

Connected Systems

RSS Manager for SharePoint 2010 (Foundation and Server)

Installation Guide

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Pages	10

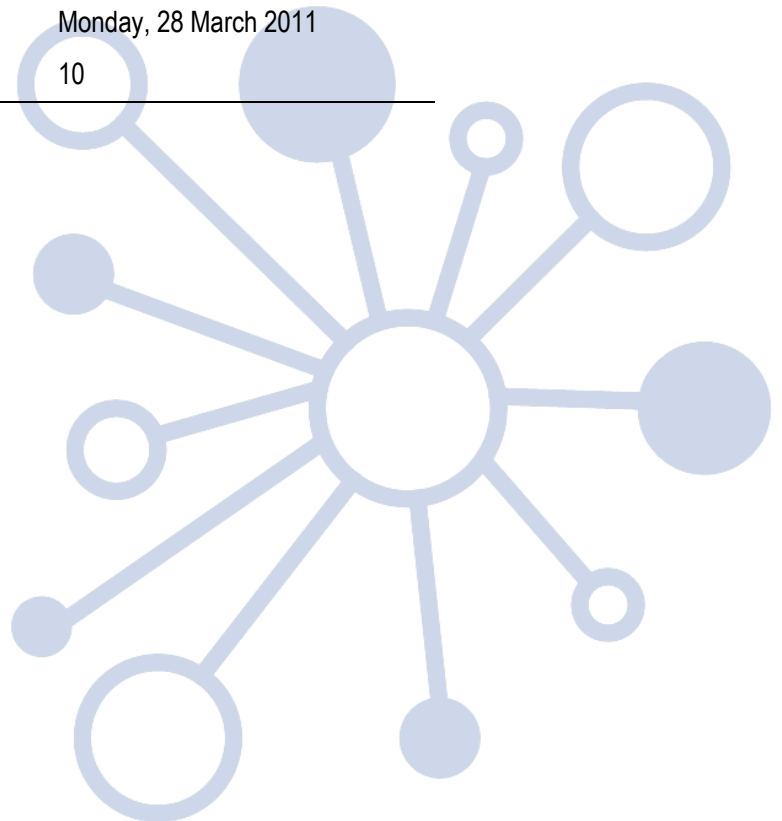


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1 Installation

The Connected Systems RSS Manager feature for SharePoint 2010 installation process is straight forward. It has been packaged into a SharePoint® Solution called a WSP file. It has been scope at the “Farm” level which means it is available to every site collection in the Farm.

1.1 Adding Solutions to SharePoint

The WSP is added to the Solution store like any other WSP solution, this is done using the following commands: (please ensure the STSADM command is accessible via the PATH environment variable)

```
STSADM -o addsolution -filename CS.SharePoint.RSSManager.Deployment.wsp
```

1.2 Deploying the Solution to SharePoint

Once added to the solution store using the commands listed above, each feature can be deployed to the appropriate site collection(s). This can be achieved using the following methods, either via STSADM or Central Administration.

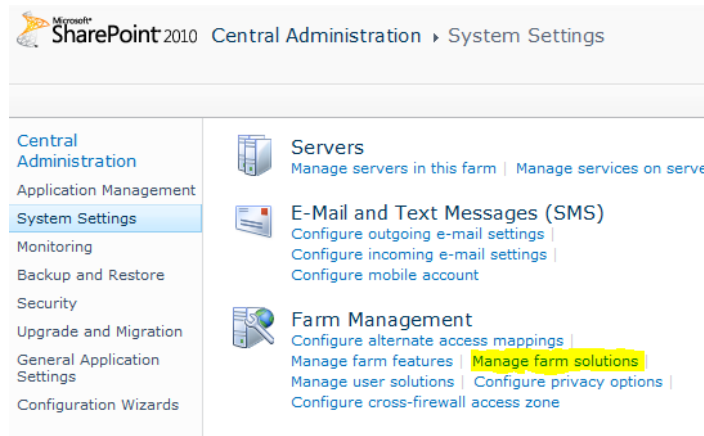
1.2.1 Via STSADM

The STSADM command is:

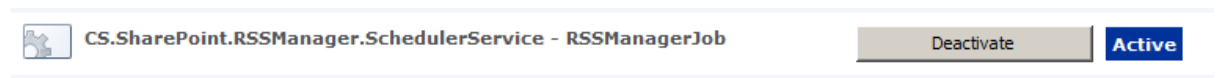
```
stsadm -o deploysolution -name CS.SharePoint.RSSManager.Deployment.wsp -  
immediate -allowgacdeployment
```

1.2.2 Via Central Administration

Alternatively, deployment of the solutions is achieved via “Central Administration | System Settings | Farm Management | Manage farm solutions”



Once selected and assuming there are no other solutions deployed to your farm, the solution will be listed as follows.



On selecting the “cs.sharepoint.rssmanager.schedulerservice.wsp”, select the “Deploy Solution” command on the next screen. This will present the following:

SharePoint 2010 Central Administration - Deploy Solution
Use this page to deploy the solution.

Solution Information
Information on the solution you have chosen to deploy.

Name: cs.sharepoint.rssmanager.schedulerservice.wsp
Locale: 0
Deployed To: None
Deployment Status:

Deploy When?
A timer job is created to deploy this solution. Please specify the time at which you want this solution to be deployed.

Choose when to deploy the solution:
 Now
 At a specified time:
3/10/2011 1 PM 00

Deploy To?
The solution contains Web application scoped resources and should be deployed to specific Web applications. Please choose the Web application where you want the solution to be deployed.

Choose a Web application to deploy this solution:
All content Web applications

Warning: Deploying this solution will place assemblies in the global assembly cache. This will grant the solution assemblies full trust. Do not proceed unless you trust the solution provider.

OK Cancel

Please note that this solution deploys to the entire farms. Once deployed, you'll be returned back to the Solution Management page. The deployment status should be “Deployed” on the solutions.

2 Configuring the RSS Manager

The RSS Manager is now available under the Monitoring option. Open the Monitoring page in Central Administration.



Timer Jobs

[Configure CS Notification Job](#) | [Review job definitions](#) | [Check job status](#) | [Configure RSS Manager Job Settings](#)

Select Configure RSS Manager Job Settings under Timer Jobs. The configuration page is now displayed where the RSS Manager can now be configured for use.

Mail Settings Specify the SMTP mail server to use and the From address	SMTP Server: <input type="text"/> Use Default Settings From address: <input type="text"/>
RSS Manager Site Collections Specify the site collections where the RSS Manager will be activated	Select Web Application: -select- Select Site Collection:
Service Credentials Specify credentials to run the extraction under or leave blank for default credentials	User Name: <input type="text"/> Password: <input type="password"/>
Failure Recipients Specify recipients to notify of feed download failure	<input type="text"/>
Feed Version Change Email Recipients Specify recipients to notify when feed versions change	<input type="text"/>

Mail Settings – Enter the SMTP Server name and the email from address which will be used when sending out the email notifications when a Feed Extraction error or Feed Version change occurs. To use the default settings currently defined in Central Administration select the Use Default Settings.

RSS Manager Site Collection – From the drop down list select the Web Application which will hold the RSS Feeds. Select the site collections where the RSS Feed Manager will be activated.

When the RSS Feed Manager is activated on a site collection the option Manage RSS Feeds will be displayed on the Site Settings page. This will now enable those users with site “Design” or “Owner” permission levels to add delete and configure feeds on the site collection.

Service Credentials – Every time the SharePoint timer job runs it downloads all the RSS feeds from their source. If service credentials are specified then the RSS feed extraction will be executed under those credentials. If no credentials are specified then the default SharePoint credentials with which the timer job runs will be used.

Failure Recipients – Specify those users who will receive an email upon feed extraction failure.

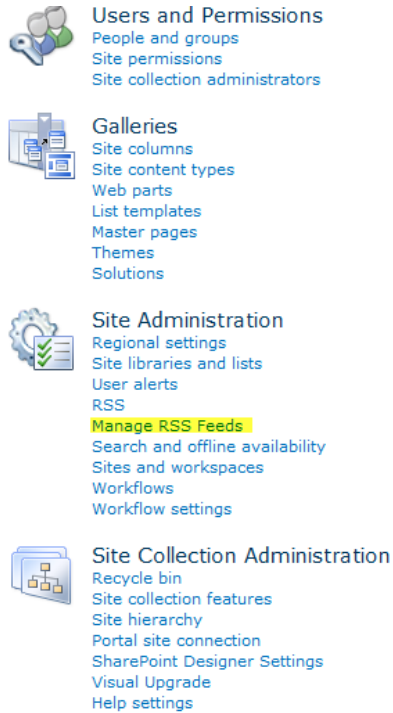
Version Change email recipients – Specify those users who will receive an email upon the feed version changing.

2.1 How to add a new feed to the RSS Feed Manager

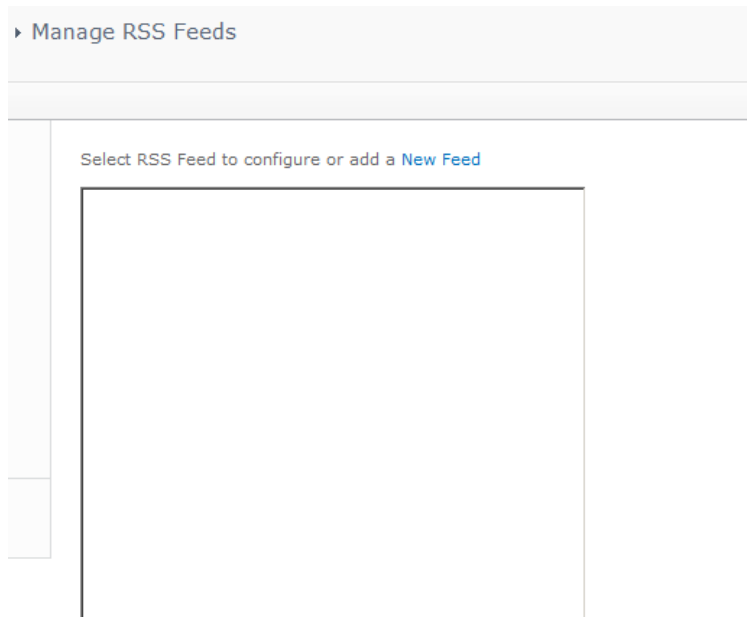
By adding a new RSS Feed a local copy of the feed along with any images will be stored locally within SharePoint. Web parts or components consuming the RSS feed now access the local version thus reducing external network traffic.

Navigate to the root site collection where the RSS Manager has been activated and select Site Settings from the Site Actions menu.

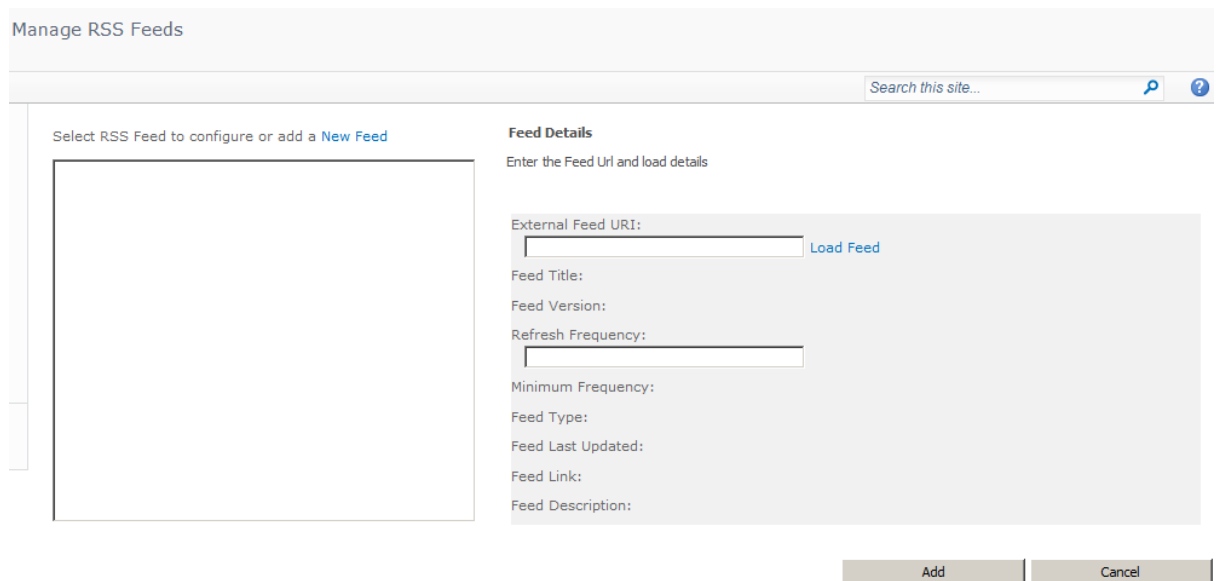
Select Manage RSS Feeds from under the Site Administration heading.



The following page is displayed. The feeds listed in the list box are those which have been configured within this site collection. If multiple site collections were selected in the RSS Manager Configuration page then only those feed which have been added to this site collection will display.



As there are no feeds added yet the list box is empty. Click on New Feed to add a new RSS feed.



Enter the External Feed URI (eg. <http://www.abc.net.au/syndication/rss-childrens-epg.xml>) into the text box and click Load Feed.

The feed is validated to ensure it is a valid RSS Version 2.0 feed and the details are displayed. The feed has not yet been saved.

Select RSS Feed to configure or add a [New Feed](#)



Feed Details

Enter the Feed Url and load details

External Feed URI:
 [Load Feed](#)

Feed Title:
ABC children's Television guide

Feed Version:
2.0

Refresh Frequency:

Minimum Frequency:
1440

Feed Type:
RSS

Feed Last Updated:

Feed Link:
<http://www.abc.net.au/tv/>

Feed Description:
ABC TV Children's Electronic Program Guide

Note: If the URI entered is invalid an error message will appear.

Feed Details

Enter the Feed Url and load details

Feed Not Found

Enter a Refresh Frequency for the feed. The Refresh Frequency will determine how often a copy of the feed is downloaded from the source. The Refresh Frequency cannot be less than the Minimum Frequency as defined in the feed source.

Feed Version:
2.0

Refresh Frequency:

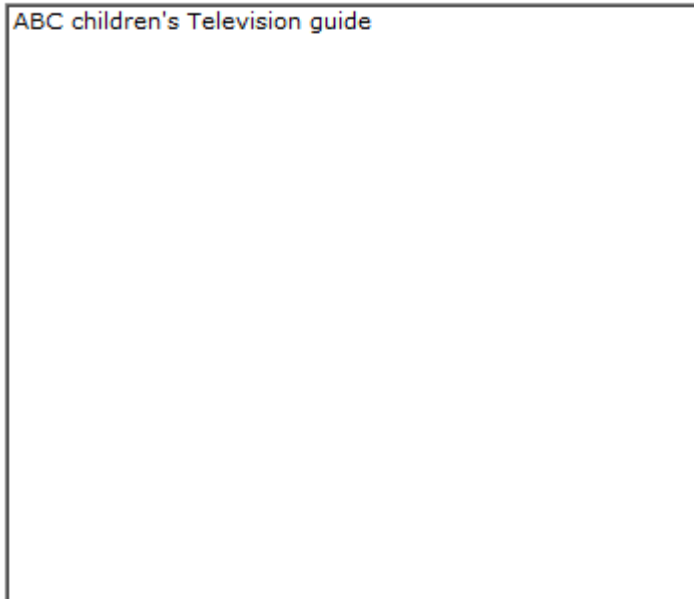
Minimum Frequency:
1440

Feed Type:
RSS

Click Add to save the feed to SharePoint.

The panel on the left will refresh to show all the feeds downloaded to the site collection.

Select RSS Feed to configure or add a [New Feed](#)



To modify or delete the feed, simply click on it and then choose the appropriate action.

Select RSS Feed to configure or add a [New Feed](#)

ABC children's Television guide

Feed Details
Enter the Feed Uri and load details

External Feed URI:
http://www.abc.net.au/syndication/rss-childrens-epg.xml

Feed Title:
feed.xml

Feed Version:

Refresh Frequency:

Minimum Frequency:
1440

Feed Type:
RSS

Feed Last Updated:

Feed Link:
http://www.abc.net.au/tv/

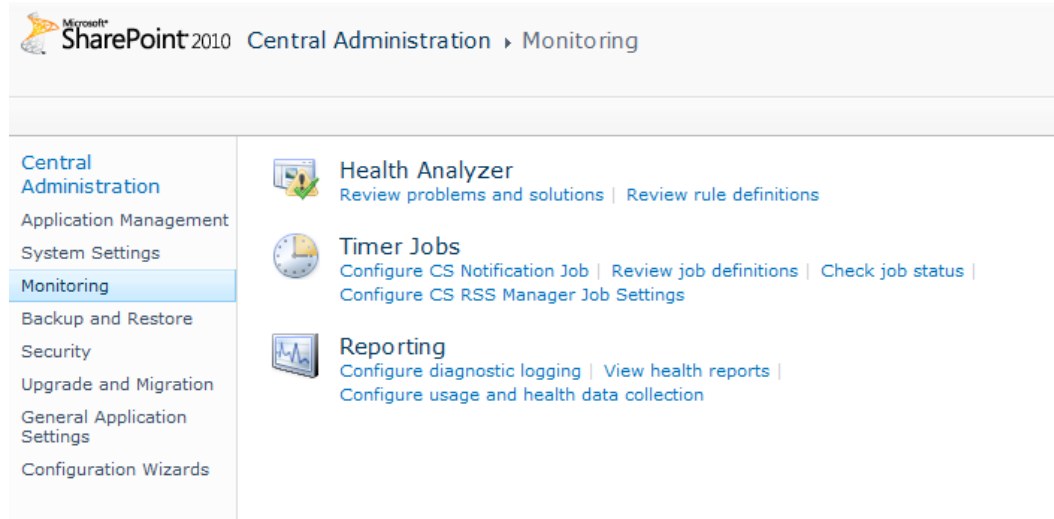
Feed Description:
ABC TV Children's Electronic Program Guide

[Update](#) [Delete](#) [Cancel](#)

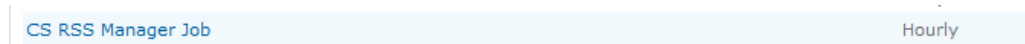
2.2 RSS Manager Timer Job Schedule

The RSS Manager runs on a timer schedule as defined within Central Administration. The RSS Manager Timer job when run will iterate through all those site collections specified in the configuration screen and download the RSS feed according to the refresh frequency.

To modify the timer job schedule open the Central Administration site and select Monitoring



Select Review job definitions. Select the CS RSS Manager Job from the list



The timer job schedule page is displayed. The recurring schedule can be modified or the timer job can be manually started by selecting Run Now.

Job Title	CS RSS Manager Job
Job Description	
Job Properties This section lists the properties for this job.	Web application: N/A Last run time: 3/17/2011 1:01 PM
Recurring Schedule Use this section to modify the schedule specifying when the timer job will run. Daily, weekly, and monthly schedules also include a window of execution. The timer service will pick a random time within this interval to begin executing the job on each applicable server. This feature is appropriate for high-load jobs which run on multiple servers on the farm. Running this type of job on all the servers simultaneously might place an unreasonable load on the farm. To specify an exact starting time, set the beginning and ending times of the interval to the same value.	This timer job is scheduled to run: <input type="radio"/> Minutes Starting every hour between <input checked="" type="radio"/> Hourly 0 minutes past the hour and no later than <input type="radio"/> Daily 5 minutes past the hour <input type="radio"/> Weekly <input type="radio"/> Monthly

Run Now Disable OK Cancel