

LINKLOCKER version 2.5.1 - by Brad Street

Copyright 2008-Present. All rights reserved.

OVERVIEW:

The LinkLocker module allows you to provide download links for your files to your users without revealing the actual path to the file. For example, if a user has purchased an item, you could include this tag between the weblog:entries tag set and pass it the url of the item that they've purchased. Additionally, there are several configurable parameters. For example, you could configure an expire time for the links - default is 48 hours. You could also decide whether to lock the link to the IP address of the user shown the link. The script would then create a link to allow the file to be downloaded (temporarily), without giving away the true path to the file. Further, you can integrate with the EE members module to track downloads via members. Even more, you can set the maximum number of downloads per generated link, restrict download links to member groups and much more!

Newest Features:

- Parameter "allow_url_fopen" is no longer required to be on in php.ini. If it is not available, the module will attempt to use curl() functions to get the file.
- Path can now be passed in, instead of a link. This is the recommended way to create links, as it conserves bandwidth.

UPGRADING:

- **NOTE: Upgrade is NOT POSSIBLE from LinkLocker Free!**
- Overwrite the linklocker folder in the modules directory with the new linklocker folder - do NOT uninstall - as you may risk breaking any previously generated links.
- Navigate to Modules in the admin area and click on Linklocker.
- The module will upgrade itself to 2.5.1 automatically at this point.

INSTALLATION:

- Copy the linklocker folder to the modules directory within your system folder.
- Copy the lang.linklocker.php file to your language/english/ directory.
- Copy the pi.linklocker_stats.php file to your /plugins/ directory.
- From the modules page of your admin area, click install in the "Actions" column for the Linklocker entry.

EXAMPLE USAGE:

```
<a href="{exp:linklocker path="/music/myfile.mp3"}">Myfile</a>
```

Upon parsing of your template, the above code will be replaced by something like: `http://www.mysite.com/?ACT=144&url=1&linklocker=MjA0LjE1NKecC40My4yNDe0pQ=77yyMjAjd4wODoxMDowlp4NiAxNTowNKw6joxNQ==77N3ayyM6Z`

NOTES:

THE ONLY REQUIRED PARAMETER IS EITHER PATH OR URL. For example, the following generates a link that is good for 48 hours:

```
<a href="{exp:linklocker path="/music/myfile.mp3"}">Myfile</a>
```

PARAMETERS

**-REQUIRED-
EITHER URL OR PATH MUST BE PASSED IN. IF BOTH ARE SPECIFIED, PATH WILL OVERRIDE URL.**

path

Specifies the path of a file to be masked relative to the site root. Make sure the file and path exists. This is the recommended parameter for passing in a file location. The path must be located within the site root.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3"}">Myfile</a>
```

url

Specifies the complete URL of a file to be masked - NOT THE PATH. Make sure the file exists and that your .htaccess file allows access to this url. If you are getting "corrupt" files when you download them, one of these is likely the issue unless, of course, the file you are downloading is actually corrupt. This parameter is not recommended, as the file will be read and served via HTTP, thereby doubling the bandwidth required to serve the file. It is recommended that you use the "path" parameter to specify the path to a file within your site root.

example:

```
<a href="{exp:linklocker url="http://www.mysite.com/path/to/file.mp3"}">Myfile</a>
```

expires (OPTIONAL)

Allows you to specify a time limit (in minutes) until the generated link will expire. If this parameter is not specified, the link will have an expiration time of 48 hours. If this parameter is set to zero "0", the link will never expire (it will be set to 10 years).

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" expires="20"}">Myfile</a>
```

iplock (OPTIONAL)

possible values: "on" "off" (is "off" by default)

Allows you to lock a link to the IP address of the user for whom it was generated. If this parameter is set to "on", links generated will only be downloadable from the IP of the person who is shown the link.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" expires="15" iplock="on"}">Myfile</a>
```

max_downloads (OPTIONAL)

Allows you to specify the maximum number of times this generated link may be used. If this parameter is not set, or is set to "0", there will be no limit on the number of times the link may be used.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" expires="60" max_downloads="3"}">Myfile</a>
```

restricted_groups (OPTIONAL)

Allows download links to be restricted to certain group_ids in EE. Multiple parameters may be specified if separated by a bar "|". If this parameter is used, it would be wise to also use the optional parameter "restricted_url" to perhaps pass a non-member to a signup page. Default user groups: 1-Superadmin, 2-Banned, 3-Guests, 4-Pending, 5-Members, 6+ Other Member Groups.

examples:

```
(single:) <a href="{exp:linklocker path="/music/myfile.mp3" expires="20" restricted_groups="5"}">Myfile</a>  
(multiple:) <a href="{exp:linklocker path="/music/myfile.mp3" expires="90" restricted_groups="1|5"}">Myfile</a>
```

restricted_url (OPTIONAL)

If used with the above optional parameter of "restricted_groups", this is the url that users will be passed to if they are not logged in or are not a member of the specified restricted_groups.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" restricted_groups="5" restricted_url="{path=templgrp/templ}">Myfile</a>
```

err_page (OPTIONAL)

Allows you to specify the url to forward a user to if there is an error while downloading a link. If this parameter is not specified, the user will be shown error messages when an error occurs.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" expires="10" err_page="{path="generic/404"}"}">Myfile</a>
```

mode (OPTIONAL)

possible values: "page" or "debug"

If set to "page", and the URL is that of a webpage, the link will simply stream a webpage to the user's browser without revealing the URL of the page.

If set to "debug", the link that is generated will not work - instead, the href attribute will contain debugging info.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" mode="debug"}">Myfile</a>
```

group (OPTIONAL)

Allows you to specify an optional group for the link that will be shown in the control panel. This parameter is used to simply allow you to organize and group links that you show, such as those for media files.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" group="312K MP3s"}">Myfile</a>
```

label (OPTIONAL)

Allows you to specify a label for the link that will be shown in the control panel. Like the group parameter, this parameter is used to simply allow you to organize and group links that you show, such as those for media files.

example:

```
<a href="{exp:linklocker path="/music/myfile.mp3" label="The Myfile Song" group="312K MP3s"}">Myfile</a>
```

SUPPORTED FILETYPES:

The following filetypes have been confirmed as supported as of Linklocker v2.5.1. It supports other as of yet "undocumented" filetypes as well. If you find it working with a filetype not listed, please notify me and I will add it to the list. If you require support for a filetype and have confirmed it is not working, please contact me at <http://www.brad-street.com/contact> and I will add support.

Confirmed Supported File Types:

- .exe
- .pdf
- .ppt
- .doc
- .xls
- .rar
- .tar
- .zip
- .jpg
- .gif
- .png
- .wma
- .flv
- .mov
- .mp3
- .wav

CHANGELOG:

09/23/09 - brad street - 2.5.1

Bugfix for extra "?" being inserted into URLs for members.

07/21/09 - brad street - 2.5

Re-engineered the way files are sent if allow_fopen is on. Fixed bug with deny_hotlink functionality.

06/04/09 - brad street - 2.4.5

Reimplemented the restricted_groups functionality.

06/03/09 - brad street - 2.4.4

Another bugfix for pagination of member_stats().

06/02/09 - brad street - 2.4.3

Bugfixe for pagination of member_stats() - line 565.

01/19/09 - brad street - 2.4.2

Bugfixes, optimized queries, optimized database.

01/06/09 - brad street - 2.4.1

Minor bug fixes.

01/05/09 - brad street - 2.4

Added curl functions to open if allow_url_fopen is not on. Fixed bug in 2.3 version that caused multiple links have same hash. Added functionality to allow a path to be passed in. Fixed bug with using parameter "restricted_groups".

11/22/08 - brad street - 2.3

Cleaned up configuration data.

11/12/08 - brad street - 2.2

Continuing to abstract code & break up functions. Completed changes required to allow the class to be used by Digital Commerce Module. Numerous small bug fixes.

11/4/08 - brad street - 2.1

Began improving OOP aspect of the code. Added required changes to allow the class to be used by outside apps (such as Digital Commerce - under development). Added pagination to

Link Statistics and Member Statistics areas - 50 entries per page.

Updated module with "update" function to update from version 2.0 to 2.1 .

10/16/08 - brad street - 2.0 (final)

Fixed bug causing iplock to always be on.

10/9/08 - brad street - 2.0rc1 & rc2

Added function to automatically prune the exp_linklocker_gen database of links that have been expired more than 14 days. This does not affect links created for members - still need to add this functionality.

10/7/08 - brad street - 2.0 beta 4

Reset in CP does not delete from total downloads count for a link. Added "deny_hotlink" parameter to linklocker module. If this parameter is set to on, the request for the link must come from the site url set in \$ Prefs->core_ini['site_url']. Default value is off.

10/5/08 - brad street - 2.0 beta 3

Remove in CP now performs cascading delete. Updating a call to exp:linklocker now updates the link that is stored for members. Added top_downloads function to linklocker_stats plugin.

10/3/08 - brad street - 2.0

Major re-write of module. Moved parameters out of URL and into database. Created administrative backend to track links that have been created and to count downloads, as well as track downloads by members. Added parameters to restrict downloads to members (by member group), set max number of times a generated url can be used, pass in labels to be used to identify links in backend.