

# Installation and Configuration Guide

## Pre - Requirements:

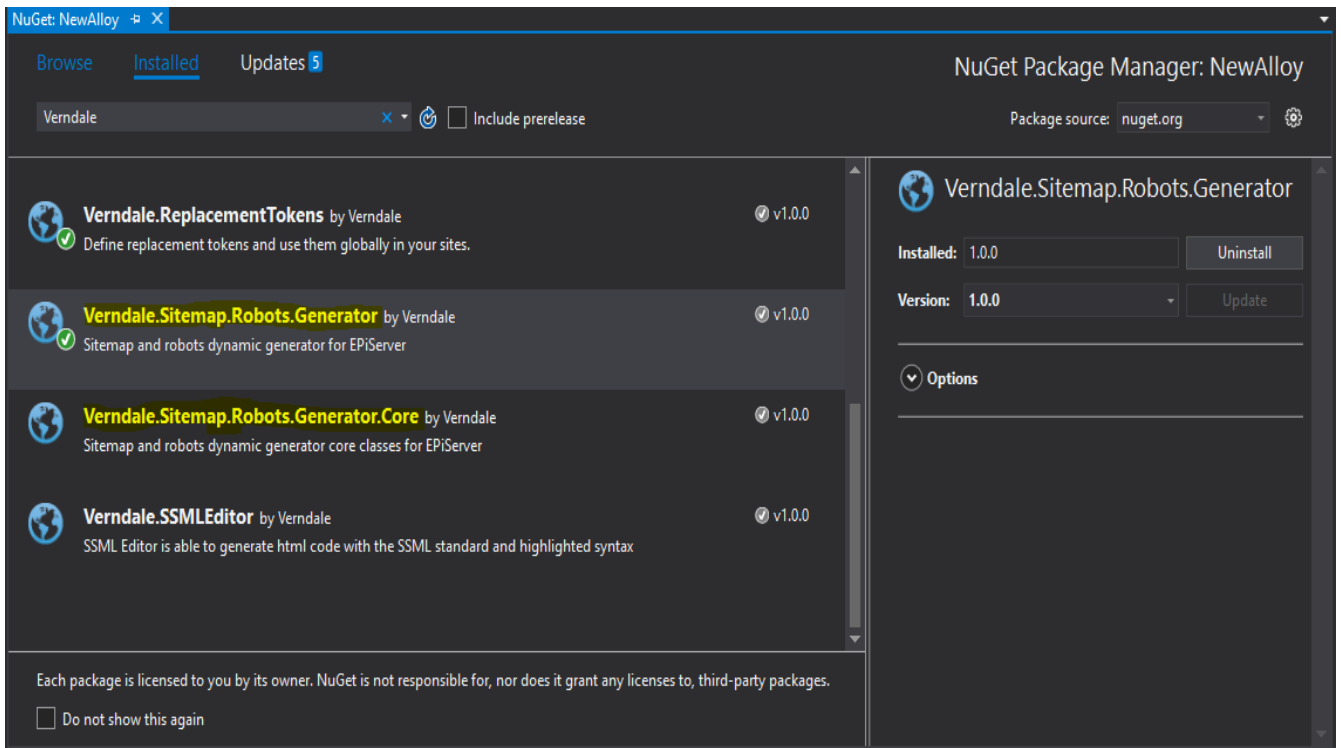
- .NET Framework 4.7 or greater
- Castle.Core 4.2.1 or greater
- EPiServer.CMS.UI.Core 11.1.0 or greater
- Verdale.Sitemap.Robots.Generator.Core 1.0.0

## Installation:

Sitemap Robots Generator can be installed using the nuget package

**Verdale.Sitemap.Robots.Generator** and also nuget package

**Verdale.Sitemap.Robots.Generator.Core** from the EPiServer nuget feed.



## Configuration:

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

**Verdale.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	<a href="http://www.sitemaps.org/schemas/sitemap/0.9">http://www.sitemaps.org/schemas/sitemap/0.9</a>
xmlNsLangTpl	Sitemap lang namespace	<a href="http://www.w3.org/1999/xhtml">http://www.w3.org/1999/xhtml</a>
productionEnvironment	Production environment, enables notification to search engines	false