

## Table of Contents

The Drupal module <code>taxon_taxonomy</code> .....	1
What is Taxon Classifier?.....	1
<code>taxon_taxonomy</code> .....	1
Current version.....	1
Sponsors.....	1
Installing the <code>taxon_taxonomy</code> .....	2
Setting up <code>taxon_taxonomy</code> .....	2

## The Drupal module `taxon_taxonomy`

### What is Taxon Classifier?

Taxon Classifier is an Open Source project to automatically classify a text according to a given taxonomy.

The resulting metadata can be used as tags on a web page, as metadata in a record management system, as keys in a mail distribution system and many other places.

### `taxon_taxonomy`

`taxon_taxonomy` is a Drupal 7 module that enables you to use the Taxon Classifier classification system.

It requires Taxon Classifier and Taxon Web service to be installed. See [www.taxon.dk](http://www.taxon.dk) for more information on Taxon Classifier.

### Current version

As of 8/11-2015 the version is 3.1.

This version is compatible with both Taxon Classifier 2.x and Taxon Classifier 3.x.

This version supports Taxon Classifier Cloud and Taxon Classifier Enterprise.

### Sponsors

The following changes were sponsored.

- Help texts:  
Syddjurs Kommune ([www.syddjurs.dk](http://www.syddjurs.dk)).
- Exclude classes from result:  
Syddjurs Kommune ([www.syddjurs.dk](http://www.syddjurs.dk)).
- Auto fill (on page load and save as well as hide Taxon Classifier part):  
Ishøj Kommune ([www.ishoj.dk](http://www.ishoj.dk)).
- Option to include breadcrumb in text for Taxon Classifier:  
Syddjurs Kommune ([www.syddjurs.dk](http://www.syddjurs.dk)).
- Threshold for weight and confidenceCoefficient as well as loop up functionality:  
Syddjurs Kommune ([www.syddjurs.dk](http://www.syddjurs.dk)).

## Installing the taxon\_taxonomy

Get the taxon\_taxonomy-X.y.tar.gz (X.y is the version) file from

[https://drupal.org/project/taxon\\_taxonomy](https://drupal.org/project/taxon_taxonomy).

Enter the module directory on your Drupal 7 installation and unpack the archive with

```
>> tar -zxvf taxon_taxonomy-X.y.tar.gz
```

Remember to enable the module under Modules.

## Setting up taxon\_taxonomy

Log in to Drupal and go to Configuration/Content Authoring/Taxon Taxonomy.

### The machine name of the taxonomy in Drupal

The machine name for the taxonomy in Drupal. The machine name can be found on /admin/structure/taxonomy/ clicking the 'edit vocabulary'.

### Lookup taxonomy for Taxon Classifier

Enter the full path and name of the lookup taxonomy you wish to use. The taxonomy must be installed on the Taxon Classifier system.

### TaxonHub API Key for Taxon Classifier Cloud

Enter your TaxonHub API Key in order to use Taxon Classifier Cloud or Taxon Classifier Enterprise.

### The URL for Taxon Classifier

Enter the URL for the Taxon Web service.

### The number of returned results

Enter the maximum number of results Taxon Classifier should return. 0 means all.

### The name of the taxonomy field

The name of the field in your administration form where the results from Taxon Classifier is added or

removed. Use # for ids, e.g. #taxonomy-tag-id and . for classes, e.g. .taxonomy-tag-class.

### The path to the selected image

taxon\_taxonomy uses some images. Enter the path to the Selected image.

### The path to the not-selected image

taxon\_taxonomy uses some images. Enter the path to the Not-selected image.

### **The path to the wait image**

taxon\_taxonomy uses some images. Enter the path to the Wait image. This is usually a GIF wait icon.

### **The path to the help image**

taxon\_taxonomy uses some images. Enter the path to the Help image. This is usually a PNG.

### **The text on the Taxon Classifier button**

Enter the text you want on the Taxon Classifier button. This can be in any language.

### **The text on the Taxon Classifier button while waiting**

Enter the text you want on the Taxon Classifier button while waiting for Taxon Classifier to return results. This can be in any language.

### **The id of the title field**

The id of the text field of the title including the #. If this is not empty the text in the Title is included in the text send to Taxon Classifier.

### **Include the breadcrumb**

The text of the breadcrumb is found and included in the text sent to Taxon Classifier. The breadcrumb text is calculated from the menu path of the 'Parent item' drop down box including all the menu item's parents and the 'Menu link title'.

### **The id of the text field**

The id of the text field including the #. This can be both the text field for CKEditor or any textfield, if you are not using CKEditor.

### **Using CKEditor**

Check this if you want to classify text from the CKEditor. CKEditor uses a special technique to handle the text. In order to get the modified text from CKEditor the system needs to know that you are using the CKEditor.

### **The path to the help texts**

taxon\_taxonomy can display help texts located on the web server. This is the path from the Drupal base. The help texts must be named as '<classID>.html' where classID is the ID of the class.

Leave it empty if you don't have any help texts.

### **Exclude classes from the result**

If your taxonomy includes classes that you never want to display in a web context you can enter a comma separated list of class IDs to be excluded. Note that all children/grandchildren etc are excluded as well.

### **Automatically fill taxonomy field on editing**

If your taxonomy field is empty when the page is opened for editing the module calls Taxon Classifier and inserts the result into the taxonomy field. If the taxonomy field holds any content that content is kept.

### **Automatically fill taxonomy field on saving**

If your taxonomy field is empty when the page is saved (pushing the Save button) the module calls Taxon Classifier and inserts the result into the taxonomy field. If the taxonomy field holds any content that content is kept.

### **Time to delay the initial call to Taxon Classifier**

There are some timing issues when opening the page for editing in connection with the auto fill. If you get a message regarding the absence of the text field, increase this value to 1000 milliseconds or a little more.

### **Hide the whole Taxon Classifier part**

If you set the auto fill either for page opening or page save you can hide the whole Taxon Classifier part and thereby making the classification operation invisible to the user.

### **Threshold for weight**

You can match the weight of the top class in the result from Taxon Classifier against a threshold. If the weight is less than the threshold a message is displayed instead of the result.

### **Message if threshold for weight is not met**

This message is displayed instead of the result if the weight of the top result is less than the threshold.

### **Threshold for confidenceCoefficient**

You can match the confidenceCoefficient of the top class in the result from Taxon Classifier against a threshold. If the confidenceCoefficient is less than the threshold a message is displayed instead of the result.

### **Message if threshold for confidenceCoefficient is not met**

This message is displayed instead of the result if the confidenceCoefficient of the top result is less than the threshold.

### **Message if Taxon Classifier did not find any relevant classes**

This message is displayed Message if Taxon Classifier did not find any relevant classes .

### **Loop up Taxon Classifier result**

If one of the thresholds are not met and there are two or more 3<sup>rd</sup> classes with a common parent the main class xx.yy.00 is returned. This works for KLE like taxonomies. If you do not know what KLE is just ignore this setting.

That's it! Enjoy Taxon Classifier and taxon\_taxonomy.