



Drupal 7 Module for CopySafe Web

About this Module and CopySafe Web

This Drupal module enables websites using Drupal CMS to upload, display and manage pages and posts that show encrypted images created by the CopySafe Web software.

When CopySafe Web encrypted images load, they activate the CopySafe Web browser plugin to prevent Print Screen and screen capture. Thus, the addition of even a small encrypted image can be used to add copy-protection to your Drupal pages and protect any media displayed on that page, including Flash and video.

CopySafe Web software is a separate application to this Drupal module and a license is required to use it per website. Otherwise, this Drupal module is provided as a free add-on.

Domain Lock

CopySafe Web software encrypts images and embeds Domain Lock inside the image, so that they can only be displayed from your website. The images are useless to anyone saving a copy, as they cannot be displayed anywhere else, thus making them most secure. CopySafe Web encrypted images stored on a web server are even safe from your web master.

Using CopySafe Web 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. For this reason, a module like this one is provided as an add-on, so that new functions like the display of CopySafe Web encrypted images and the invoking of copy protection is made as easy as point-and-click with a mouse.

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 Web module for Drupal

Requirements

This module requires *ctools*. To install the ctools module, see <http://drupal.org/project/ctools> for further information.

Uploading

Unzip the CopySafe Web zip archive and upload to **/sites/all/modules/copysafeweb** as seen in the image below:



The screenshot shows a file manager interface. On the left, a tree view displays the directory structure of a Drupal installation, with 'sites/all/modules/copysafepdf' highlighted. On the right, a file list table shows the contents of the selected directory.

| | Name | Size | User | Group | Date |
|--|--------------------------|-------|--------|--------|--------|
| | .. | | | | |
| | copysafepdf.css | 259 B | drupal | apache | 26/Jun |
| | copysafepdf.info | 152 B | drupal | apache | 13/Jun |
| | copysafepdf.js | 9 kB | drupal | apache | 19/Jun |
| | copysafepdf.module | 24 kB | drupal | apache | 10:50 |
| | copysafepdf_back.js | 3 kB | drupal | apache | 26/Jun |
| | download.php | 10 kB | drupal | apache | 10:55 |
| | download_activex.html | 11 kB | drupal | apache | 09/Mar |
| | download_cache.html | 10 kB | drupal | apache | 09/Mar |
| | download_javascript.html | 9 kB | drupal | apache | 09/Mar |
| | download_no.php | 8 kB | drupal | apache | 10/Apr |
| | images | 4 kB | drupal | apache | 22/Jun |
| | index.html | 11 kB | drupal | apache | 09/Mar |
| | README.txt | 1 kB | drupal | apache | 10:59 |

Enable CopySafe Web module at Administration » Modules:



The screenshot shows the 'CopySafe Web' module page in the Drupal administration interface. The module is listed as 'Enabled' with a checked checkbox.

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

Configuration

Enable CopySafe Web 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 *

Full HTML Machine name: 2

Roles

☒ anonymous user

☒ authenticated user

Enabled filters

☐ Display any HTML as plain text

☐ Limit allowed HTML tags

☒ Convert URLs into links

☒ CopySafeWeb

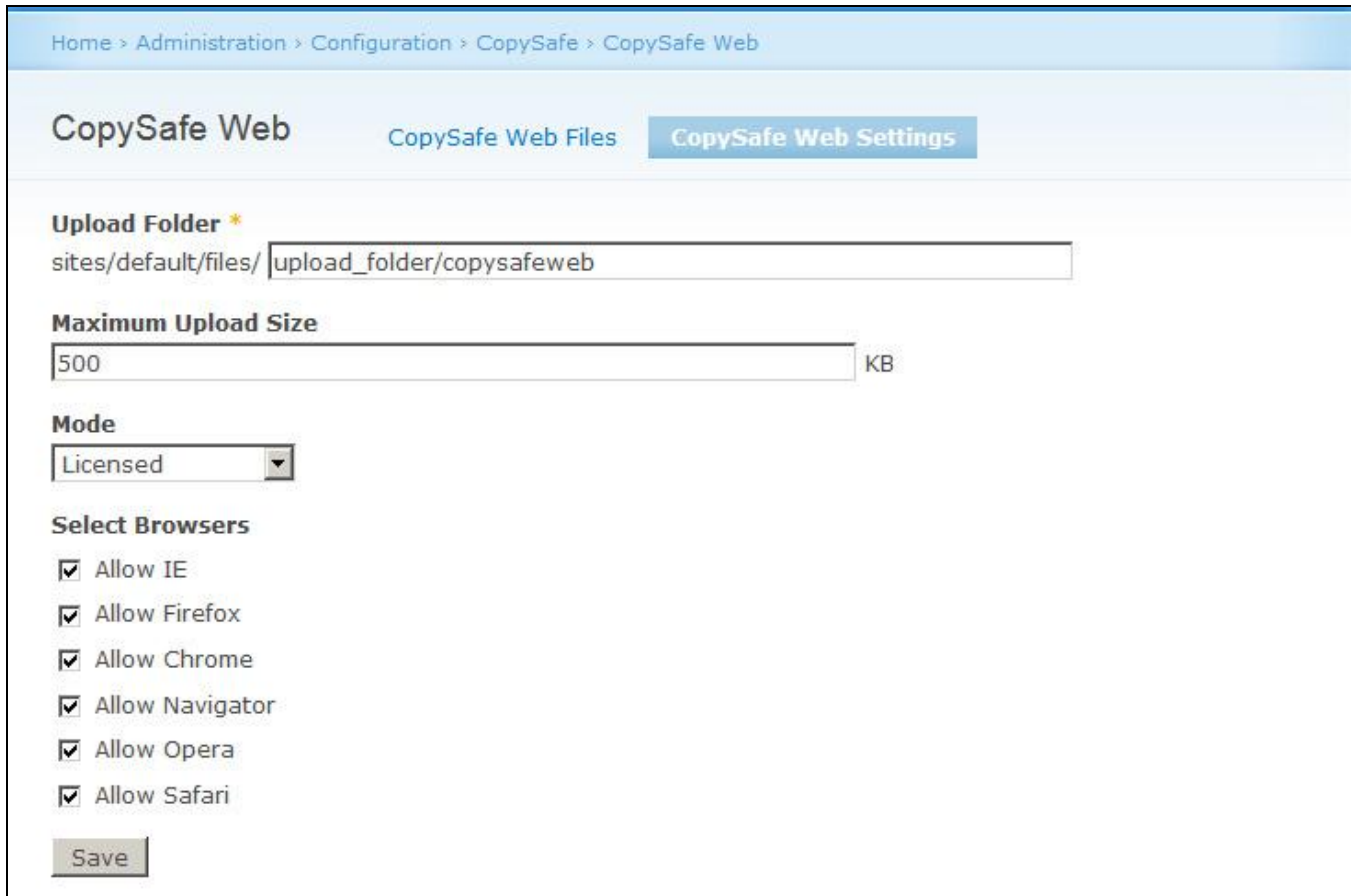
Enable CopySafeWeb tag replacement.

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

☒ Correct faulty and chopped off HTML

Settings

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



The screenshot shows the 'CopySafe Web Settings' page. At the top, there is a breadcrumb trail: 'Home > Administration > Configuration > CopySafe > CopySafe Web'. Below this, the page title 'CopySafe Web' is followed by two tabs: 'CopySafe Web Files' and 'CopySafe Web Settings' (which is active). The settings are organized into sections: 'Upload Folder *' with a text input field containing 'sites/default/files/upload_folder/copysafeweb'; 'Maximum Upload Size' with a text input field containing '500' and a 'KB' label; 'Mode' with a dropdown menu set to 'Licensed'; and 'Select Browsers' with a list of checkboxes for 'Allow IE', 'Allow Firefox', 'Allow Chrome', 'Allow Navigator', 'Allow Opera', and 'Allow Safari', all of which are checked. A 'Save' button is located at the bottom left of the settings area.

These settings are applied to all CopySafe Web pages.

Upload folder

Leave the upload folder as is, as the default is set to be included in the normal Drupal upload folder and it will be created automatically with the correct permissions. If you are having problems with uploading, you may want to check that folder to ensure that everyone has write permissions.

Maximum Upload Size

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

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 images and activates the CopySafe Web browser plugin.
3. Debugging Mode - displays the html used in the object tag in a text area form object.

Select Browsers

This selection enables site owners to control who can access their protected web 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 Web Browser Plugin Installation

Viewing protected images that are displayed on a web page using a web browser requires a browser plugin. By installing the CopySafe Web browser plugin, users can then access the protected pages and view encrypted images

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

Plugin Downloads

This module includes the download page for the CopySafe Web plugin installers. That page currently links to the ArtistScope download site for the installer, but you are most welcome to download the installer and host it on your own website. Note that if you are doing this, then you will have to edit the download page to point to the new location of the download file.

Customizing the Download Pages

Any files found in the CopySafeWeb folder that use “download” in their file name can be safely edited without affecting this module’s functions.

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 Web image encryption software. See – https://www.artistscope.net/ssl/order/order_web.asp

Using the Drupal Module for CopySafe Web

Add the code to display encrypted images at the cursor position by clicking “Embed CopySafeWeb”:

Home > CopySafe Web Protection > Copysafe Web Demo - Static image

Edit Page Copysafe Web Demo - Static image

View Edit Track

Title *
Copysafe Web Demo - Static image

Body (Edit summary)
[copysafeweb name='unmasking580_0580_0384_C.class' width='580' height='384' border='0' border_color='FFFFFF' text_color='CCCCCC' capture='1' keyboard='0' menus='0' remote='0' loading_message='...' hyperlink="" target='_self']

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 image display. When embedding encrypted images you select these options from a web form. But you can edit this shortcode at any time.

width is the width of the image in pixels and **height** is the height in pixels.

border_color and **text_color** govern the image background and loading message colors. **border** can be used to add a frame around the image, ie: border = 10 will add a 10 pixel border.

capture means what it says. If this option is enabled then users can use Print Screen and screen capture software to copy your web pages. The default setting is 0 which also activates scripting to disable right-click mouse options and drag-drop of images to the desktop.

keyboard and **menus** can be enabled or disabled however the effect of this option varies between different web browsers.

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.