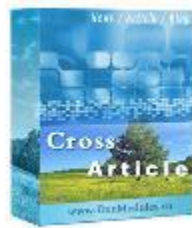


Cross Article 8.8 User Guide

(For DNN 9.2+)



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1. Introduction

Cross Article is an enterprise-class DNN module that enables multi-user to publish news, articles, blogs, press releases and stories. With the support of custom attributes, it also allows you to publish everything else, like real estate, cars, job listing, product catalogs, classified ads, directory listings or anything else you can think of. In addition to publishing text content, adding videos / audio / pictures / documents to an article are as easy as ABC. Cross Article is the ultimate publishing platform for DNN, it includes 14 sub modules which provide many cool features, as follows:

1. Powerful yet easy to use, module introduces a new setup wizard to guide you to configure it step by step, all you need to do is just click “Next” to follow this wizard.
2. Publish everything, include news, articles, blogs, real estate, cars, job listing, product catalogs, classified ads and any content you can think of. V7.8 also allows you to create vote (survey) with articles.
3. Content localization support, you can publish information (articles/categories/tags...) with multiple languages (e.g. English and Chinese) in same portal.
4. Multi-author support, authorized users can post their own articles (listings) and upload videos, audio, photos, documents with them. Module provides two upload methods: MS Silverlight upload control (allows uploading big size files) and Java Script upload control (PC and iPhone/iPad/Android/Mobile support), it also supports automatic conversion of user uploaded videos to .flv or h.264 format.
5. Allow register user uploading files with help ticket, also allow author uploading files as response. For example, you are publishing job listings, a user can request a job position, and upload his files (resume, pictures, credentials) to you.
6. Organize data with departments and categories. Site administrator can create unlimited custom attributes (data fields) for article (listing), or disable unwanted built-in data fields.
7. Template-driven layout and design. All sub modules are template based, module already includes some built-in templates, and you can create your own templates if necessary.
8. Responsive layout support, so in combination with responsive skins they will adjust to smartphone and tablet screens.
9. Display articles (listings) with data list, data grid, JQuery UI tabs (24 tab styles),

JavaScript slideshow (10 effects), Adobe Flash slideshow.

10. Import articles from RSS feeds, Twitter Search, Twitter User Timeline. Also can generate RSS feeds from site articles.

11. The new advanced search feature allows you to specify the search conditions, you can search based every built-in data fields and custom attributes which you create. It also fully integrates with DNN built-in search mechanism. V7.8 adds location (country, state/province, city, and town) search based customers' feedback.

12. SEO friendly url / Google web sitemap / Google news sitemap support to let search engines index your articles more easily.

13. Location (country, state/province, city, and town) / Google Maps / Amazon Simple Storage Services (Amazon S3) support.

14. There are 14 sub modules in package, but all information are manage via 1 single module (CrossArticle_Admin), the other 13 sub modules are all used to display data.

15. Fully integrate with DNN built-in social & journal. Author can mark his articles as private/protected, or share them between his friends / followers / social groups. And when a new article / comment is posted, it will be automatic added into author's journals.

.....

Visit <http://DnnModule.com/FreeDownload.aspx> to download 60 days trial version, please read "Cross Article 8.8 User Guide.pdf" before configure it. And visit <http://DnnModule.com/Article.aspx> for live demo.

Note, Cross Article v8.8 requires DNN 9.2+ to run. If your sites are still under DNN 5.x/6.x/7.x/8.x/9.0/9.1, please check other old versions at <http://DnnModule.com>.

2. What's new in v8.8

1. Rebuild based DNN 9.2 platform.

3. Requirements

1. DNN 9.2+.
2. MS Sql server (or sql express) 2012/2014/2016/2017.

4. Quick Start (with setup wizard)

V7.x introduces a new setup wizard to guide you to configure module step by step, we strongly recommend new user to choose this method, and it will save you a lot of time. With it, you only need 2 steps to setup Cross Article.

Step 1. Install module.































Step 2. Follow setup wizard to configure module.

4.1 Step 1: Install/Upgrade module

If you already bought Cross Article module, unzip package which you download, you will see “Cross Article 8.8 Pa(standard).zip” (or “Cross Article 8.8 Pa(enterprise).zip” if you bought enterprise edition), choose it as install package.

If you want to trial module first, you can download “Cross Article 8.8 trial edition (unzip me).zip” at <http://DnnModule.com/FreeDownload.aspx>. Unzip it your will find “Cross Article 8.8 Pa(trial).zip”.

Click DNN Persona Bar “Settings - Extensions - Install extension wizard” to install module. After installation, you will see 14 sub modules.


			CrossArticle_AccountLink	Display user account link for CrossArticle module.	6.7.0	No
			CrossArticle_Admin	Manage all data in Cross Article module.You need only 1 instance per portal.	6.7.0	No
			CrossArticle_Archive	Display article archive list.	6.7.0	No
			CrossArticle_Author	Display article author list.	6.7.0	No
			CrossArticle_Category	Display article categories.	6.7.0	No
			CrossArticle_Detail	This module is used to display article detail.	6.7.0	No
			CrossArticle_List	Display article list.	6.7.0	No
			CrossArticle_ListDashboard	Display article list dashboard via flash.	6.7.0	No
			CrossArticle_Search	Provides search interface for cross article module.	6.7.0	No
			CrossArticle_TagDashboard	Display article tag list via flash.	6.7.0	No

Install via Ftp

The install package size is about 9mb in size. If you have problems uploading by click “Settings - Extensions - Install extension wizard”, there is an alternative installation option you can use. Please use the following procedure:

1. Upload “Cross Article 8.8 Pa(standard).zip” to Install\Module folder of your site using ftp tools.
2. Click “Settings - Extensions” followed by clicking the “Available Extensions” tab. Find “CrossArticle_Admin” which is under the “Modules” section. Click the “Install” button

to install.

	CrossArticle_Admin	Manage all data in Cross Article module. You need only 1 instance per portal.	6.7.0	Install
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Note, if you upgrade from trial version to official version. You don't need to uninstall trial version first, simply re-install official package to overwrite existing trial files, your existing data will be kept after upgrade.

4.2 Step 1: Follow setup wizard to configure module

Add one of the 14 sub modules to a page (e.g. CrossArticle_Admin, CrossArticle_Archive, or any other sub modules, it doesn't care which sub module you choose). Cross Article will detect that you are the first time to run it on current site, and will display a setup wizard to help you to configure it. Like below:

Cross Article - Setup Wizard

General
Data Admin Page
Article List Page
Article Detail Page
Finish

Cross Article Module Setup Wizard

Before publish articles, you need to provide some system data (Departments / Categories) and also specify a few pages to host related sub modules (data admin page / article list page / article detail page) first.

Would you like Cross Article module to create these data and guide you to specify related pages in this wizard?

☒ Yes, create system data and guide me to specify related pages (Recommend for new users)

☐ No, I am familiar with Cross Article module, I will create these data by myself. (You can click the "Run Cross Article Setup Wizard" link later).

[Next](#)

Setup Wizard

All you need to do is to follow the wizard, click "Next", module will generate necessary system data (e.g. Departments / Categories) and create related pages. After that, it will show links to let you create articles and view them. It is so easy.

Note, this wizard also works if your site supports content localization (publish multiple languages content in same site). For more detail, please check "Content Localization (Multiple Languages Content) Support" chapter.

5. Quick Start (without setup wizard)

Cross Article package contains 14 sub modules. When you put any sub module to a page for the first time, it will show a "Cross Article Setup Wizard" to help you to setup it. We strongly recommend new users to follow this wizard to setup module, it will save you a lot of time. However, if you want to setup it by yourself (for example, you don't like the default data which are created by setup wizard), you can cancel the setup wizard, and please follow below steps:

Step 1. Add CrossArticle_Admin sub module to manage data

Step 2. Create department

Step 3. Add article

Step 4. Add CrossArticle_List sub module to display articles.

5.1 Step 1: Add CrossArticle_Admin sub module to manage data

First, you may need to create a page before add CrossArticle_Admin sub module to it. Like below:

Create "Article Admin" page.

After that, add CrossArticle_Admin sub module to the page. CrossArticle_Admin sub module is used to manage all data in Cross Article package. In most cases, you should put only 1 instance of it per portal (if you want to support content localization, you can put multiple instances of it per portal).

5.2 Step 2: Create Department

Click “Admin Control Panel – System Data - Departments” to create departments. Departments are top-level unit to organize data. Each department has its own categories / attributes / tags / articles.

Each department needs a separate page to display article detail (which belongs to that department). That page must have a “CrossArticle_Detail” sub module instance on it. Module will display a wizard page to guide you to create that page when you add a new department. You can also run that wizard by click “Run detail page setting wizards” button later.

General
Detail Page
Finish

"Article" detail page

For each department, module needs a valid page to display article detail which belong to it. That page must have a CrossArticle_Detail sub module instance on it.

Would you like module to create a new page and add CrossArticle_Detail sub module instance for you?

☒ Yes, create a new page and add CrossArticle_Detail sub module instance for me.

☐ No, I want select a existing page and add CrossArticle_Detail sub module instance on it by myself.

☐ I will consider it later. (You can click the "Run detail page setting wizards" button which in "System Data - Department" later).

Article detail page settings wizard

Update Delete Cancel Return to control panel

Basic Google Map & Location Specification 1 Specification 2 Specification 3 Specification 4 Specification 5

Department Name

Article

Image

File Location:
Root

File Name:
<None Specified>

Upload New File

If checked, articles which belong to this department can create vote (survey) with them.

Department

Tips: why do we need to create department? This is because department offers the

best solution to organize variety data. For example, if you want to publish news article, post job position, and also list house rent information on your site. It is hard to organize these data without departments. But with department, things become easy. You can do it as follows:

- (1). Create 3 departments, like "Articles", "Job", "House Rent".
- (2). Create categories for each department.
- (3). Create attributes for each department if necessary. For example, you can create an "Area" attribute for "House Rent" department; and create a "Salary" attribute for "Job" department.
- (4). Now you can publish listings for each department. And you can then specify attribute values while edit a listing. For example, you can enter "300 square meter" as "Area" when publish a new house.









For live demo, please visit <http://dnnmodule.com/Modules/CrossArticle.aspx>. You will see that we have created a few departments (Articles, Real Estates, Products, Jobs, Ads, and Documents), and publish variety data (articles, products, jobs, documents, etc.) in same site using Cross Article.

5.3 Step 3: Add Articles

Now you can add articles at "My Articles – My Articles". If you want to attach documents / videos /audio / images to an article, you can upload these files in "My Articles – My Files". V7.8 also allows you to create a vote (survey) with an article.

Select Department: Default + Add Article × Delete Selected Return my account

Category: <None Specified> Status: All Page: 20 Title: Search

	Title	Views	Created	Authed	Active	Draft	Featured	Expired	Article Info	Related
	 Classified pro 8.0	10	11/6/2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	 Cross Article 6.0 is out	0	11/6/2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

5.4 Step 4: Use CrossArticle_List sub module to display articles.

Now you can use CrossArticle_List sub module to show articles. First, create a separate page, and then add CrossArticle_List sub module instance to it.

☐ Page Details

 Page Name:

Article list

 Page Title:

DnnModules.cn_Article

News about dnnmodules.cn. Include module

You can add multiple instances of CrossArticle_List sub module to same page (or to different pages) as your wish. And there are many options available to let you to control the layout of data list.

There are 14 sub modules in Cross Article package. Besides "CrossArticle_Admin" sub module, the other 13 sub modules are all used to display related data. For example, you can put "CrossArticle_Tag" sub module on a separate page to show article tags, put

"CrossArticle_Category" module to show categories...etc. Unlike "CrossArticle_Admin" sub module, you can add multiple instances of other 13 sub modules to different pages (or on same page if you like). These 13 sub modules are all template based, you can create your own templates to show related data if you don't like the default layout.

The frequently-used sub modules are CrossArticle_List (show articles with data list or data grid), CrossArticle_ListTab (show articles with JQuery UI tabs, supports 24 tab style), CrossArticle_Slideshow (show featured articles with JavaScript slideshow), CrossArticle_Detail (show article detail), CrossArticle_Search (provide search function), and CrossArticle_Category (show categories), CrossArticle_TagList (show tags). Other sub modules are also useful in some situations.

6. Content Localization (Multiple Languages Content) Support

Localization in DNN can be done in two different ways, Cross Article supports both of them well. Which way to choose depends on the content of your site, and how you want to localize this content for different languages and countries.

The simplest way to start offering your site in multiple languages is to add a portal per language. This will create a completely separate environment for the new language, which is great if content is not really related, and you have independent editors taking care of the content for the site. Cross Article supports this situation easily using its setup wizard. For example, if you want to post articles to both English and Chinese readers, you can do it as follows:

1. Create two portals in same DNN instance, one for Chinese (e.g. cn.DnnModule.com), and the other for English (e.g. en.DnnModule.com).
2. Put any sub module of Cross Article to cn.DnnModule.com, it will show a setup wizard to help you to configure it. After that, do same work to another portal (en.DnnModule.com).
3. Now you can publish Chinese articles on cn.DnnModule.com, and publish English articles on en.DnnModule.com.

The second way is to offer multiple languages content in same portal. For example, publish pages/articles with both Chinese and English, when Chinese people visit your site, show Chinese content of pages/articles; when English people visit your site, show English content of pages/articles. For this situation, DNN has a built-in feature called "Content Localization". This feature allows a site owner to duplicate a site for each desired language, give translators access to the language content they need, and

permit a seamless switch between the different languages. This is today's popular trend and we strongly recommend you to choose this way to support multiple languages.

Cross Article works seamless with this localization way, please follow below steps:

1. Click DNN Persona Bar "Settings - Site Settings - Languages" to install language packages if they are not available. For example, if you need to publish Chinese content, you need to install "Chinese (Simplified, PRC)" language package first.


2. In same page, check on "Allow Content Localization" option.


3. DNN team has a detail blog about the "Content Localization" feature (<http://www.dnnsoftware.com/community-blog/cid/155042/content-localization-walkthrough>), we strongly recommend you to take a look at it.

4. Now your site is ready for the "Content Localization" feature, and Cross Article is also aware of that. When you put any sub module of Cross Article to a page, it will also show a setup wizard to help you to configure it. The setup wizard looks the same as the first localization way, but it will do more works (create more pages / put more sub modules, etc). Of course, if you want to setup it by yourself, please follow below steps (suppose you need to publish articles with both English and Chinese):

(a) For each language, create a separate page and put "CrossArticle_Admin" sub module on it. For example, create two pages, one called "Article Admin" and its page culture is "en-US (English)", the other called "新闻管理" and its page culture is "zh-CN (Chinese)". You can create them by click "DNN built-in control panel - Pages - Add New Page", select "Localization" tab, and choose "Culture Type" as "Create Localized Versions of Page".

(b) Now you should have 2 instances of "CrossArticle_Admin sub module". The data you entered in CrossArticle_Admin sub module **is shared across the whole portal**. That's to say, even you put 10 instances of "CrossArticle_Admin sub module", they are all used to manage the same data. That's why in first localization way (add a portal per language), we only need 1 instance of CrossArticle_Admin sub module per portal. But in second localization way, we need 1 instance of CrossArticle_Admin sub module for each language, so an English author can access English interface of CrossArticle_Admin sub module, and a Chinese author can access Chinese interface.

(c) Access your desired language of "CrossArticle_Admin" page, and continue to add data (departments / categories / attributes / articles / tags...etc). Note, the data you entered in the main edit interface is corresponding to the site default language (e.g. English). After update a item, you will see a  link button, click it you can enter item

multiple language content. For example, you can enter an article at "CrossArticle_Admin sub module - My Articles", name it as "Dell Computer t5200", then click the  link button, enter "戴尔电脑 t5200" as its Chinese title.

(d) Nearly all data (departments / categories / attributes / articles / tags / location, etc) in Cross Article supports content localization, you need to localize all of them, focus on article information only is not enough.

(e) For each language, create a separate page and put "CrossArticle_List" sub module on it to show articles (listings). For example, create two pages, one called "Article List" and its page culture is "en-US (English)", the other called "新闻列表" and its page culture is "zh-CN (Chinese)".

(f) There are 13 sub modules in Cross Article package. Except the CrossArticle_Admin sub module, the other 12 sub modules are all used to display related data. And these 12 sub modules will display content **based their parent page culture**. For example, if current page culture is "en-US (English)", they will display English content; if current page culture is "zh-CN (Simple Chinese)", they will display Simple Chinese content; if page culture is neutral, they will display content according to current context culture. As you can see, if you want to show categories to public, you can put 2 instances of CrossArticle_Category to 2 different culture pages.

(g) Now everything is ok. An English visitor can view the English content of articles. And a Chinese visitor will take the Chinese content. If your site skin contains the "language selection" skin object, visitors can switch English/Chinese easily to view different content.

Above method requires you to create multiple pages (and also put related sub modules) for each language. It is user friendly and straightforward, but a little complex. If you don't like this way, you can try to create neutral pages and put sub modules on them. As follows:

(1) Create a neutral page, select its "Localization - Culture Type" as "Create Single Neutral Culture Page", put "CrossArticle_Admin" sub module on it to manage data.

(2) Create a neutral page, put "CrossArticle_List" sub module on it to show articles (listings).

(3) Follow same method to handle other sub modules.

This method requires less pages and steps, but it also works. As we mentioned above, if page culture is neutral, Cross Article will **display content according to current context culture** (show English content to English visitors, show Chinese content to Chinese visitors). The only problem is that the neutral page properties (page

name, page title, description, keywords, etc.) can't vary with languages. So it is not user friendly (and SEO friendly) like the previous method..

7. Multi-Author Support

By default, only site administrator can post articles. If you want to allow other users to post articles, you can click "CrossArticle_Admin sub module - Admin Control Panel - Configurations - Author Roles" to add roles which can post articles. You can specify their disk quota and article count limitation.

Cross Article_Edit Roles

 **Add Role** [Return my account](#)

Role Name	Disk Quote(MB)	Article Count
Registered Users	1	-1
Advanced Role	100	2

Note, 1. Cross Article allows you to limit the "Departments" which author can post articles to. So it is better to create departments first (by click "System Data - Departments"), then configure author roles. For example, if you have 2 departments ("Article" and "Real Estate"), you can limit a role to post listings to "Article" department only.

2. You can use a store module (like our "Classified Pro 8.2 - store, auction, classified ads") to sell these author roles, so user needs to buy (subscribe) a role first before post articles to your site. You can also charge author roles based different conditions (departments, article count, disk quota, etc.).

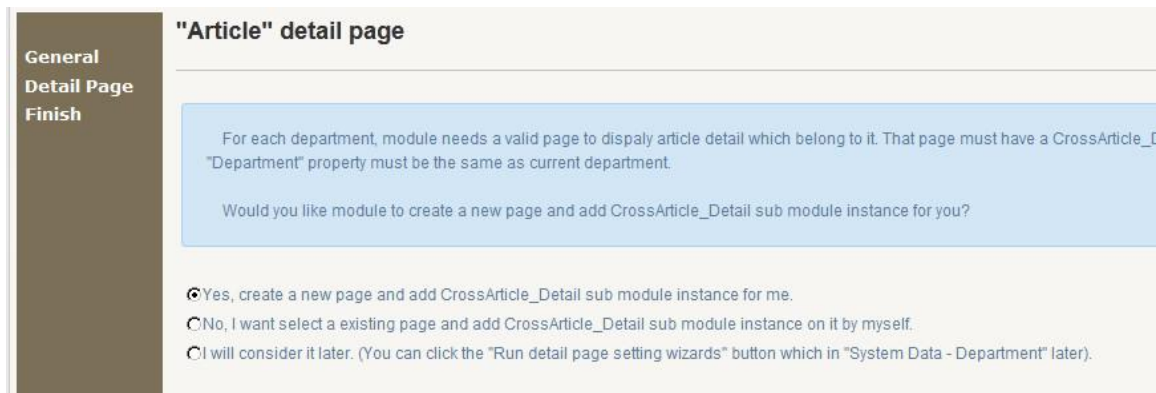
8. Introduce 14 sub modules

As we can see, there are 14 sub modules in Cross Article package. We talk a lot of with CrossArticle_Admin sub module in "Quick Start" section, now let us check other 13 sub modules.

Note, unlike CrossArticle_Admin sub module, these 13 sub modules can be put multiple times on different pages (or on same page if you wish). These 13 sub modules are all template based, you can create your own templates to show related data if you don't like the default layout. These 13 sub modules can also support responsive layout, so in combination with responsive skins they will adjust to smartphone and tablet screens.

8.1 CrossArticle_Detail sub module

Use this module to display article detail information, you need to add a detail page and put a CrossArticle_Detail sub module instance for every department. However, you don't need to worry about it. Module will display a wizard page to guide you to create this page while add a department.



You can also add it manually if you like, as follows:

A: Create an article detail page



Make sure this page can be accessed by all users. If you don't want to this page displayed on menu, you can uncheck "include in menu", to hidden it.

After page creation, add CrossArticle_Detail sub module to it. And click "Article detail settings" to control its layout and content.

8.2 CrossArticle_List sub module

Use this module to display articles with data list or data grid, click "Article List Settings" to customize it. This sub module also supports two search modes: basic and advanced. The advanced search mode allows you to specify any search conditions, include custom attributes and location properties.

8.3 CrossArticle_ListTab sub module

Show articles (listings) with JQuery UI Tabs. Each tab is corresponding to a category, module will display articles which belong to each category as tab content. For example, if you create 3 categories ("Man Clothes", "Woman Clothes", "Kid Clothes") at "CrossArticle_Admin sub module - Admin Control Panel - System Data - Categories",

you can select "Tab Category 1" as "Man Clothes", "Tab Category 2" as "Woman Clothes", and then module will show two tabs. For tab 1, module will show articles which belong to "Man Clothes" category, for tab 2, module will show articles which belong to "Woman Clothes" category.

8.4 CrossArticle_Slideshow sub module

Display articles with JavaScript slideshow, supports up to 10 slideshow modes.

8.5 CrossArticle_ListDashboard sub module

Display featured articles with Adobe Flash slideshow, click "Article dashboard settings" to customize it.

8.6 CrossArticle_Search sub module

Use this module to provide article search function, provide two search style: basic and advanced.

8.7 CrossArticle_Taglist sub module

Display article tag list.

8.8 CrossArticle_TagDashboard sub module

Display article tag list via Adobe Flash slideshow.

8.9 CrossArticle_Author sub module

Display article author list, it is useful if you have many users who post articles on your site.

8.10 CrossArticle_Archive sub module

Display date/month navigation for articles.

8.11 CrossArticle_Type sub module

Display article departments (article types). In previous version, we called "Department" as "Type", and some customer suggested that the "Department" is more accurate, so we change it. But the "CrossArticle_Type" sub module name can't be changed due to legacy support

8.12 CrossArticle_Category sub module

Display article categories with data list or tree control.

8.13 CrossArticle_AccountLink sub module

Display user account link.

9. Advanced Configurations

Cross Article introduces a lot of powerful features which haven't been seen in other competitors' modules. Instead of write a long and complicated help document to explain every detail of them. We choose to put this information directly into module interface. Below are some important areas which you need to read before use this module.

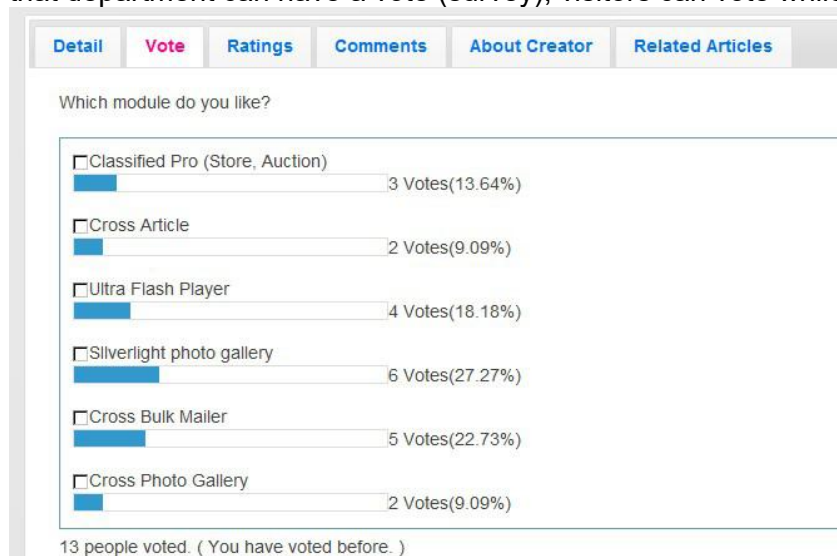
9.1 Google maps integration

Check on "Integrate with Google Maps" option while editing a department, then articles which belong to that department can have latitude / longitude properties and show in Google Maps. As follows:



9.2 Create vote (survey) with articles

Check on "Allow Vote" option while edit a department, then articles which belong to that department can have a vote (survey), visitors can vote while view article detail.



9.3 Specify location properties for articles (listings)

Check on “Allow Location” option while edit a department, then articles (listings) which belong to that department can specify location properties. For example, when publish a house, you can specify its location, and visitors can search listings based these location (e.g., search State = California).

Module supports 4 level of regionalism (country, state/province, city, and town). For example, country = USA, state/province = California, city = Los Angeles, town = Bell, or country = China, state/province = YunNan, city = KunMing, town = WuHua.

9.4 Disable unwanted data fields




Article has some built-in data fields, like author / source / image, etc. If you don't need these fields, you can disable them in “CrossArticle_Admin sub module - Admin control panel – System Data – Departments”. If a field is disabled, then it will not be displayed on article edit interface which belong to current department. And of course, it will also disappear in CrossArticle_List and CrossArticle_Detail sub modules too.



9.5 Create extra data fields (for long content)

Module has a built-in field – “Article Detail” which lets you to enter long content (text/html content). Besides that, it also supports up to 5 additional fields to let you to publish long content (text/html content). You can enable them in “CrossArticle_Admin sub module - Admin control panel – System Data – Departments”. You can specify its

title and default value. If a field is enabled, it will be displayed on article edit interface.

 Update  Delete  Cancel [Return my account](#)

Indicates required field

Basic

Specification 1

Specification 2

Specification 3

Specification 4

Specification 5

Specifications are detail description of articles which belong to this department. Module already has a built-in fields - "Article" for all departments.

Besides that, module also support up to 5 additional specification fields which you can customize. You can enable them and specify their title and default value.

☒ For example, if you publish information related notebook, besides "Article detail", you may want add "Technical Detail" specification for it. To do it, you can check on "Enable" option for "Specification 1", input "Technical Detail" as its title. Then author will see a "Technical Detail" field while edit articles which belong to current department. You can also specify "default value" for it so author can simply modify this default value while edit his articles.

Note, use these specification fields for long content (html based). If you want to customize short specific content, use "Attributes" feature in CrossArticle_Admin module instead.

Enabled ☒ ☐

Specification Title

9.6 Create extra data fields (for short content)

Different departments have different attributes. For example, when publish real estate, you may want specify its "Color" and "Area". When publishing software, you may want to specify its "Version" and "Platform". These attributes can be created at "CrossArticle_Admin sub module - Admin control panel – System Data – Attributes".

Attributes (e.g. "Color" or "Area") are used to create these extra independent variations in your departments. After create an attribute, author can then enter specific attribute values for an individual listing (e.g. "Red", "White", "Blue"). These attribute values can also be shown in CrossArticle_List (and CrossArticle_Detail) sub modules.

You can create attributes for varied data type like string, date, time, decimal, integer, image, url, email, and specify its title, default value, help text, validate rules, edit style, etc. You can also provide a list of values to let author to choose while editing. These lists of values can be shown via drop down list / radio button list / check box list, etc.

You can also search articles (listings) based these attributes via CrossArticle_Search (or CrossArticle_List) sub module. For example, you can allow visitors to search "Color" in CrossArticle_List sub module after create it.

Note, while "CrossArticle_Admin sub module - Admin control panel – System Data – Attributes" feature can also be used to create text/html filed, we don't recommend to use it. Instead, if you want to create long content (text/html based) fields, we recommend to use additional fields in "CrossArticle_Admin sub module - Admin control panel – System

Data – Departments” feature. (See section 9.5).

Attributes are used to create inter-dependant article variations. After creating an attribute, you can then create sp

For example, if you want to create a "Color" attribute, you can do it as followings:

1. Input "Color" as "Field Name",
2. Input "Enter Color" as "Field Title" (optional) .
3. Input "Enter a color,like red,green,white" as "Help Text"(optional).
4. Click "Update"

Then author will see a "Enter Color" field while edit articles. He can specify its value for each article (eg. "White").

You can also provide a list of value to let author choose. For example, if you input "red;green;white" as "List of Val
"red", "green" and "white". You can even specify a default value. For example, if you input "red" as "Default Value", t
doesn't change it.

Field Name

Field Title

Data Type

9.7 Convert video to .flv and h.264 (.mp4) online / offline

Expand “CrossArtcile_Admin sub module - Help – Online / Offline Video convert permission” for more details.

Help

Video convert permission

To convert videos,first you need download execute packages:

- 1.Visit <http://www.dnnmodules.cn/FreeDownload.aspx>,download "Execute package" for Classified Pro module.
- 2.Unzip your download files to your computer.
- 3.Copy ffmpeg and mencoder folder to DesktopModules\CrossClassified\Exe directory of your site.

Second,web server must give execute permission to DesktopModules\CrossClassified\Exe folder ,see sample image below. If you can access web server,config it as followings:

- 1.On the Windows 2003 server, open the Internet Information Services Manager.
- 2.Expand your site directory to DesktopModules\CrossClassified\exe folder ,right click it,select "Properties",change its execute permission as "Scripts and Execute".
- 3.Contact your host provider if you can't access web server.



9.8 Upload large files and play .flv/.mp4 video files.

Expand “CrossArtcile_Admin sub module - Help – mime type” to see how to configure it:

Help

Video convert permission

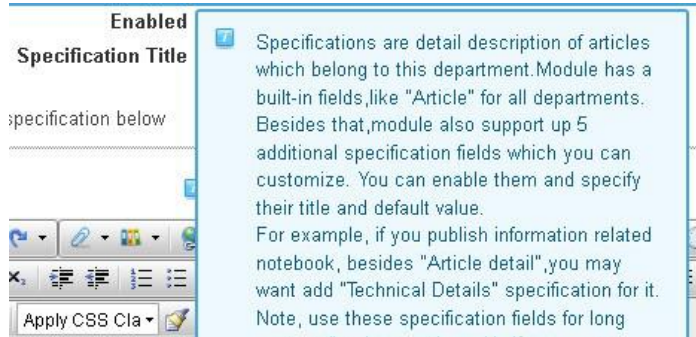
Flash video(.flv)/H.264(.mp4) and Silverlight upload control mime type

Module needs a few mime type support to work. You can add them as following if not available. Take flash video(.flv) as example.

- 1.On the Windows 2003 server, open the Internet Information Services Manager.
- 2.Expand the Local Computer Server.

9.9 Other detail information

We provide as detail as possible information for every fields via DNN standard help field. Whenever you feel confusion, click the left help button of field, you will see more detail information. Like below:

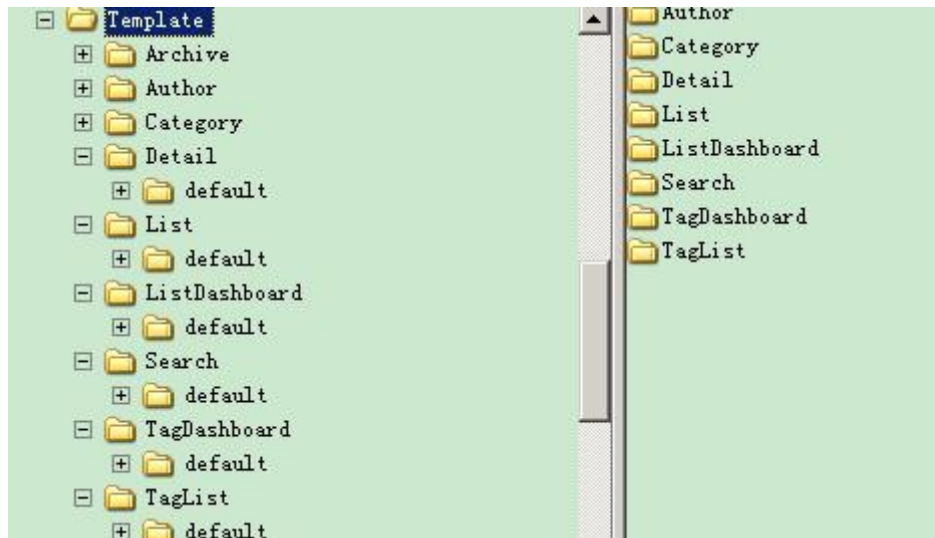


10. How to write templates

10.1 Templates are ascx files

All templates are ascx files. To write it, you need to be familiar with asp.net syntax.

10.2 Template directory structure



Template files should be put under related directories.

10.3 Template create steps

Take article list template as example.

1. Create a folder under DesktopModules\CrossArticle\Template\List, name it as MyList as example.
2. Copy DesktopModules\CrossArticle\Template\List\default\App_LocalResources directory and DesktopModules\CrossArticle\Template\List\default\ArticleList_Standard.ascx file to MyList folder.
3. Change ArticleList_Standard.ascx file name as your wish, for example, MyList.ascx. Of course, you can keep its original file name if you like.
4. Open MyList.ascx file via Visual studio 2008/2010 or something else, change its content. Note, you need to be familiar with asp.net syntax before change it.
5. Add CrossArticle_List sub module instance to the page, click “Article list settings”, in “General – Template”, select “MyList.ascx”.
6. Now module will use your own template to display data.

Of course, you can put your own templates under DesktopModules\CrossArticle\Template\List\default directory if you like.

Tips: module provides a method – GetUDFieldValue to let you to get a custom attribute values in CrossArticle_List sub module template. This method is helpful if you want to show custom attribute in your article list template.

Its signature is `protected string GetUDFieldValue(string fieldName, string articleId)`. For example, if you create a “color” attribute in “CrossArticle_Admin sub module – Admin control panel – System Data – Attributes”, you can get its value for an article (suppose its id is 10) as follows:

```
GetUDFieldValue("color","14")
```

In CrossArticle_List sub module template, you can use below syntax to show a custom attribute.

```
<asp:Label ID="Label4" runat="server" Text='<%=# GetUDFieldValue("Color", Convert.ToString(Eval("Id"))) %>' />
```

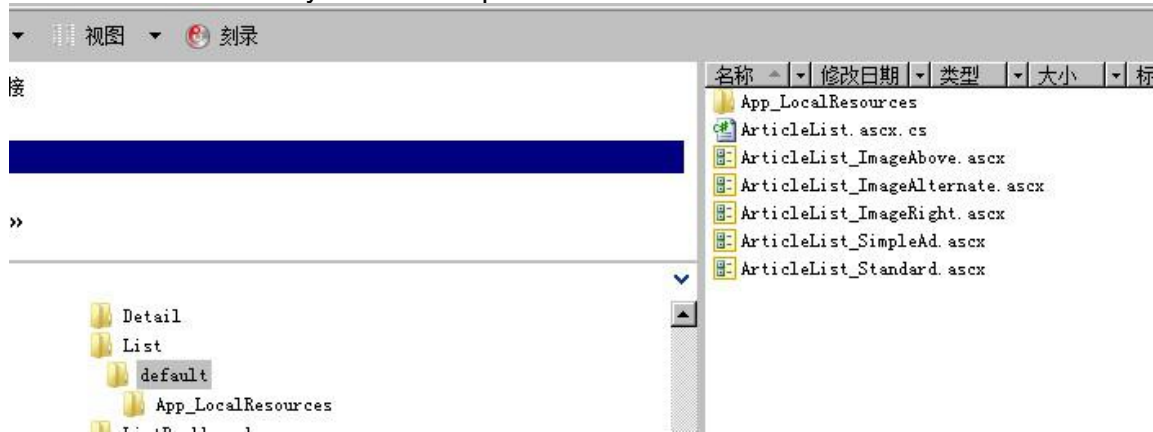
This method (GetUDFieldValue) is also available in CrossArticle_Detail sub module template. However, its signature becomes as `GetUDFieldValue(string fieldName)` in CrossArticle_Detail module template, doesn't require articleId parameter. So in CrossArticle_Detail sub module template, you can use below syntax to show “Color” value.

```
<asp:Label ID="Label4" runat="server" Text='<%=# GetUDFieldValue("Color") %>' />
```

For more information, please see our forum (<http://DnnModule.com/>).


10.4 Reference existing templates

Module includes 6 built-in article list templates under DesktopModules\CrossArticle\Template\List\default folder, you can open them as a reference while create your own templates.



11. Uninstall module

We recommend you to follow below steps to uninstall Cross Article module.

1. Click "Host - Module Definitions", click the  button to uninstall Cross Article_TagList to CrossArticle_Archive sub modules one by one

 	CrossArticle_Admin	The admin module provides the administration interface for the article module.	5.1.0
 	CrossArticle_Archive	Display article archive list.	5.1.0
 	CrossArticle_Author	Display article author list.	5.1.0
 	CrossArticle_Category	Display article categories.	5.1.0
 	CrossArticle_Detail	This module is used to display article detail.	5.1.0
 	CrossArticle_List	Display article list.	5.1.0
 	CrossArticle_ListDashboard	Display article list dashboard via flash.	5.1.0
 	CrossArticle_Search	Provides search interface for cross article module.	5.1.0
 	CrossArticle_TagDashboard	Display article tag list via flash.	5.1.0
 	CrossArticle_TagList	Display article tag list.	5.1.0

2. When uninstall CrossArticle_Admin sub module, **check on “delete files” option** to delete all files (and data tables) which are related to Cross Article package.

Friendly Name: ☒ CrossArticle_Admin
Description: ☒ Manage all data in Cross Article module.You need only 1 instance per portal.
Version: ☒ 6.7.0
License: ☒ Please check below preconditions before install module.

- 1. Dnn 6.0+.
- 2. Sql server 2005/2008 or sql express 2005/2008.
- 3. Asp.net framework 3.5 and above.

Version difference.

- Trial edition: can be used on localhost domain only for test purpose.
- Standard edition: 1 dnn production site installation.
- Enterprise edition: unlimited dnn sites installation.
- Enterprise+Source edition: unlimited dnn sites installation + source code.

Delete Files? ☒ ☒

[Uninstall Package](#) [Return](#)

12. About Us

DnnModule.com is built to provide quality modules and skins, some of them are free, some not. We wish these stuffs (free or not) can be useful to you. Following are part of our released module:

Classified Pro 9.1 (e-Commerce, Store, Auction, Classified ads, content localization)

Cross Bulk Mailer 6.6

Cross Article 8.8

Cross Photo Gallery 6.5

Cross Video Gallery 7.1

Ultra Flash Player 8.0 (24-in-1)

Cross Image Slideshow 5.1 (16-in1)

Silverlight Photo Gallery 5.8

Silverlight Carousel Magazine 4.0

Classified Product 5.3

Google Analytics 4.0 Enterprise (Free)

Flash Media Gallery 3.7 for dnn

YouTube Sidebar 4.26

Skin Chameleon 3.5 (Free)

Yahoo Media Player for DNN (Free)

Flash Numeric Rotator 5.2 (Free)

Carousel Flow Gallery 5.0 (Free)

Silverlight Panorama Viewer 3.1

Please visit <http://DnnModule.com/Store.aspx> for more details.

12. Support

You can visit our support forum at <http://DnnModule.com/Forum.aspx> or mail to xiaoqi98@msn.com to get help. Our Skype (xiaoqi98@msn.com), QQ (35206992) are also available for direct communication.

13. Acknowledgments

Video convert engine are based two GNU projects:

1. ffmpeg at <http://www.ffmpeg.org>
2. MPlayer at <http://www.mplayerhq.hu/>

We learn a lot of from below modules while developing this module

1. Silverlight file upload module from Michael Washington
2. DNN official module - Form and list

Thanks.

14. FAQs

A. How to upgrade from trial version to official version?

Q. Simply re-install official version to overwrite existing trial version, then module will become as official version, and also keep your existing data.

A. How to register my copy?

Q: If you bought standard edition of Cross Article module, you need to register your copy by provide your invoice id. As follows:

1. In "CrossArticle_Admin" sub module, click "Help – Register Module", enter your invoice id while bought this module, click "Register".
2. If you install module on test site, don't register it.
3. Unregistered copy of standard edition can only support up to 50 article items.
4. Enterprise edition and enterprise + source edition don't need to register.

Q: I want to approve articles before display to public, how can I do that?

A: Click "CrossArticle_Admin sub module - Admin Control Panel – Configurations - Global Settings", check on "General - Approval article before display" option.

Q: I don't want to allow author to attach videos (audio/images/document) to his articles, how can I do that?

A: Click "CrossArticle_Admin module - Admin Control Panel - Configurations – Global Settings", you will see "Enable attach documents / Enable attach videos / Enable attach audio / Enable attach images" options under "General" section, uncheck them will hide related functions. For example, if you uncheck "Enable attach videos" option, then "upload related videos" button will disappear while user edit his articles.

A. Why the article detail doesn't display correctly?

Q. In CrossArticle_Admin sub module, click "System Data – Department", check its "CrossArticle_Detail sub module page" settings. There must have a CrossArticle_Detail sub module instance on that page and its "Article detail settings – General - Department" settings must be the same as current article department. You can click the "Run type detail page settings wizard" button to configure it.

Q: I want to allow other roles (not site administrator) to manage articles, how can I do that?

A: Click "CrossArticle_Admin sub module - Admin Control Panel - Configurations - Global Settings", check on roles at "General - Data manage roles". For example, if you have a role named "Article Manager" and it is checked, then when a user belongs to that role, he can access " CrossArticle_Admin sub module - Admin Control Panel – Data Manager" to manage data.