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# **Collective.Addons User Documentation**

*Release 1.0*

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User documentation



## INSTALLATION

You can install the Plone add-on `collective.addons` using `zc.buildout` and the `plone.recipe.zope2instance`. Thus you could add it to the list of eggs to install, e.g.:

```
[buildout]
...
eggs =
...
    collective.addons
```

Once you have added the add-on re-run buildout, e.g. with:

```
$ ./bin/buildout
```

Once your buildout finished you had to create a new Plone site and then install and activate the Plone add-on inside this new Plone site. Therefore you had to go to the Plone 'Site Setup' administration area. If you got administration permissions you find a link to it in the menu entry with your name (or 'admin'). You could reach it directly by adding `/@@overview-controlpanel` to the URL of your Plone site.

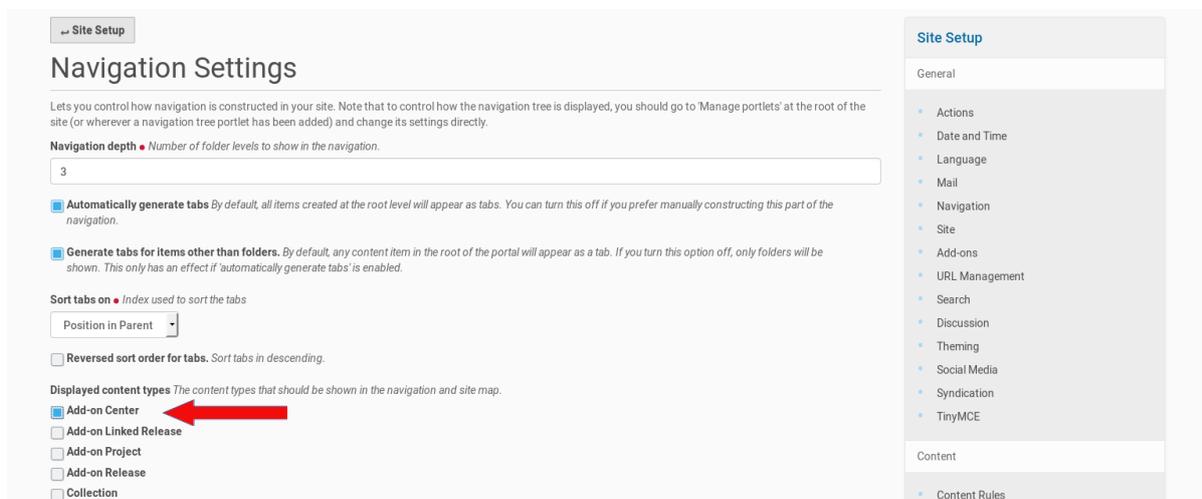
In the 'Site Setup' page click on 'Add-ons' and you get a list of the Plone add-ons which are available in your Plone site.

The screenshot shows the Plone administration interface. At the top, there is a 'Home' link and a 'Site Setup' button. The main content area is titled 'Add-ons' and contains a message: 'This is the Add-on configuration section, you can activate and deactivate add-ons in the lists below. To make new add-ons show up here, add them to your buildout configuration, run buildout, and restart the server process. For detailed instructions see [Installing a third party add-on](#).' Below this message is a section for 'Upgrades' with a notification: 'No upgrades in this corner. You are up to date. High fives.' The 'Available add-ons' section lists several add-ons, each with an 'Install' button. A red arrow points to the 'Install' button for the 'collective.addons' add-on. The 'Site Setup' sidebar on the right contains a menu with categories like 'General' and 'Content', and sub-items like 'Actions', 'Date and Time', 'Language', 'Mail', 'Navigation', 'Site', 'Add-ons', 'URL Management', 'Search', 'Discussion', 'Theming', 'Social Media', 'Syndication', 'Translation', 'Content Rules', 'Editing', 'Image Handling', 'Markup', and 'Content Settings'.

You will get a list like in the above screenshot. Click on the 'install' button next to the 'collective.addons' list entry and the add-on will be installed in your Plone site.

## 1.1 Navigation configuration

Next you need to go to the ‘Navigation’ configuration inside the ‘Site Setup’. Thus click on the corresponding button and you get to the configuration menu in the screenshot below.



The screenshot displays the 'Navigation Settings' configuration page within the 'Site Setup' section. The page includes several settings:

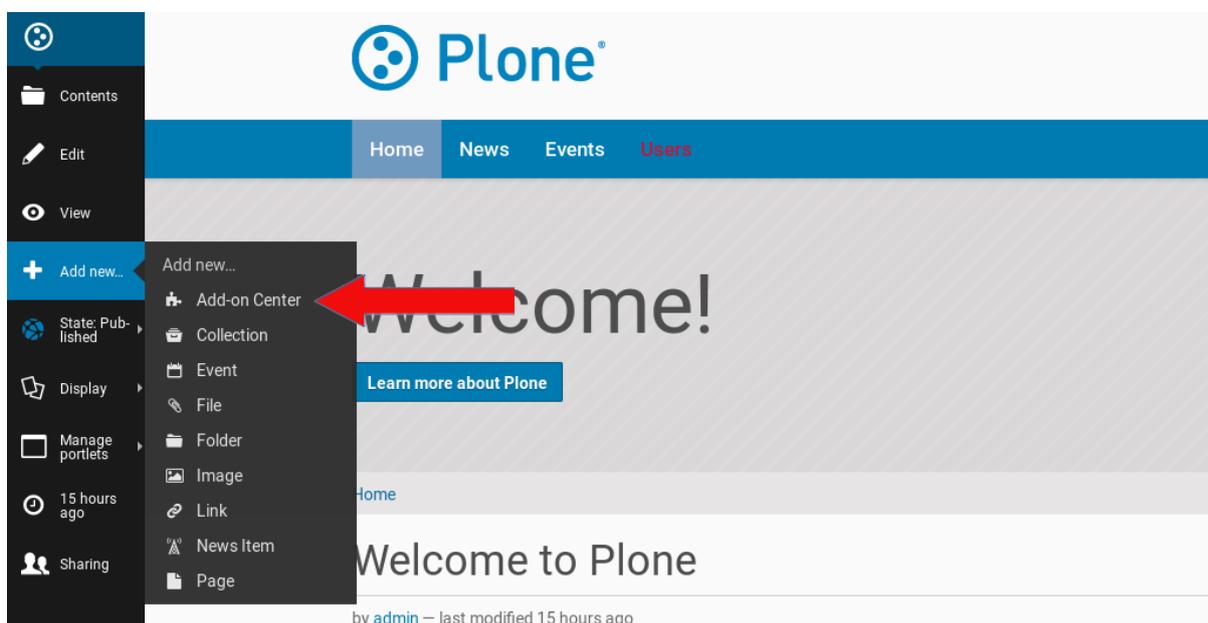
- Navigation depth:** A text input field containing the number '3'.
- Automatically generate tabs:** A checked checkbox with the description: "By default, all items created at the root level will appear as tabs. You can turn this off if you prefer manually constructing this part of the navigation."
- Generate tabs for items other than folders:** A checked checkbox with the description: "By default, any content item in the root of the portal will appear as a tab. If you turn this option off, only folders will be shown. This only has an effect if 'automatically generate tabs' is enabled."
- Sort tabs on:** A dropdown menu set to "Position in Parent".
- Reversed sort order for tabs:** An unchecked checkbox with the description: "Sort tabs in descending."
- Displayed content types:** A section titled "The content types that should be shown in the navigation and site map." containing several checkboxes:
  - Add-on Center (highlighted with a red arrow)
  - Add-on Linked Release
  - Add-on Project
  - Add-on Release
  - Collection

The right sidebar shows the 'Site Setup' menu with 'Navigation' selected under the 'General' section.

Tick the checkbox in front of the entry ‘Add-on\_Center’ and save your changes. The necessary steps are done to go to the homepage of your Plone site (or a subdirectory of the site, where you want to create a new add-on center.

## ADD A NEW ADD-ON CENTER TO YOUR PLONE SITE

I assume you want to add the center to the Plone site root ('Home'). Therefore go to this site root and choose from the Plone menu on the left 'Add new'. You get in this menu an entry to create a new 'Add-on Center' (see the screenshot below).



Click on this entry and you get the form below. This is the edit form to create and configure a new Add-on Center in your Plone site.

A screenshot of the 'Add Add-on Center' form in Plone. The form title is 'Add Add-on Center' and the subtitle is 'A center for add-ons'. At the top, there are several tabs: Default, Categories et. all, Allowed file extensions, Instructions, Legal Disclaimer, Special email addresses, Settings, and Dates. The form contains several text input fields: 'Name of the Add-on Center', 'Description of the Add-on Center', 'Description of the features of Add-ons', and 'Add-on product name'. Below these fields is a section for 'Information about search for old product versions' with a text area. At the bottom, there is a rich text editor toolbar with options like Edit, Insert, View, Format, Table, and Tools.

Fill in the fields in the edit form of the Add-on Center. All fields has a description of their expected values. Don't miss to go through the register of the edit form dialog. The fields on the register 'Allowed file extensions' need your input about the allowed file extensions for the add-ons, the image file extensions (logo, screenshot) and the documentation files. If there are different file extensions allowed for this file categories you could enter this file extensions seperated by a pipe into the form fields, e.g.: 'pdf|odt' for documentation files. Once you are finished with adding values to the edit form, save the form. If you missed to edit a form field, you will get an error message and could fill in the necessary information into the appropriate form field.

## 2.1 Publish The New Add-on Center

Once you finished with the edit form of the Add-on Center and saved your changes you need to publish the center. You could do this by a click on the entry 'State: Private' in the menubar on the left site. Choose the entry 'Publish' and you are done.

## 2.2 Sharing: Enable Members To Add Projects

The logged in users are not able to add projects to the Add-on Center yet. You could enable this by a mouse click on the entry 'Sharing' in menubar on the left site (see screenshot below). This shows the edit menu for sharing and you could tick the checkbox 'Can add' for 'logged-in-users' (see screenshot below) to enable the members of the Plone site to add their add-on projects to the center.

The screenshot shows the 'Sharing for "Add-on Center"' page in the Plone interface. The left sidebar menu has a red arrow pointing to the 'Sharing' option. The main content area shows a table with the following structure:

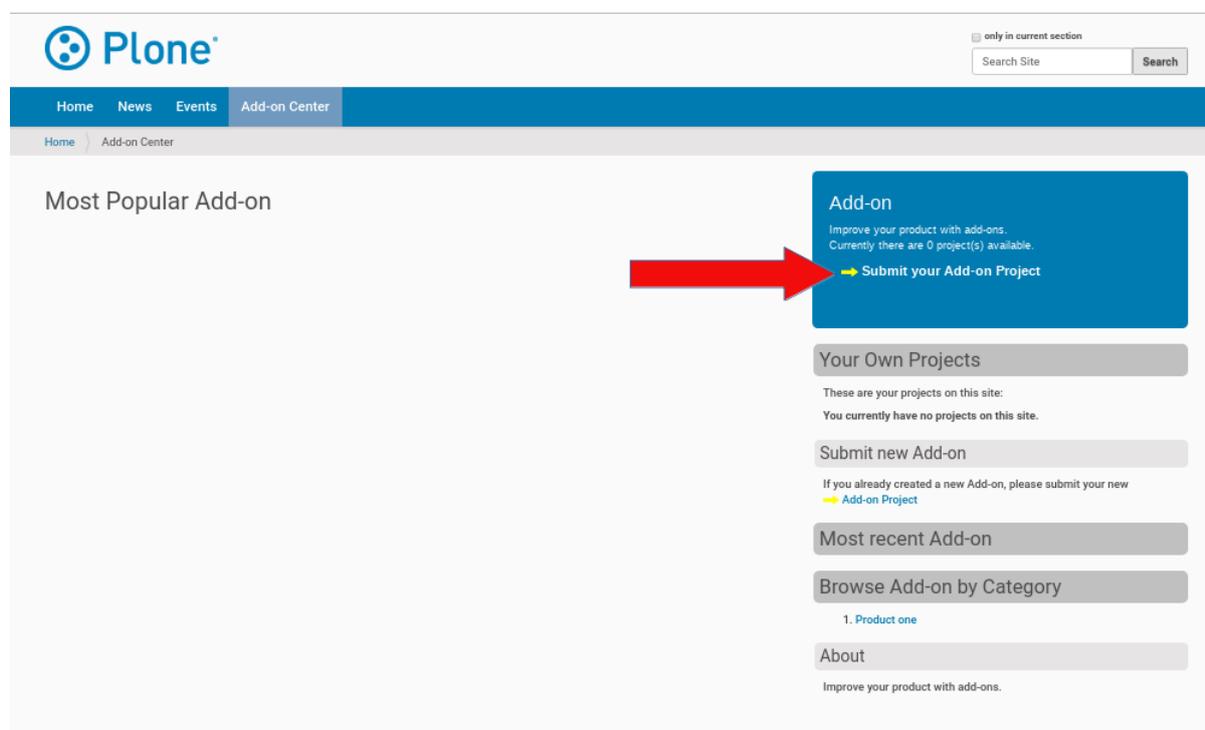
Name	Can add	Can edit	Can review	Can view
Logged-in users	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Below the table, there is a section for 'Inherit permissions from higher levels' with a checkbox and explanatory text. At the bottom, there are 'Save' and 'Cancel' buttons.

## ADD A NEW ADD-ON PROJECT TO THE ADD-ON CENTER

A member of the Plone site (logged-in user) could add own add-on projects to the 'Add-on Center' once he called the appropriate form for new such projects and fill in the necessary data.

He has to click with the mouse first on the link in the box on the right side (see screenshot below).



This mouse click opens the form for providing new add-ons. The form dialog consists of several registers. The form fields in the first register ask for more general information about the project. It's possible to edit and change the content of the fields later, if the focus or the features of the project varies.

### 3.1 The First Register 'Default'

The new add-on project needs its own title with a length from 5 to 50 characters. This title has to be unique inside the 'Add-on Center'. If there is already another add-on project with the same title the member will get an error message with the appropriate information. Thus he had to choose another title for his add-on project.

Home Add-on Center

## Add Add-on Project

An Add-on Project

Default **Category / Categories** Logo / Screenshot Documentation Ownership Dates Categorization

**Information** The Dialog to create a new project consists of different registers. Please go through this register and fill in the appropriate data for your project. The register 'Documentation' and its fields are optional.

**Title** • Project Title - minimum 5 and maximum 50 characters

**Project Summary** •

**Full Project Description**

Edit - Insert - View - Format - Table - Tools -

Formats - B /

0 WORDS POWERED BY TINYMCE .js

**Contact email-address** • Contact email-address for the project.

**Homepage** If the project has an external home page, enter its URL (example: 'http://www.mysite.org').

Save Cancel

A new project needs also a summary and could get a full description of its purpose and features. The latter one is optional (only form fields with a red point behind the title are mandatory).

It's also necessary that the member provides an email-address. This address will be used to get in contact with the project (owner). The 'Add-on Center' sends e.g. messages if the status of the project changes (e.g. it was published by a reviewer). Users of the project / add-on could send feedback to the author within a form. The content of this form will be send by email to the project (owner) (The feedback provider will not see the email address of the project).

If there is already a homepage of the add-on project available on the internet, it is possible to submit within the correspondending form field. This homepage will be published inside the project ressources on the right side of the add-on project page. Thus the user of the project / add-on could reach the external project homepage very easily with only one mouse click.

## 3.2 The Second Register 'Category / Categories'

The add-on projects were assigned to one or more categories. The creator of the add-on project could choose on this register one or more categories, the new add-on project matches. The list of categories on this register had been created by the Plone site administrator within the 'Add-on Center'.

### 3.3 The Third Register ‘Logo / Screenshot’

This is the place to submit a project logo or screenshot. It is mandatory to submit one of them. The allowed file extensions are displayed next to the button to call the file dialog. The Plone site administrator choose this allowed file extensions within the ‘Add-on Center’.

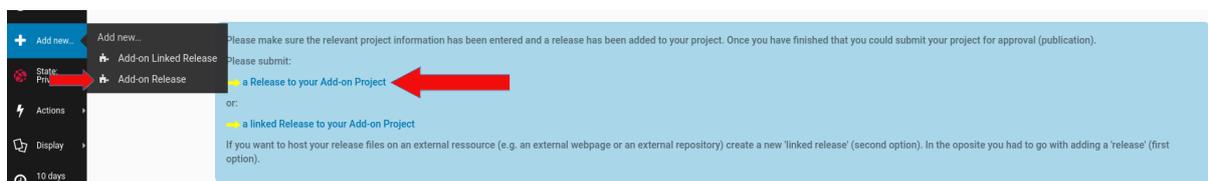
### 3.4 The Fourth Register ‘Documentation’

This register provide the opportunity to upload a documentation file. It will be linked from the project ressources in the project view. The allowed file extensions are displayed next to the button to call the file dialog. The Plone site administrator choose this allowed file extensions within the ‘Add-on Center’.



## ADD A NEW RELEASE TO AN ADD-ON PROJECT

A owner of an add-on project could add a release to the own project. There is a link at the top of an add-on project page whilst the owner is logged-in to the Plone site. Once he clicked on this link he got an edit form to enter the content of the new release.



The owner could make alternatively a mouse click on the menu entry 'Add new' in the menu bar on the left side and choose from the opening sub menu the entry 'Add-On Release' (see the small red arrow in the screenshot above).

The form dialog consists of several register. The form fields in the first register asks for more general information about the release. It's possible to edit and change the content of the fields later, if there is something missing or there are e.g. typos, that should be fixed.

### 4.1 The First Register 'Default'

The new add-on release needs its own release number. This number (up to twelf chars) will be part of the release title and its URL. The title will be created from the add-on project title and the release number. This title has to be unique inside the Plone site. If the release number is already in use, the editor will get an error message about it.

# Add Add-on Release

An Add-on Release

Default	Compatibility	Legal	Fileupload	Further File Uploads	Further more file uploads	Ownership	Dates	Categorization
---------	---------------	-------	------------	----------------------	---------------------------	-----------	-------	----------------

**Information** This Dialog to create a new release consists of different registers. Please go through this register and fill in the appropriate data for your release. This register 'Default' provide fields for general information of your release. The next register 'compatibility' is the place to submit information about the versions with which your release file(s) is / are compatible. The following register asks for some legal informations. The next register 'File Upload' provide a field to upload your release file. The further register are optional. There is the opportunity to upload further release files (for different platforms).

**Release Number** • Release Number (up to twelf chars)

**Release Summary** •

**Full Release Description**

Edt - Insert - View - Format - Table - Tools -

← → Formats - **B** *I* [List Icons] [Link Icon] [Image Icon]

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text/html

**Changelog** A detailed log of what has changed since the previous release.

Edt - Insert - View - Format - Table - Tools -

← → Formats - **B** *I* [List Icons] [Link Icon] [Image Icon]

0 WORDS POWERED BY TINYMCE

text/html

**Contact email-address** Contact email-address for the project.

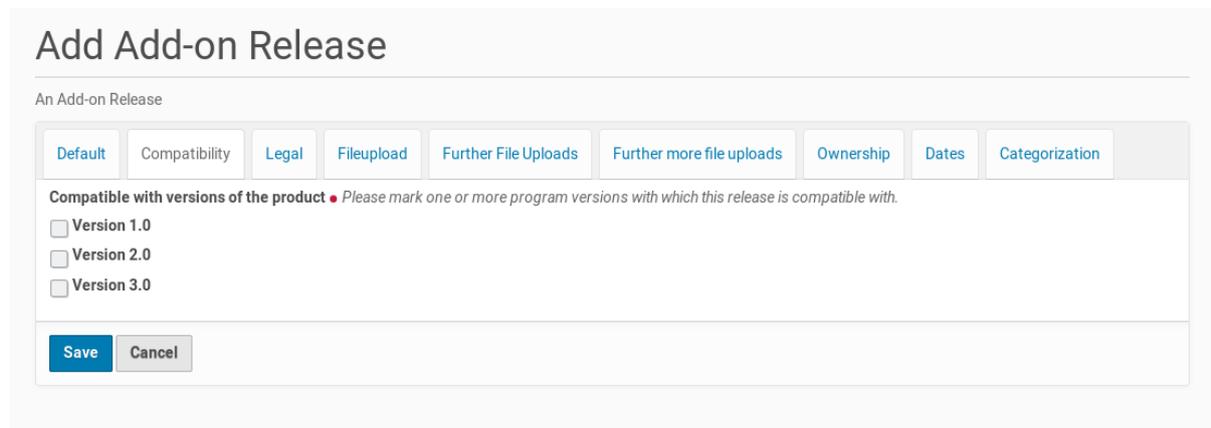
A new release needs also a summary and could get a full release description with details about its features. The latter one is optional (only form fields with a red point behind the title are mandatory).

There is also an optional field to add changelog information, especially if the add-on release adds some new features or fix some issues.

The field for the email address will be initialized with the email address from the add-on project the release was added to.

## 4.2 The Second Register ‘Compatibility’

This register contains a form field to choose the versions of the program the release is compatible with. The list of program versions will be created by the site admin within the ‘Add-on Center’. It is possible to choose multiple program versions for the release compatibility.



The screenshot shows a web form titled "Add Add-on Release". Below the title is a subtitle "An Add-on Release". There is a horizontal navigation bar with several tabs: "Default", "Compatibility", "Legal", "Fileupload", "Further File Uploads", "Further more file uploads", "Ownership", "Dates", and "Categorization". The "Compatibility" tab is selected. Below the tabs, there is a section titled "Compatible with versions of the product" followed by a red dot and the text "Please mark one or more program versions with which this release is compatible with." Underneath this section are three checkboxes, each followed by a version number: "Version 1.0", "Version 2.0", and "Version 3.0". At the bottom of the form, there are two buttons: "Save" (in blue) and "Cancel" (in grey).

## 4.3 The Third Register ‘Legal’

The third register shows the necessary fields for the legal statements about the release. It starts with the license for the release. It is possible to check more than one license for a release. This declaration need to be in accordance with the license declaration inside the add-on release (if there is one).

## Add Add-on Release

An Add-on Release

Default
Compatibility
Legal
Fileupload
Further File Uploads
Further more file uploads
Ownership
Dates
Categorization

**License of the uploaded file** • Please mark one or more licenses you publish your release.

- GNU-GPL-v2 (GNU General Public License Version 2)
- GNU-GPL-v3+ (General Public License Version 3 and later)
- LGPL-v2.1 (GNU Lesser General Public License Version 2.1)
- LGPL-v3+ (GNU Lesser General Public License Version 3 and later)
- BSD (BSD License (revised))
- MPL-v1.1 (Mozilla Public License Version 1.1)
- MPL-v2.0+ (Mozilla Public License Version 2.0 or later)
- CC-by-sa-v3 (Creative Commons Attribution-ShareAlike 3.0)
- CC-BY-SA-v4 (Creative Commons Attribution-ShareAlike 4.0 International)
- AL-v2 (Apache License Version 2.0)

**Legal Disclaimer and Limitations**

Fill in the legal disclaimer, that had to be accepted by the project owner.

**Accept the above legal disclaimer** • Please declare that you accept the above legal disclaimer

**Is the source code inside the add-on?** •

Please fill in the Link (URL) to the Source Code

Save
Cancel

There is also a read-only form field which contains the text of the legal disclaimer that has to be accepted by the add-on release owner. The text of the legal disclaimer will be set by the site admin inside the 'Add-on Center'.

If the source code is not inside the add-on release (the drop down field is set to 'No'), it is necessary to fill in the link to the source code in the form field at the bottom of the register. If such a link will not be submitted the release owner gets an error message.

### 4.4 The Fourth Register 'Fileupload'

This register is the place to upload the add-on release file and declare which platform it is compatible with.

## Add Add-on Release

An Add-on Release

Default	Compatibility	Legal	<b>Fileupload</b>	Further File Uploads	Further more file uploads	Ownership	Dates	Categorization
---------	---------------	-------	-------------------	----------------------	---------------------------	-----------	-------	----------------

The following file extensions are allowed for uploaded files (upper case and lower case and mix of both):  
txt

The first file you want to upload. • Please upload your file.  
 No file selected.

First uploaded file is compatible with the Platform(s) • Please mark one or more platforms with which the uploaded file is compatible.

- All platforms
- Linux
- Linux-x64
- Mac OS X
- Windows
- BSD
- UNIX (other)

**Further File Uploads for this Release** *If you want to upload more files for this release, e.g. because there are files for other operating systems, you'll find the upload fields on the register 'Further Uploads' and 'Further More Uploads'.*

If there are versions of the add-on release for different platforms (e.g. one for MS Windows and another one for Linux only) this further release files could be uploaded using the following register.

The list of platforms in the listing below the the upload field will be created by the site admin inside the 'Add-on Center'. She / he is able to expand this list at any time if desired.



## ADD A NEW LINKED RELEASE TO AN ADD-ON PROJECT

Linked releases put the add-on project owner into the position to host release files on external resources, e.g. his own webspace or another website. Whilst the owner is logged-in to the Plone site there is a link at the top of an add-on project page. Once he clicked on this link (see screenshot below) he got an edit form to enter the content of the new linked release.



The owner could alternatively make a mouse click on the menu entry 'Add new' in the menu bar on the left side and choose from the opening sub menu the entry 'Add-On Linked Release' (see the small red arrow in the screenshot above).

The form dialog consists of several registers. The form fields in the first register ask for more general information about the release. It's possible to edit and change the content of the fields later, if there is something missing or there are e.g. typos, which should be fixed.

### 5.1 The First Register 'Default'

The new add-on linked release needs its own release number. This number (up to twelve characters) will be part of the linked release title and its URL. The title will be created from the add-on project title and the linked release number. This title has to be unique inside the Plone site. If the linked release number is already in use, the editor will get an error message about it.



A new linked release needs also a summary and could get a full release description with details about its features. The latter one is optional (only form fields with a red point behind the title are mandatory).

There is also an optional field to add changelog information, especially if the add-on linked release adds some new features or fix some issues.

The field for the email address will be initialized with the email address from the add-on project the linked release was added to.

## 5.2 The Second Register ‘Compatibility’

This register contains a form field to choose the versions of the program the linked release is compatible with. The list of program versions will be created by the site admin within the ‘Add-on Center’. It is possible to choose multiple program versions for the release compatibility.

### Add Add-on Linked Release

An Add-on Linked Release

Default Compatibility Legal Linked File Second linked file Third linked file Fourth linked file Fifth linked file Sixth linked file

Ownership Dates Categorization

**Compatible with the versions of the product** • Please mark one or more program versions with which this release is compatible with.

Version 1.0

Version 2.0

Version 3.0

Save Cancel

## 5.3 The Third Register ‘Legal’

The third register shows the necessary fields for the legal statements about the linked release. It starts with the license for the linked release. It is possible to check more than one license for a linked release. This declaration need to be in accordance with the license declaration inside the add-on linked release (if there is one).



## Add Add-on Linked Release

An Add-on Linked Release

Default
Compatibility
Legal
Linked File
Second linked file
Third linked file
Fourth linked file
Fifth linked file
Sixth linked file

Ownership
Dates
Categorization

The following file extensions are allowed for linked files (upper case and lower case and mix of both):  
 oxt

The Link to the file of the release • Please insert a link to your add-on file.

The size of the external hosted file Please fill in the size in kilobyte of the external hosted file (e.g. 633, if the size is 633 kb)

First linked file is compatible with the Platform(s) • Please mark one or more platforms with which the uploaded file is compatible.

- All platforms
- Linux
- Linux-x64
- Mac OS X
- Windows
- BSD
- UNIX (other)

Further linked files for this Release If you want to link more files for this release, e.g. because there are files for other operating systems, you'll find the fields to link this files on the next registers, e.g. 'Second linked file' for this Release'.

Save
Cancel

If there are versions of the add-on linked release for different platforms (e.g. one for MS Windows and another one for Linux only) this further linked release files could be linked using the following register.

The list of platforms in the listing below the the upload field will be created by the site admin inside the 'Add-on Center'. She / he is able to expand this list at any time if desired.

Because a linked release is not uploaded to the Plone website it is not possible for Plone to calculate the size of the add-on linked release file. Thus there is a form field to submit this size of the file. This information will be displayed in the website next to the download link for the linked release file.

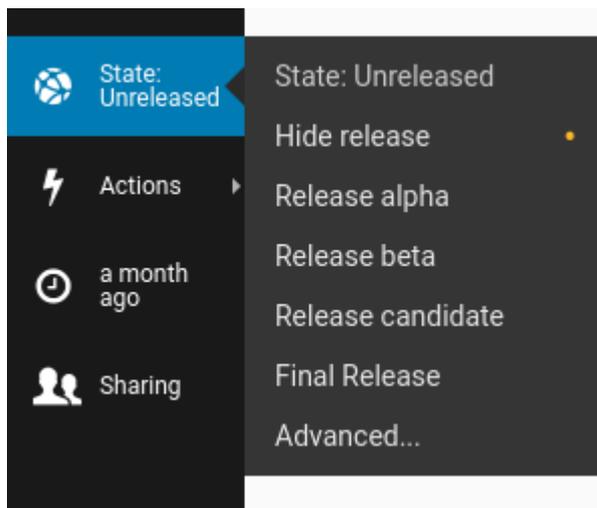


## RELEASE AN ADD-ON RELEASE OR A LINKED ADD-ON RELEASE

Once you have filled in all required data into the form of a new add-on release or linked add-on release and saved the form, you have to decide if and with which state you want to publish the add-on release.

The release is in the default state at that time. This means its workflow state is 'Unreleased'. You could choose another state from the listing in the menubar on the left side (see screenshot below). Click on the appropriate entry in this menubar and you get a listing with the available further workflow state (drop down menu):

- Release alpha → Alpha Release
- Release beta → Beta Release
- Release candidate
- Final Release.



If an add-on release or linked add-on release should not be public available anymore, it could be hidden. Therefore you choose 'Hide release' from the entries in the listing in the menu entry (drop down menu).

In case a release got the state 'hidden' the owner could later decide to 'unhide' it. Therefore she / he make a mouse click on the entry 'Hidden' in the menubar on the left side and choose the entry 'Unhide release'. The (linked) add-on release will get the state 'Unreleased' again and it is possible to publish it in one of the workflow states again, which are listed above.



## PUBLISH AN ADD-ON PROJECT

Once the project owner added an add-on release or a linked add-on release to her / his project and released it she / he could return back to the add-on project page and submit the project for publication.

The project owner could do this within the menubar on the left side. She / he had to click on the menu entry 'Private' and then click on the entry 'Submit for publication' in the opening drop down menu. The menu entry will change from 'Private' to 'Pending'.

The project owner will get an email with an information about this change of the workflow change. A corresponding email will be sent to the administrator or a configured email address for this task (configured inside the 'Add-on Center').

The project has been forwarded into the review queue of the 'Add-on Center'. Once the administrator, site-administrator or a reviewer changed the workflow state again, e.g. published the project, the project owner will get a further email with this new state.



## MESSAGING

The collective.addons Plone add-on use some of the Plone messaging implementations to create messages to the site admin, reviewers and the owner / creator of add-ons.

### 8.1 Messages To The Site-Administrator / Administrator

- The site-administrator / administrator get an e-mail once a new add-on project have been added to the add-on center.
- If the project owner submit her / his project for publication, the site-administrator / administrator get an e-mail about this event.
- Once the text of a published project change the site-administrator / administrator will get an e-mail with the complete text of the project summary and its description. Thus he get an information, if the text of the project changes into a direction that has not been reviewed.

If the form field 'contactForCenter' in the add-on center contains an e-mail address the above messages will be send to this address. Otherwise the e-mail goes to the e-mail address of the Plone site.

### 8.2 Messages To The Project Owner

- Once a workflow status of his project(s) change the project owner will get an message (e-mail) which inform her / him about this new status.
- The project owner will get an e-mail once an add-on release or a linked add-on release have been added to her / his project(s).
- Once the site-administrator / administrator of the Plone site adds a new product version to the form field 'Available Versions' the owner of a project will get an e-mail to inform her / him about this event. The message ask the owner to update the versions list of the (linked) releases of his project(s).

### 8.3 Messages To A Possible Information Hub Of Add-on Releases

It is possible to create a hub outside of the Plone site, that drives the add-ons center, which could get an e-mail for every new published add-on (linked) release. This e-mail could be parsed and used to inform the user of the product about new (linked) releases from inside the product.