

## eZ Publish Class Specification App

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This application aids in creating a specification for the content classes used on an eZ Publish web site. When used in conjunction with the extension nmcontentclass for eZ Publish, the specification generated by this tool can be imported into an eZ Publish installation, creating new classes and modifying existing ones accordingly.

### Installation

Follow the installation instructions in INSTALL.txt.

### User interface - input fields

The screenshot shows the user interface of the eZ Publish Class Specification App. It features several input fields and buttons. The fields are labeled: 'Site name', 'Class name', 'Identifier', 'Attributes', 'Name', 'Identifier', 'Datatype', and 'Required'. The buttons are labeled: 'Save', 'Create identifiers', 'Remove selected', 'Clear all', 'Export', 'Import', and 'Add'. The 'Attributes' section is expanded, showing a table with columns for 'Name', 'Identifier', 'Datatype', and 'Required'. The 'Datatype' field has a dropdown menu showing 'Text line'. The 'Required' field has a checkbox. The 'Add' button is next to the 'Required' field. Numbered callouts 1 through 7 point to specific fields: 1 points to 'Site name', 2 points to 'Class name', 3 points to 'Identifier', 4 points to 'Name', 5 points to 'Identifier', 6 points to 'Datatype', and 7 points to 'Required'.

When first entering the application, the user interface looks like this. Here are the various parts explained:

1. The name of the site. This is merely used as a reference for yourself, to see which site you're working on.
2. The name of a class. When you save your changes, a new, empty class block will be created.
3. The identifier of the class.
4. The name of the attribute. When you save your changes, a new, empty attribute will be added to the class.
5. The identifier of the attribute.
6. The datatype of the attribute.
7. Whether or not the attribute is required.

## User interface - actions

Site name  Save Create identifiers Remove selected Clear all Export Import

Class name  Identifier

Attributes

Name	Identifier	Datatype	Required
<input type="text"/>	<input type="text"/>	Text line	<input type="checkbox"/>

Add

1. Save the changes. Hitting the "Enter" key will accomplish the same thing, and is probably what you want to be doing on a regular basis.
2. Creates the missing identifiers for the classes and attributes. It's recommended that you leave all the identifier-fields empty, and then click on the "Create identifiers" button to allow the software to create the identifiers for you.
3. Removes the classes and/or attributes which have been checked.
4. Removes all classes and attributes.
5. Exports the class specification to a format which can be imported into an eZ Publish installation using the nmcontentclass extension.
6. Imports a previously generated export file.
7. Adds a new attribute. Hitting the "Enter" key will accomplish the same thing.

## How to use the software

Site name  ABC Company Save Create identifiers Remove selected Clear all Export Import

Class name  Product Identifier

Attributes

Name	Identifier	Datatype	Required
<input type="checkbox"/> Name	<input type="text"/>	Text line	<input type="checkbox"/>
<input type="checkbox"/> Product number	<input type="text"/>	Text line	<input type="checkbox"/>
<input type="checkbox"/> Short description	<input type="text"/>	Text line	<input type="checkbox"/>
<input type="checkbox"/> Description	<input type="text"/>	Text line	<input type="checkbox"/>
<input type="checkbox"/> Price	<input type="text"/>	Text line	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text"/>	Text line	<input type="checkbox"/>

Add

The software is built to allow you to quickly set up the classes and related attributes you need, for instance in a workshop setting, and then later fill in the details like identifiers, datatypes and whether or not an attribute should be required. To allow you to quickly add classes and attributes, the tab order of the input fields are set to jump from the class name to the first attribute name, and then later to the next attribute name. To add a new attribute, simply hit the "Enter" key after completing the name of the current attribute.

Try using the tool when brainstorming with your client or colleagues, and then export your "Draft" to complete at a later stage.

### **Additional datatypes**

When adding attributes, the software presents you with a list of the datatypes that come included with eZ Publish (as of v. 4.4). If you need to use custom datatypes, please specify these in the file settings/datatypes.php using the datatype's identifier and name.