

# eZ publish OpenOffice.org extension

## *Documentation*

The eZ publish OpenOffice.org extension is an integration between eZ publish 3.5.x and OpenOffice.org Writer documents. It supports both import and export of OpenOffice.org Writer documents.

## Requirements

To get this extension up and running you need to have eZ publish 3.5. or later installed.

You also need either to have the zlib extension enabled in your PHP version or you need to have the command line versions of 'zip' and 'unzip' available on your operating system. This is needed to create and unpack the zip files which makes up the OpenOffice.org documents.

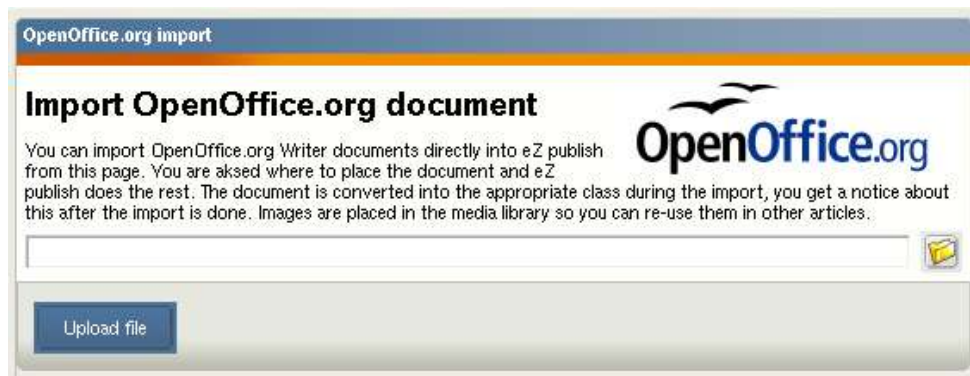
## Install extension

Unpack the tar.gz archive and place the oo folder under the extension folder in eZ publish, normally "extension". Then go to the setup tab in eZ publish and enable the oo extension under the Setup->Extensions menu.

## Import

To import OpenOffice.org Writer documents into eZ publish you need to access the URL `example.com/index.php/oo/import`. Replace the `example.com/index.php` part with the correct URL for the administration interface of your eZ publish site.

When accessing the `/oo/import` URL in your eZ publish the screen shown below is shown. Here you browser for the .sxw file you would like to import followed by clicking the "Upload file" button.

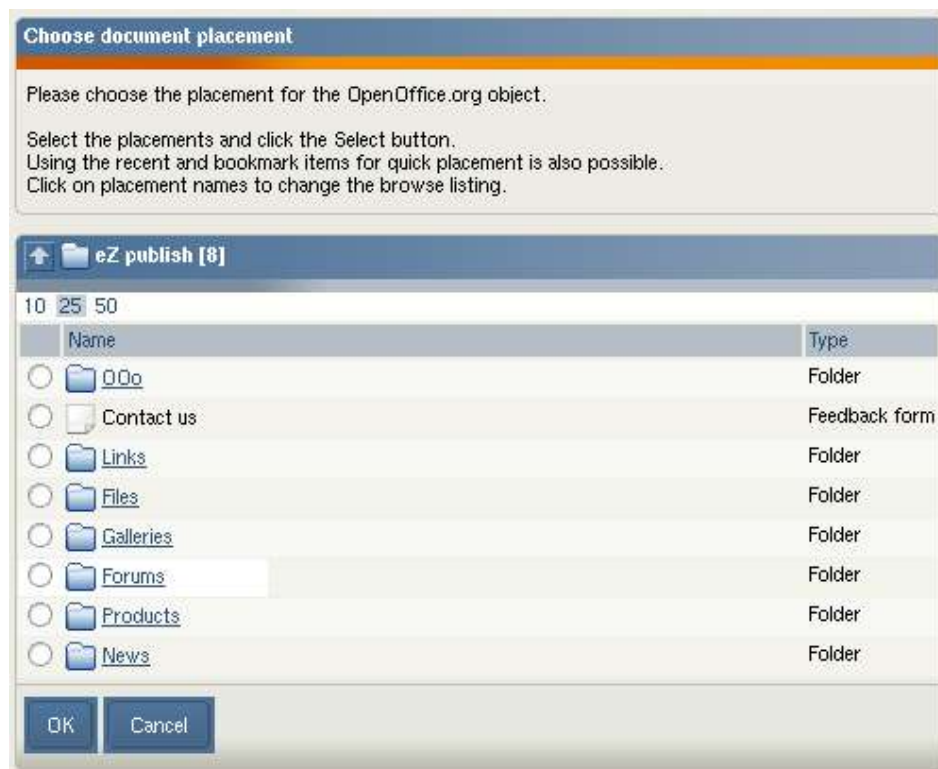


**OpenOffice.org import**

### Import OpenOffice.org document

You can import OpenOffice.org Writer documents directly into eZ publish from this page. You are asked where to place the document and eZ publish does the rest. The document is converted into the appropriate class during the import, you get a notice about this after the import is done. Images are placed in the media library so you can re-use them in other articles.

After selecting the file to import you need to select where the file should be imported to. You are then presented the standard eZ publish browse window as shown below. Select the folder you wish to import your file to and click “Ok”. If you want to cancel the import simply press “Cancel”.



**Choose document placement**

Please choose the placement for the OpenOffice.org object.

Select the placements and click the Select button.  
Using the recent and bookmark items for quick placement is also possible.  
Click on placement names to change the browse listing.

↑ eZ publish [8]

10 25 50

Name	Type
<input type="radio"/> OOo	Folder
<input type="radio"/> Contact us	Feedback form
<input type="radio"/> Links	Folder
<input type="radio"/> Files	Folder
<input type="radio"/> Galleries	Folder
<input type="radio"/> Forums	Folder
<input type="radio"/> Products	Folder
<input type="radio"/> News	Folder

If the import is successful the screen below is shown. Here you get a link to



the imported object and a link to import more files.



### ***Configuring imported documents***

There are two possibilities of importing OOo Writer documents into eZ publish. The first is to use a standard OOo document which imports into the default eZ publish content class in eZ publish. Here the title of the object is set from the filename and the actual contents of the document is stored in the attribute defined in oo.ini.

See the settings below for configuration example where documents are imported as articles and the title is stored in the title attribute and the document contents in the body attribute.

```
[OOImport]
DefaultImportClass=article
DefaultImportTitleAttribute=title
DefaultImportBodyAttribute=body
```

You have the possibility of defining several different types of content in eZ publish. You can define sections in OpenOffice.org Writer documents which can map to eZ publish attributes. E.g. you can define a section in OOo for title, introduction and body and this can be imported automatically to an article while another document is imported as a product.

This is configured in oo.ini. See the examples for sample documents in the examples folder for this extension.

There are some documents under examples/ in the oo extension which you can use to test the import to eZ publish.

### ***Supported datatypes***

When importing OpenOffice.org Writer documents there are some limitation on the datatypes it can import content to. Currently the following datatypes are supported:

- Text line
- Text fields
- XML Text

### ***Supported formatting***

When importing text into XML Text fields the following formatting is supported:

- Normal text
- Bold and italic text span
- Text links
- Numbered and un-numbered lists (one level)
- Headers (multiple levels)
- Tables (without collapsed rows or columns)
- Embedded images
  - Alignment and size are supported
  - Image captions are not supported

## **Export**

Any content object in eZ publish can be exported to OpenOffice.org Writer documents. There are however some limitations on the datatypes supported.

### ***Supported datatypes***

The following datatypes are currently supported:

- Text line
- Text field
- XML Text field

### ***Supported formatting***

When exporting XML Text fields the following formatting is currently supported.

- Normal text
- Text links
- Headers
- Numbered/un-numbered lists
- Tables (without collapsed rows or columns)
- Embedded Images

### ***Exporting***

To do the actual object export you need to access the URL /oo/export in your eZ publish installation. The initial export screen is shown in the screenshot below.

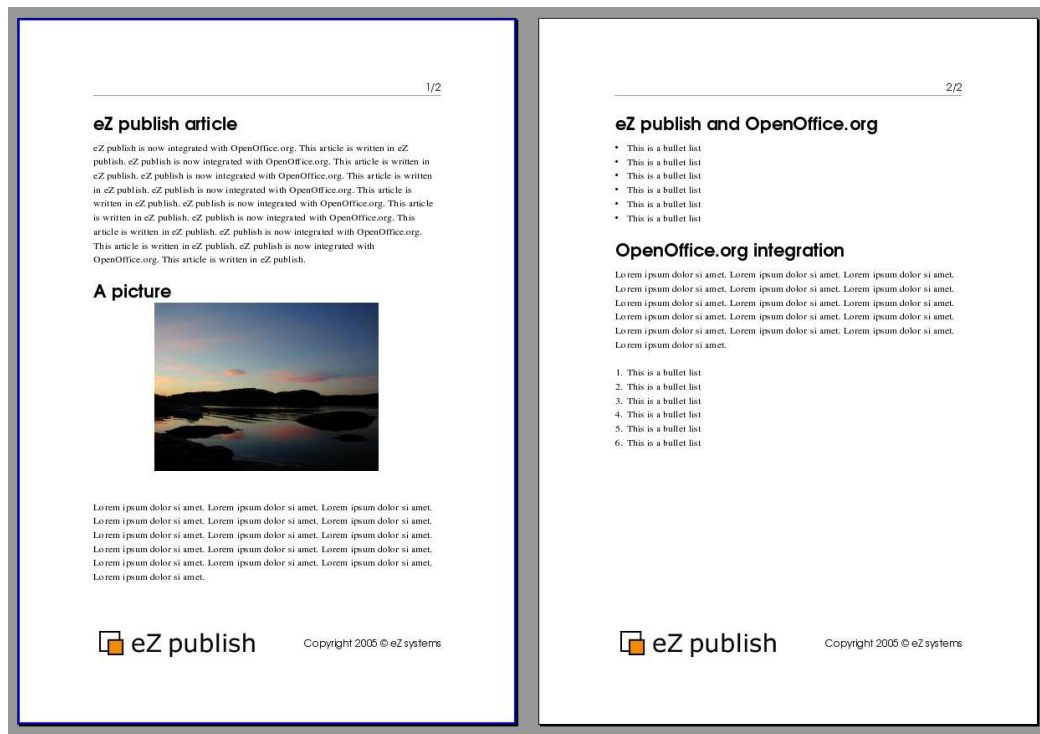


Click the export object button to proceed to the browse screen shown below. Here you navigate and select the object you want to export. Note: Currently only one object is supported for export, sub objects are not included in the export.

After selecting the object for export and clicking on the "Ok" button eZ publish



will start the actual export. The document is served via the browser, you can choose to either download the document or open it directly in OpenOffice.org Writer (if properly installed on your computer). The screenshot below shows a preview of an exported object via eZ publish. Notice the headers and footers, these are defined in standard OpenOffice.org Writer templates.



## Export templates

You can make eZ publish export OpenOffice.org Writer documents using either the default OpenOffice.org styles or you can use an existing OpenOffice.org Writer template file. This is configured in the oo.ini file. Set UseTemplate to true to enable the export using templates. The actual template used needs to be placed under the extension/oo/templates/. The name of the file is set with TemplateName. Both of these settings are under the OOExport section in the oo.ini file. Below you can see an example of this configuration.

```
[OOExport]
UseTemplate=true
TemplateName=eZtemplate.stw
```