Joomla Extension for CopySafe PDF
-- Installation for Joomla 3 --

About this Extension and CopySafe PDF

This Joomla extension enables websites using Joomla 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 Joomla extension and a license is required to apply Domain Lock on protected PDF so that they remain secure while displayed on your website.

This Joomla extension is provided as a free add-on.

Domain Lock

Using Domain Lock prevents your protected PDF from being exploited by display on any other website, where protection levels can be altered to enable copy and dissemination of your document. But when Domain Locked to your website, it can only be displayed on your web pages, where you have control over the protection settings. To use Domain Lock you first need a license for the CopySafe PDF Protector software, plus a license key for each website that you want to use.

Using CopySafe PDF in Joomla Web Pages

CMS solutions like Joomla, Drupal, Moodle and WordPress make it easy for non-technical people to create and manage sophisticated websites. But adding new functions requires complex programming which can be beyond most web designers. So an extension like this one is provided as a site 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 Joomla page editor.

Installation

This extension can be installed like most other Joomla extensions and enabling the extension from the site admin's Configuration page.

Browser Support

The latest versions of popular browsers like Internet Explorer, Chrome and Chromium clones like Edge, Opera and Safari no longer support real browser plugins that can interact with a computer at system level. For any copy protected web project the ASPS web browser (ArtisBrowser), one properly designed to protect rather than exploit web media, will provide no-nonsense support for all CopySafe solutions.

From your settings page you can nominate which browsers are allowed access. For the most secure protection we recommend that you allow the ASPS browser (ArtisBrowser) only. This module includes the appropriate detection and download pages.

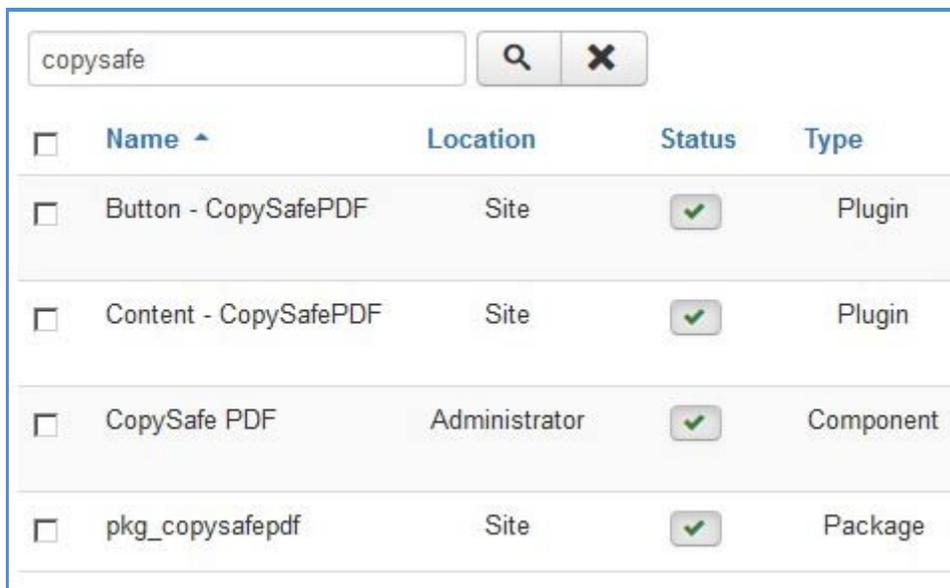# Installation of the CopySafe PDF extension for Joomla

Preparation

The easiest install is by using the **Upload & Install Joomla Extension** option but it requires write permissions on the following folders for the "apache" user:

/administrator/components/
/administrator/language/
/administrator/manifests/packages/
/components/
/images/
/plugins/content/
/plugins/editors-xtd/
/tmp/

Installation for Joomla 3.0 using Joomla Admin Tools

1. Download the package and unzip to extract the instructions and installer.
2. From your site administration, select Extensions -> Extension Manager.
3. Click the Browse button and select **pkg_copysafepdf.zip** for upload.
4. Click the Upload File & Install button. It will say that "Installing package was successful."
5. From the Extension Manager Page, click Manage on the left sidebar, then in the Search Field, input "CopySafe" to find all the CopySafe plugins.
6. Enable All the CopySafe plugins...

7. Add "class" filetype to allowed file types...

       * must be in alphabetical order and both lowercase and UPPERCASE

NOTE:

After installation, if file upload fails and reports error messages like "Failed to open output stream" or "Failed to open temp directory" check that the upload folder does exist and that it has write permissions for "apache".

The upload folder should be found at **/images/copysafepdf/.**

Default Settings

Go to Administration » Components » CopySafe PDF

1. You will see a list of encrypted images if you have already uploaded some.
2. Click on *Options* to edit your default settings.

These settings set a default that applies to all CopySafe PDF pages, unless otherwise specified on the individual pages.

Mode

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

1. Demo Mode - displays a placeholder image.
2. Licensed Mode - displays encrypted PDF and activates the CopySafe PDF browser plugin.
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. Note that this language setting is only applied to the buttons and messages within the Reader window area.

Viewer Width is the width of the reader window in pixels and **Viewer Height** 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.

Background 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. Note that you should not include the usual # symbol that is commonly used in HTML color settings.
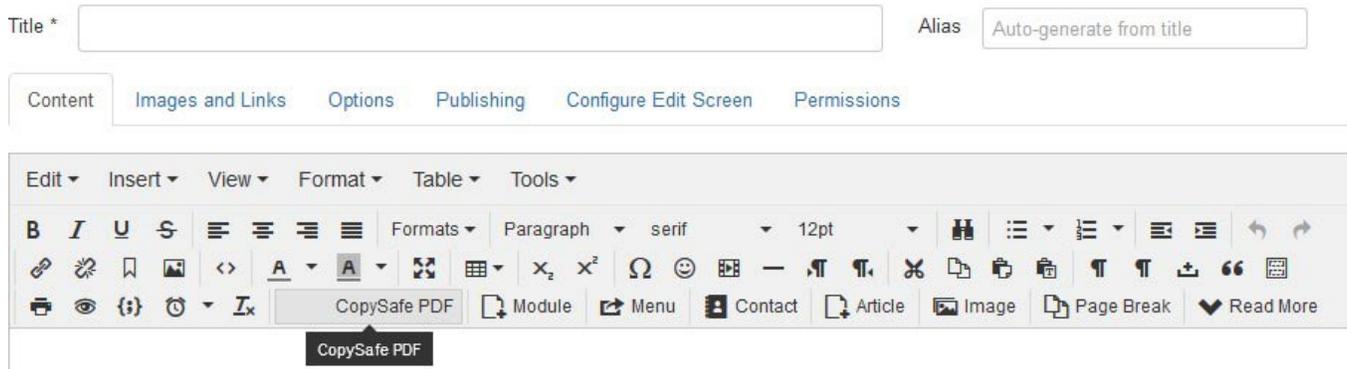
Select Browsers

ArtisBrowser is the only web browser capable of supporting copy protection plugins today, so only the ArtisBrowser should be allowed. However the option to allow Chrome and Firefox is provided, but only for admin to test the pages while using the Demo and Debug Mode options.
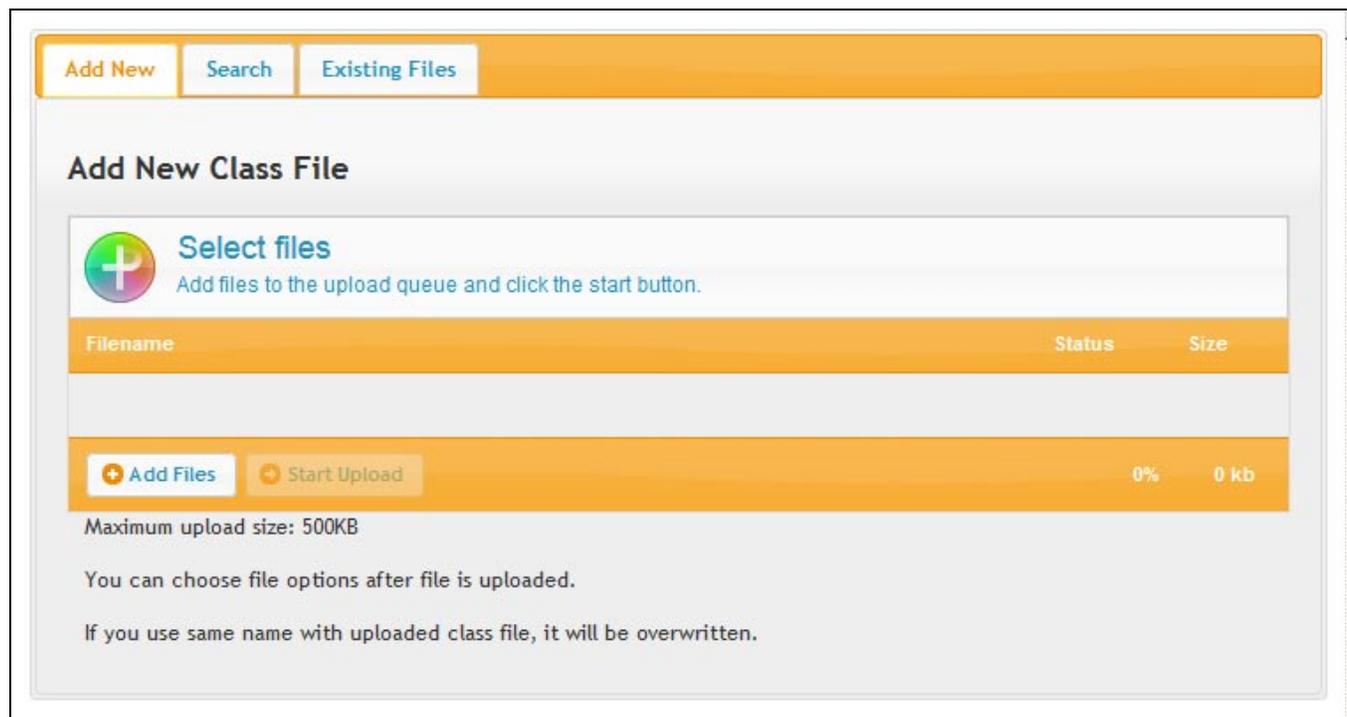
Minimum browser version for ArtisBrowser is provided to ensure that users are using the latest ArtisBrowser and therefore the most secure protection. Version 27.11 which is the default settings included upgrades for capture protection and version should not be set to less than 27.11.

Using the Joomla Extension for CopySafe PDF

Add the code to display encrypted images at the cursor position by clicking the *CopySafe PDF* button:

The next screen will provide the option of selecting an existing encrypted image or uploading a new on:

Click on the **Add Files** button.

Then click *Start Upload*. When the upload completes you will the see the window for Page Settings:

After selecting the settings for this image display, then click "Save".

Editing the Shortcode

Once the shortcode for your encrypted images added and the page has been saved, you may no longer be able to edit the shortcode by clicking on the CopySafe Web button. But now that you have shortcode, you can edit it manually at any time.

```
{copysafepdf name="Evaluation.class" bgwidth="680" bgheight="900" prints_allowed="0"
    print_anywhere="0" allow_capture="0" allow_remote="0" background="FFFFFF"}
```

Troubleshooting

Cannot access the homepage?

CopySafe pages will redirect if the plugin is not detected or if the browser type is not allowed. So unless you want to block certain browsers from your home page, do not add CopySafe to blogs or other content that might be shown or indexed on your home page. If you do want to use CopySafe on blog pages make sure that those pages are not summarized on your home page.

Support

CopySafe PDF Reader Support

When anyone loads a web page that displays CopySafe PDF, their browser is checked for the plugin and if it is not found they will be redirected to the appropriate download page with further instructions.

Reader & Plugin Downloads

The ArtisBrowser includes browser plugins for all CopySafe solutions. By installing the ArtisBrowser, your users will also get the CopySafe PDF Reader installed. One install to cater for all of your copy protection needs.

Customizing the Download Pages

Any files found in the content folder that use "download" in their file name can be safely edited without affecting this extension's functions.

Licensing

This Joomla extension is free. However, you will need a license to use the CopySafe PDF Protector and Domain Lock. See – https://artistscope.com/copysafe_pdf_protection.asp#purchase