0 which also activates scripting to disable right-click mouse options and drag-drop of images to the desktop.

allow_remote can enable access from remote or virtual partitions, such as when Mac users install Parallels to run Windows on their Mac. Remote viewing enables screenshots and is not recommended.