
eZ Multiupload Extension

Documentation

version 1.0

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1. Introduction

Uploading multiple files at once in eZ Publish was previously only available via WebDAV. The eZ Multiupload extension enables users to upload multiple files via the front-end of an eZ Publish website. This means that if users can log in to the site, with the proper access permissions they can also use the features of the eZ Multiupload extension. As a result, users can, for example, upload pictures to a gallery or upload documents to an intranet. When used together with the eZODF extension, users can import multiple OpenDocument Text or Word Documents as article objects at once.

The Multiupload interface can be made accessible via a button on the Website Toolbar, integrating seamlessly with sites that use eZ Flow or the Website Interface. The button can also be inserted into any template.

1.1. Target audience

This manual describes how to install, configure, and use the eZ Multiupload extension. It is intended for anyone working with this extension, focusing on sites that use the Website Toolbar, especially sites with eZ Flow or the Website Interface. For information on how to use eZ Flow or the Website Interface, refer to the appropriate extension documentation at <http://ez.no/doc/extensions>.

1.2. Conventions

- Code samples, functions, variable names, and so on are printed in `monospace font`.
- Filenames and paths are printed in *monospace italic font*.
- Commands are printed in **monospace bold font**.
- Elements of graphical user interfaces (such as buttons and field labels) are printed in **bold font**.
- Component names (such as an application) are capitalized, for example “Administration Interface”.
- In sample URLs, replace “example.com” with the domain name of your site.
- The screenshots in this document might have been modified to fit the page or to illustrate a point, and therefore might not exactly match the display on your site.

1.3. More resources

For assistance with the eZ Multiupload extension or eZ Publish, refer to the following resources:

- **eZ Publish documentation:** eZ Multiupload is an extension to eZ Publish. Documentation for shared features is not reproduced in these manuals. Instead, where appropriate, there are links in this document to the online versions of the eZ Publish documentation, located at <http://www.ez.no/doc>.
- **eZ Publish forums:** The forums on the eZ Systems website are a valuable community-driven resource, where eZ Publish users provide assistance and support to each other. Accessing the forums is free. The forums are located at <http://ez.no/community/forum>.



- **Support from eZ Partners:** eZ's global network of partners provide professional assistance for all eZ products. To find a partner, contact sales@ez.no.
- **Other eZ solutions:** For information about other solutions provided by eZ Systems, refer to <http://ez.no/products/solutions>.
- **Training and certification:** eZ Systems and eZ Partners offer training courses and certifications for eZ Publish. Contact sales@ez.no or visit <http://ez.no/services/training> for more information.

The eZ Multiupload extension uses the [Yahoo! UI Library: Uploader](#). This is a Flash and Ajax based system for handling multiple file uploads.

1.4. Contacting eZ

For non-technical questions regarding eZ Multiupload, eZ Publish or eZ Systems, please contact us:

- <http://ez.no/company/contact>
- info@ez.no

We welcome your suggestions and comments on this manual. Please write to team-knowprod@ez.no.

1.5. Copyright and trademarks

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2. Requirements

There are no specific server requirements for this extension. However, it needs other extensions or eZ Publish requirements, depending on your intended usage. For example, if you wish to import multiple OpenDocument Text or Microsoft Word documents as article objects (instead of just file objects), you must have a working eZ Open Document Format extension.

End users of the extension must have Adobe Flash Player 9.0.45 or higher installed.

3. Installation

Follow the procedure below to install the eZ Multiupload extension and integrate it with the Website Toolbar:

1. Extract the *ezmultiupload* folder to the *extension* folder.



2. Enable the extension in `site.ini.append.php`
[ExtensionSettings]
ActiveExtensions[]=ezmultiupload

Alternatively, activate it in the Administration Interface. First, click the **Extensions** link in the **Setup** tab. Then, mark the checkbox corresponding to the “ezmultiupload” entry and click the **Apply changes** button.

3. Edit the template for the Website Toolbar to include the code for the **Multiupload** button. The procedure is similar if you want to include the **Multiupload** button in other templates.

The Website Toolbar template is typically found at
`extension/ezwebin/design/ezwebin/templates/parts/website_toolbar.tpl` or
`extension/ezflow/design/ezflow/templates/parts/website_toolbar.tpl`

Add the following line above `<div id='ezwt-help'>`, before the previous closing `</form>` and `</div>` tags.

```
{include  
uri='design:ezmultiupload/ezmultiupload_ezwt_upload.tpl'}
```

For example:

```
<input type="hidden" name="ContentObjectLanguageCode"  
value="{ $content_object_language_code }" />  
{include  
uri='design:ezmultiupload/ezmultiupload_ezwt_upload.tpl'}  
</form>  
</div>
```

```
<div id="ezwt-help">
```

4. Grant access to the “ezmultiupload” module for the users and user groups who will need to use the eZ Multiupload functionality.
5. Clear the cache. See the documentation at http://ez.no/doc/extensions/online_editor/4_x/installation#clear_caches for an example on how to clear the cache.

3.1. Configuration

In `ezmultiupload.ini.append.php`, you can configure which file types can be uploaded per class and per subtree node.

The default settings are as follows:



```
<?php /*

[MultiUploadSettings]
AvailableClasses[]
AvailableClasses[]=folder
AvailableClasses[]=gallery

AvailableSubtreeNode[]

[FileTypeSettings_folder]
FileType[]
FileType[]=*.odt
FileType[]=*.flv

[FileTypeSettings_gallery]
FileType[]
FileType[]=*.jpg
FileType[]=*.png
FileType[]=*.gif
*/ ?>
```

The `AvailableClasses[]` array defines the classes (using the class identifiers) for which the multi-upload feature will be available.

The corresponding `FileType[]` array under the `[FileTypeSettings_identifier]` block (replacing “identifier” with the class identifier) specifies which file types can be uploaded beneath nodes of objects of those classes.

Therefore, with the default settings, users can upload `.odt` and `.flv` files beneath Folder nodes, and `.jpg`, `.png` and `.gif` files beneath Gallery nodes.

You can also use the `AvailableSubtreeNode[]` array and corresponding `[FileTypeSettings_node_id]` blocks (replacing “node_id” with the Node ID) to define specific nodes under which the multi-upload feature will be available.

Below is an example using the `AvailableSubtreeNode[]` array to specify that `.jpg`, `.png` and `.gif` files can be uploaded beneath the node with an ID of 69:

```
[MultiUploadSettings]
AvailableSubtreeNode[]=69

[FileTypeSettings_69]
FileType[]
FileType[]=*.jpg
FileType[]=*.png
FileType[]=*.gif
```

When a node matches both the `AvailableSubtreeNode[]` and `AvailableClasses[]` values, eZ Publish uses the settings specified for `AvailableSubtreeNode[]`.



4. Uploading

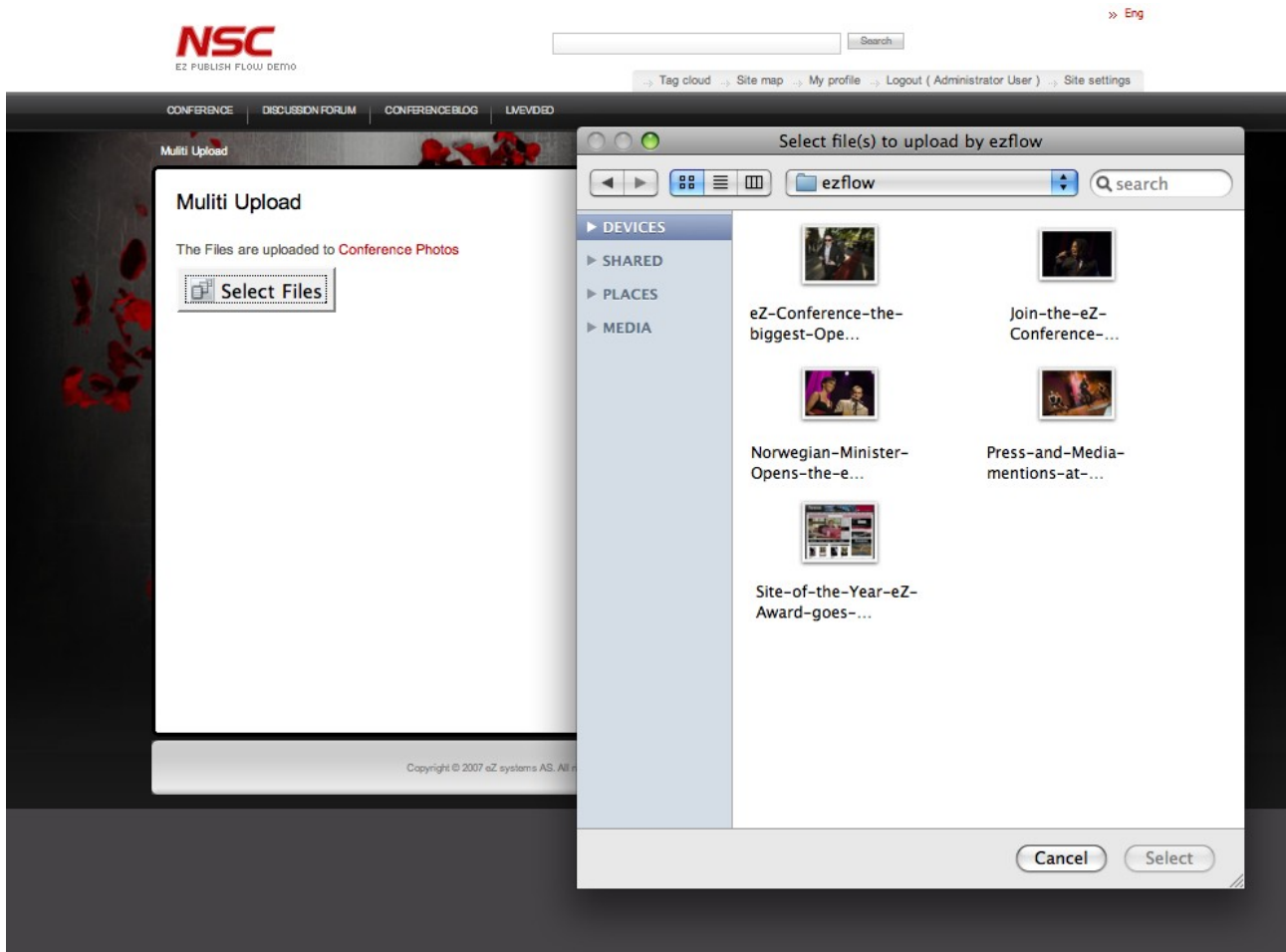
When a user logs in to the front-end of the site and browses to a node that has been configured (as previously described) for the eZ Multiupload extension, the **Multiupload** button will be available on the Website Toolbar:



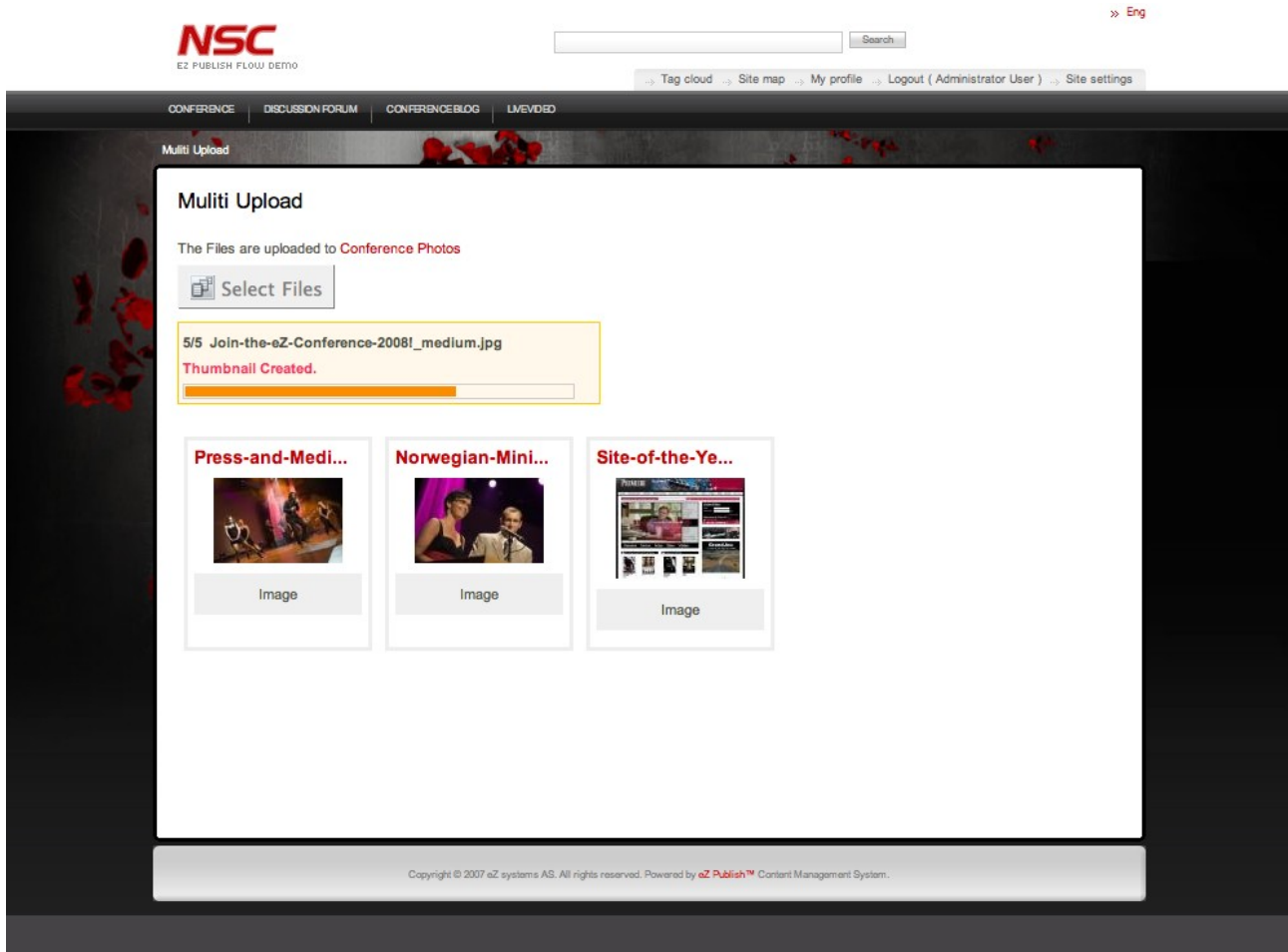
When **the Multiupload** button is clicked, the Multiupload interface is loaded where you can upload files to create objects beneath the current node. Note that the user or user group must have been granted permission to the “ezmultiupload” module.

In the example below, we have clicked the **Multiupload** button for an existing gallery. Click the **Select Files** button to open a modal dialog to select the files from your local file system to upload. From there, you can select multiple files to upload. The procedure to select multiple files will depend on your browser and operating system, but the usual procedure is to click the first file, then CTRL + click the subsequent files. Only files that have been configured to be allowed to be uploaded will be selectable.

Note that you can only upload multiple files from the same folder on your local file system. Therefore, you must repeat the upload operation to upload multiple files from different folders.

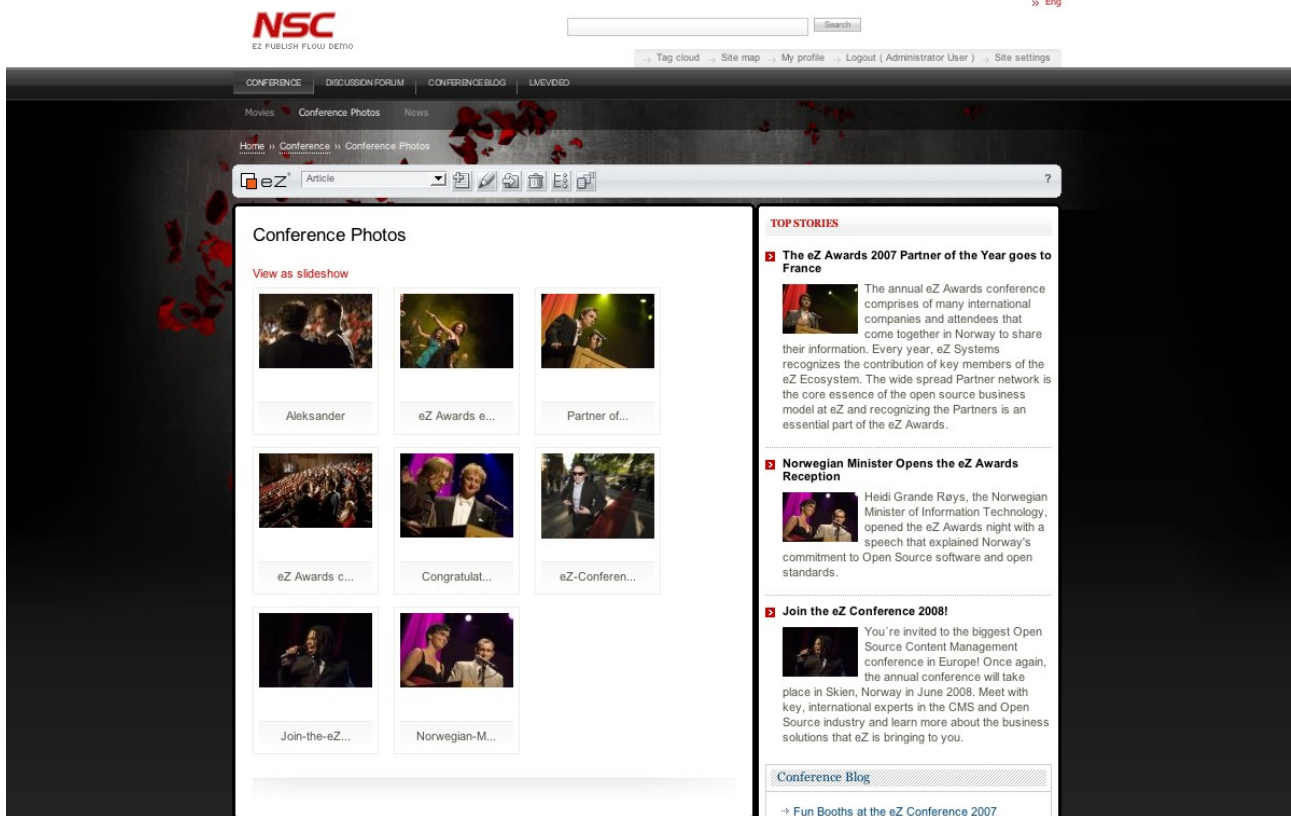


Once you have selected the files to upload, click the **Select** button. The upload and import process will begin immediately. There is a status bar indicating the progress of the upload.



When the file uploads are complete, the newly created objects will be displayed on the page. For example, *.jpg* files are created as Image objects. Click on the corresponding thumbnail to view an object, or click the **Select Files** button to upload more files.

When you return to the gallery page, you can see that the gallery contains the newly uploaded images.



Uploaded files are handled according to the file upload settings, which are the same as are used when uploading files via WebDAV. For example, if the eZODF extension is configured, you can import `.odt` files to create multiple article objects at the same time. Also, the titles of the created objects are derived from the names of the uploaded files. See the eZODF extension documentation at <http://ez.no/doc/extensions> and the `upload.ini` configuration file for more information.