

Intro

This document briefly introduces the eZ Multiupload extension and explains how to install it and how to set it up.

Feature Description

Today in eZ Publish, there is no possibility to upload multiple files at the same time without using WebDav. WebDav has some drawbacks: handle differently on different platforms, limited control with user feedback, have to use a 3rd party desktop application.

The concept is to create new functionality that enables direct upload of multiple files at the same time. Use case is: uploading of pictures to gallery, uploading documents to an intranet or publishing multiple OpenDocument/Word articles with one click.

Implementation Details

This extension uses Yahoo! UI Library: Uploader <<http://developer.yahoo.com/yui/uploader/>>. This is a flash, Ajax based upload system for handling multiple file uploads.

Requirements

1. Adobe Flash Player version 9.0.45 or higher is required.
2. eZ Publish 4.1 or higher is required for ezmultiupload extension due to enhancements implemented in eZSession class.

NOTE: This extension can work with eZ Publish 4.0.x series, however uploading from administration interface is not supported, eZ Publish 4.1 or higher is officially supported version.

Installation

1. Extract the ezmultiupload archive to the extension folder.
2. Enable ezmultiupload 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. Grant access to the “ezmultiupload” module for the users and user groups who will need to use the eZ Multiupload functionality.
4. Update autoload array by executing following command from eZ Publish root:

```
$ php bin/php/ezpgenerateautoloads.php -e
```

NOTE: Update script require eZ Components.

5. Upload interface is accessible by pointing your web browser to /ezmultiupload/upload/NODE_ID. For example:
<http://www.example.com/ezmultiupload/upload/2> or by including a following template

parts/websitetoolbar/ezmultiupload.tpl {include uri='design:parts/websitetoolbar/ezmultiupload.tpl'} in website toolbar template. ezmultiupload icon will appear automatically in ezwebin 1.4/ezflow 1.1 and higher website toolbar.

6. Clear the cache

Setting file “ezmultiupload.ini.append.php”

In ezmultiupload.ini.append.php, you can set up available file types for uploading per class or/and subtree node.

The default settings are as following.

```
<?php /*

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

AvailableSubtreeNode[]

MultiuploadHandlers[]

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

[FileTypeSettings_gallery]
FileType[]
FileType[]=*.jpg
FileType[]=*.png
FileType[]=*.gif

*/ ?>
```

"AvailableClasses[]=folder" and "[FileTypeSettings_folder]" is a pre-defined set. Therefore, with the default setting, the node created by “Folder Class” can upload only ".odt file", ".flv file", ".xap file" and the ".doc file".

Here is an example of using AvailableSubtreeNode.

```
<?php /*

[MultiUploadSettings]
AvailableSubtreeNode[]=69

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

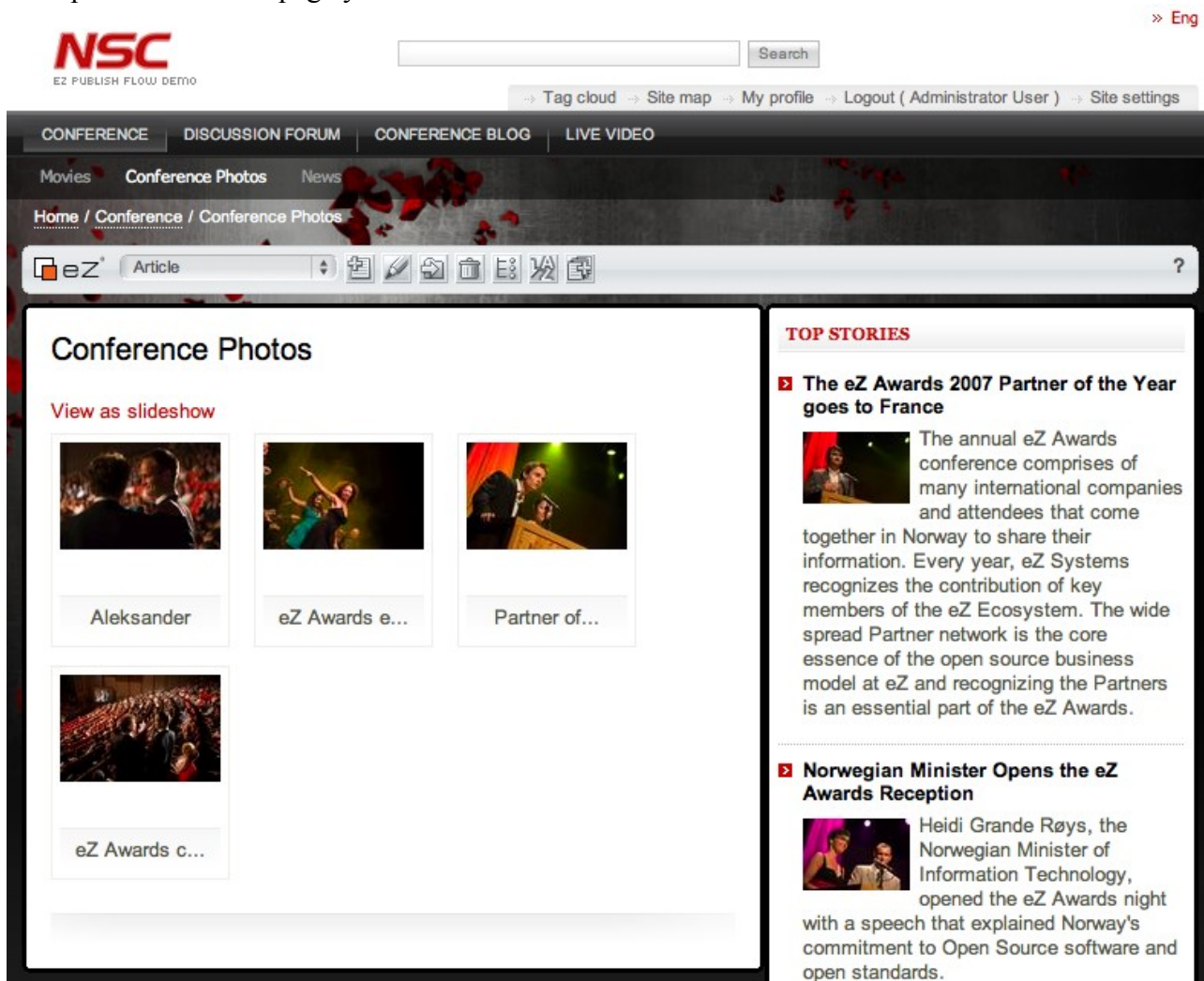
*/ ?>
```

"AvailableSubtreeNode[]=69" and "[FileTypeSettings_69]" becomes a pre-defined set. Therefore, the node (node_id=69) can now upload ".jpg file", ".png file" and ".gif file".

The Filetype settings can use the regular expression.

How It Works

Once you install eZ Multiupload on eZ Publish and go through the simple set up, you see eZ Multiupload icon on Website Toolbar. By clicking the icon, the file uploading page opens and you can upload files to the page you are located.



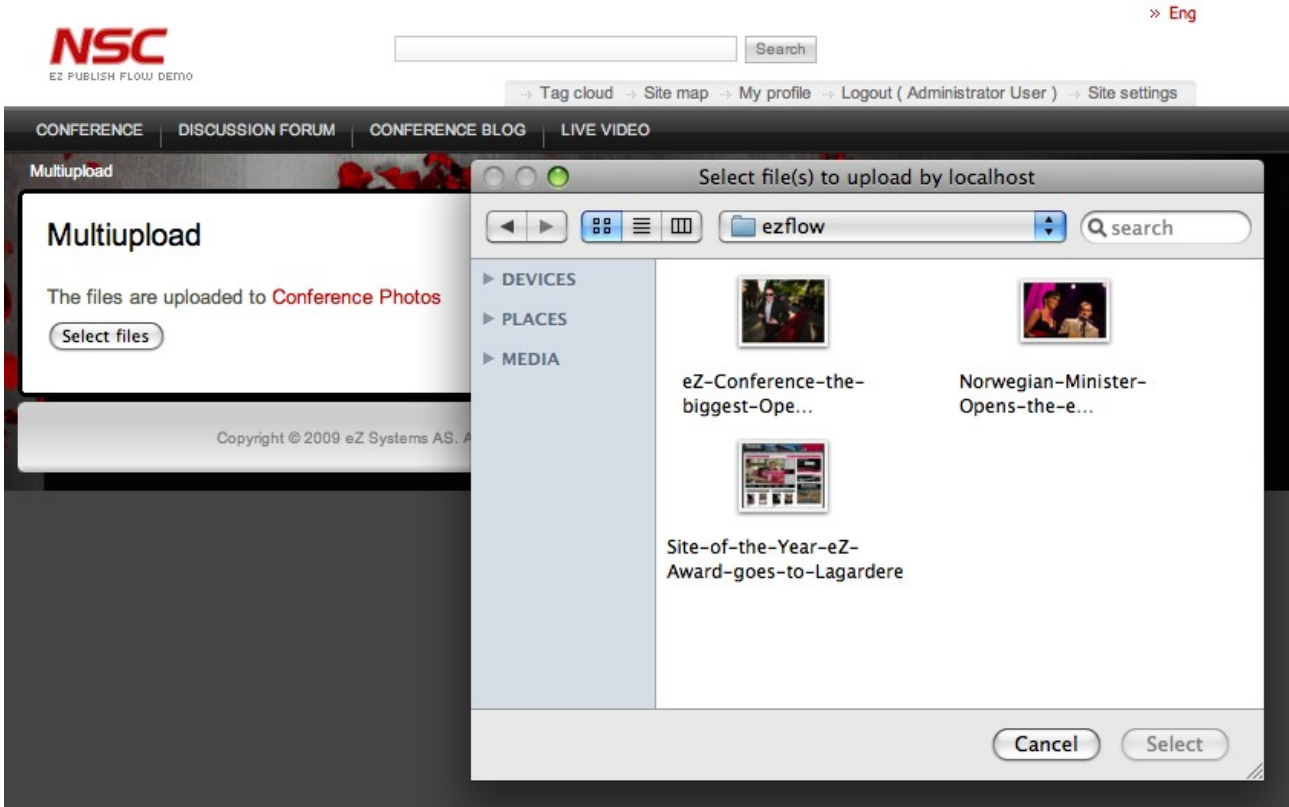
The screenshot displays the eZ Publish website interface. At the top, there is a search bar and navigation links for "Tag cloud", "Site map", "My profile", "Logout (Administrator User)", and "Site settings". The main navigation menu includes "CONFERENCE", "DISCUSSION FORUM", "CONFERENCE BLOG", and "LIVE VIDEO". The current page is "Conference Photos", with a breadcrumb trail: "Home / Conference / Conference Photos".

The main content area features a gallery titled "Conference Photos" with a "View as slideshow" link. The gallery contains four photo thumbnails with captions: "Aleksander", "eZ Awards e...", "Partner of...", and "eZ Awards c...".

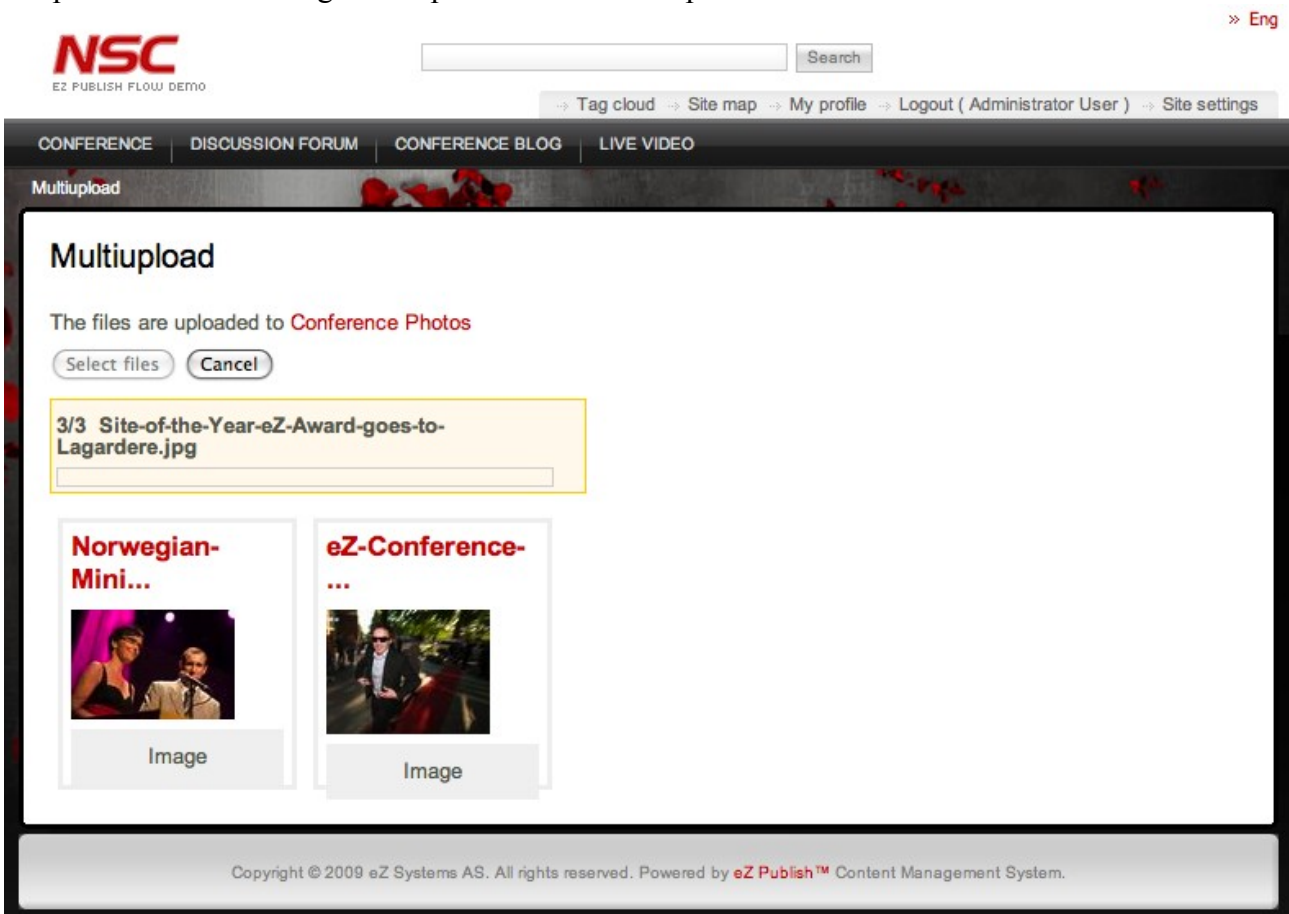
The right sidebar, titled "TOP STORIES", contains two news items:

- The eZ Awards 2007 Partner of the Year goes to France**
The annual eZ Awards conference comprises of many international companies and attendees that come together in Norway to share their information. Every year, eZ Systems recognizes the contribution of key members of the eZ Ecosystem. The wide spread Partner network is the core essence of the open source business model at eZ and recognizing the Partners is an essential part of the eZ Awards.
- Norwegian Minister Opens the eZ Awards Reception**
Heidi Grande Røys, the Norwegian Minister of Information Technology, opened the eZ Awards night with a speech that explained Norway's commitment to Open Source software and open standards.

Here, you see the example of adding pictures to the existing gallery by using the extension.



By clicking the eZ Multiupload icon, uploading file page opens and there you can select the pictures to upload. It can be a single file upload or multi file upload.



Once you select files to upload, click on “Select” and the upload starts automatically. When the file upload is completed, you will see the uploaded files displayed on the page.

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The screenshot shows the eZ Publish Flow Demo website interface. At the top left is the NSC logo with the text "E2 PUBLISH FLOW DEMO". A search bar is located at the top center. Navigation links include "Tag cloud", "Site map", "My profile", "Logout (Administrator User)", and "Site settings". A secondary navigation bar contains "CONFERENCE", "DISCUSSION FORUM", "CONFERENCE BLOG", and "LIVE VIDEO". Below this, there are links for "Movies", "Conference Photos", and "News". The breadcrumb trail reads "Home / Conference / Conference Photos". A toolbar with various icons is visible above the main content area.

The main content area is titled "Conference Photos" and includes a "View as slideshow" link. It displays a grid of photo thumbnails with captions: "Aleksander", "eZ Awards e...", "Partner of...", "eZ Awards c...", "Norwegian-M...", "eZ-Conferen...", and "Site-of-the...".

The right sidebar is titled "TOP STORIES" and contains three items:

- The eZ Awards 2007 Partner of the Year goes to France**
The annual eZ Awards conference comprises of many international companies and attendees that come together in Norway to share their information. Every year, eZ Systems recognizes the contribution of key members of the eZ Ecosystem. The wide spread Partner network is the core essence of the open source business model at eZ and recognizing the Partners is an essential part of the eZ Awards.
- Norwegian Minister Opens the eZ Awards Reception**
Heidi Grande Røys, the Norwegian Minister of Information Technology, opened the eZ Awards night with a speech that explained Norway's commitment to Open Source software and open standards.
- Join the eZ Conference 2008!**
You're invited to the biggest Open Source Content

When you go back to the Gallery page, you see all the pictures are now added.