Drupal 8 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
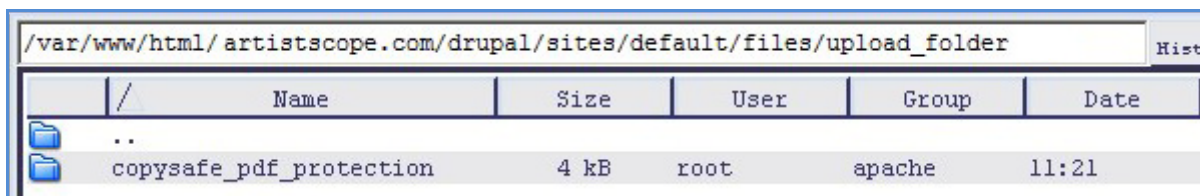
Uploading

Unzip the download package to produce the copysafe_pdf_protection.zip archive and upload to **/modules/contrib/copysafe_pdf_protection**

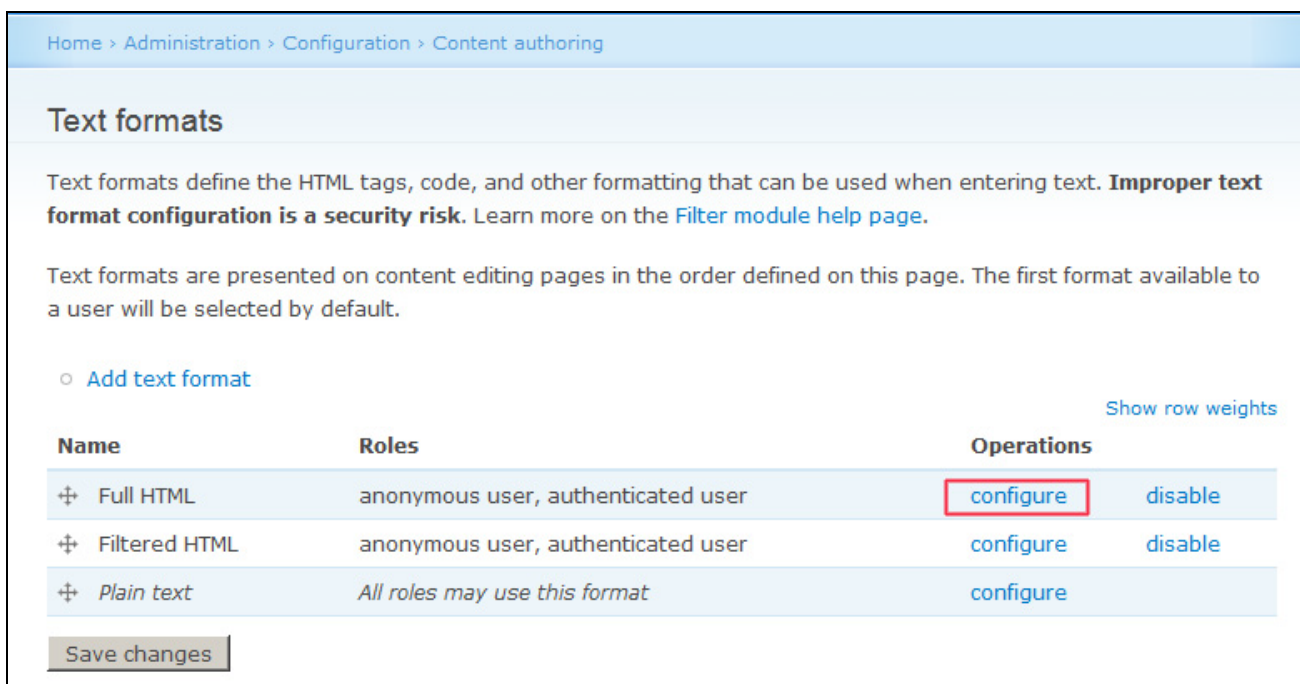Enable CopySafe PDF module at Administration » Modules:
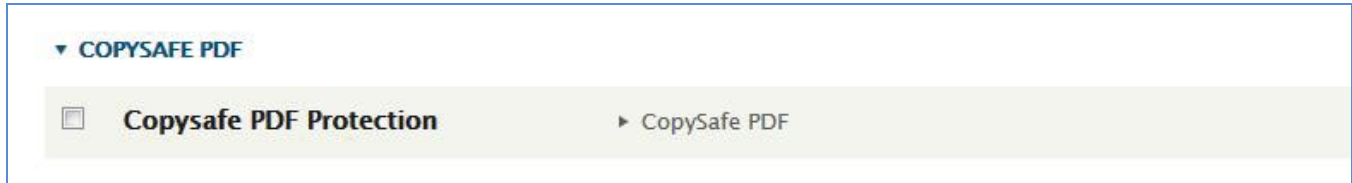
Upload Folder

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

Configuration

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

Check the box to enable CopySafePdf tag...

Enabled filters

☑ Enable CopySafeWeb tag replacement
  Enables CopySafeWeb tag replacement.

☑ Enable CopySafePdf tag replacement
  Enables CopySafePdf tag replacement.

☑ Align images
  Uses a data-align attribute on <img> tags to align images.

Drag CopySafePdf tag to the top of the list...

Filter processing order

✛ Enable CopySafeWeb tag replacement

✛ Enable CopySafePdf tag replacement

✛ Align images

Settings

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

These settings are applied to all CopySafe PDF web pages.

Upload folder

If you are having problems uploading, check that the folder does exists 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

ArtisBrowser is the only web browser that can display these encrypted files and the only web browser suitable for copy protection. However Firefox and Chrome may be used by admin for checking the shortcode and redirection for downloads, etc. But only for testing as only ArtisBrowser can display the protected content.

ArtisBrowser Minimum Version

ArtisBrowser is updated regularly to improve security and sometimes CopySafe plugins can be updated which may not be compatible with earlier versions. So to ensure that your users have the latest version or the version that supports your CopySafe files, you can set the minimum version of ArtisBrowser that will be allowed. Any earlier versions than what you nominate will be redirected to download the latest version of ArtisBrowser.

CopySafe PDF Plugin Installation

Viewing protected PDF displayed on a web page using a web browser requires a browser plugin. By installing the ArtisBrowser the CopySafe PDF browser plugin will be included. In fact, the ArtisBrowser includes support for all CopySafe solutions.

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.
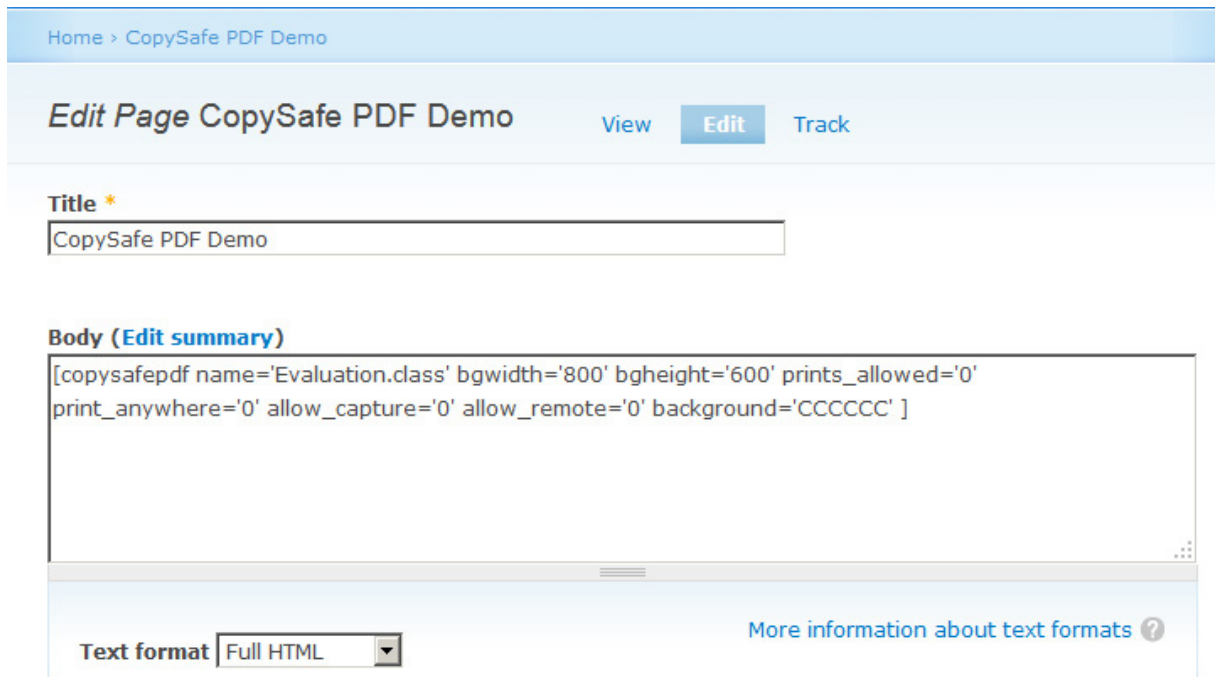
Testing at Localhost

Included in the package is CopysafeHelp.class which is an encrypted PDF created by CopySafe PDF. For testing at http://localhost you can use this image.

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.asp

Using the Drupal Module for CopySafe PDF

From the CopySafe PDF settings page you can upload encrypted PDF as .class and generate the shortcode to use on your web page. Copy-n-paste that into the editor where you want it to appear.

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 run Bootcamp or install Parallels to run Windows on their Mac. Remote viewing enables screenshots and is not recommended.