**Installation and Configuration Guide**

**Pre - Requirements:**

* .NET Framework 4.7 or greater
* Castle.Core 4.2.1 or greater
* EPiServer.CMS.UI.Core 11.1.0 or greater
* Verndale.Sitemap.Robots.Generator.Core 1.0.0

**Installation:**

Sitemap Robots Generator can be installed using the nuget package **Verndale.Sitemap.Robots.Generator** and also nuget package **Verndale.Sitemap.Robots.Generator.Core** from the EPiServer nuget feed.



**Configuration:**

**Verndale.Sitemap.Robots.Generator** package contains the UI for the plugin, including admin plugin, dashboard gadget and http handlers

**Verndale.Sitemap.Robots.Generator.Core** package contains core classes to generate the sitemap.xml and robots.txt files

In order to enable some of the features in the plugin, **it requires to modify your base page and start page with some fields we obtain by reflection to generate the files**. These includes:

**Common Page or Base Page**

[Display(GroupName = "Navigation", Name = "Exclude from Xml Site Map", Order = 400)]

public virtual bool ExcludeFromSiteMap { get; set; }

[Display(GroupName = "Navigation", Name = "Priority in Site Map", Order = 500)]

public virtual string Priority { get; set; }

[Display(GroupName = "Navigation", Name = "Change Frequency of Page in Site Map", Order = 600)]

public virtual string ChangeFrequency { get; set; }

**Start Page**

[Display(Name = "Robots", Order = 1200, GroupName = "Metadata")]

[UIHint(UIHint.Textarea)]

public virtual string RobotsContent { get; set; }

In addition, **if you are using web API in your project, you must add these lines** **in Global.asax.cs RegisterRoutes method**

protected override void RegisterRoutes(System.Web.Routing.RouteCollection routes){

 base.RegisterRoutes(routes);

 routes.Ignore("sitemap.xml");

 routes.Ignore("robots.txt");

}

Web config app keys:

|  |  |  |
| --- | --- | --- |
| **Key** | **Description** | **Default Value** |
| SiteMap\_MAX\_URLS | Limit the number of entries per file (Default 50000). If the threshold is reached, it generates and index file and several sitemap files | 50000 |
| SiteMap\_OutPutRobots\_txt | Writes the sitemap path to the robots.txt file | true:1 |
| Show\_Trailing\_Slash | Show a trailing slash at the end of every link | false |
| Show\_Localized\_URLS | Show localized URLs using lang href attributes with only one loc tag | true |
| Display\_Localized\_URLS\_Separated | Display localized URLs separated, it will not use lang href attributes, instead it will show them as separate loc tags | false |
| siteMapConfig | Sitemap configuration file path | App\_Config\sitemap.config |

Site map config keys:

|  |  |  |
| --- | --- | --- |
| **Key** | **Description** | **Default Value** |
| xmlNsTpl | Sitemap xml file namespace | http://www.sitemaps.org/schemas/sitemap/0.9 |
| xmlNsLangTpl | Sitemap lang namespace | http://www.w3.org/1999/xhtml |
| productionEnvironment | Production environment, enables notification to search engines | false |