InteractiveWebs Bulk Emailer

Version 62.07.17

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Getting Help?

We have several locations that will assist you with the module.

1. This manual
2. Update History http://www.interactivewebs.com/Support/ModuleUpdateNews.aspx
3. **The website**: http://www.interactivewebs.com/bulkemailer
4. **Knowledge Base**: http://www.interactivewebs.com/Support/KnowledgeBase.aspx
5. **Forums** at our site: http://www.interactivewebs.com/Support/tabid/160/Default.aspx
6. Using the **contact us** page from our website: http://www.interactivewebs.com/

Before you begin

Minimum DNN Version

The minimum version of DotNetNuke required for this release is **DNN 6.2x or later**. If you need a version that works with earlier DNN versions please contact us here.

File Types

You should enable two additional file types in DNN. This is done by logging in as a HOST and on the HOST menu select HOST SETTINGS / OTHER SETTINGS / and in the file Upload Extensions, adding ",docx,mht,mhtml,csv,xls" without the "".

My settings now look like this...

xlsx,pptx,swf,jpg,jpeg,jpe,gif,bmp,png,doc,xls,ppt,pdf,txt,xml,xsl,css,zip,ico,db,wmv,asx,flv,docx,mht,mhtm,csv,xls,

Configuring SMTP in DNN for Bulk Emailer

The Bulk emailer module uses the SMTP settings configured in DNN. It is VITAL that these settings be configured correctly. Failure to configure SMTP settings will most definitely stop the module from working correctly.

A couple of "DO NOT's" first.

1. Do not use Google as a gateway. They only allows around 400 messages per 24 hours to pass outbound.
2. We are not going to list them all, but we would expect similar limitations on Yahoo and Hotmail etc.
3. If your server uses an exchange mail server with an IMF (intelligent mail filter) configured. Either use authentication to pass mail (even though it is not required) or turn IMF off. We have found that the IMF does not like bulk email without authentication.
4. If you are using an external ISP for email, you must use authentication.

   Remember: A test to your own email account proves nothing. It does not test if your SMTP server is locked down (as is should be) requiring authentication for sending.

DNN SMTP Settings

DNN Websites have the ability to configure in the host settings an SMTP server. When a DNN email is generated from the DNN website, it will attempt to send mail through this SMTP server.

In order that your DNN website can successfully send the email, the SMTP server must allow the email message to be received. Typically this is done in one of four ways.

1. The SMTP server is configured for Open Relay (This should NEVER be done unless you have an external firewall blocking all external SMTP connections. Otherwise your mail server will become a spam server within hours)

2. SMTP Authentication – Typically SMTP servers are configured to allow users with a valid username and password to authenticate themselves. Once they have been authenticated, they can communicate email messages through the SMTP server. This is the same way most ISP's work their mail servers. The idea is that only users who are customers of the ISP will allow email to be sent from their SMTP servers.
3. Selective Open Relay. The administrator of the SMTP server can also allow Open Relay (same as 1 above) from selective IP addresses. Any communication from an IP address that is configured to allow open relay will be accepted by the SMTP server.
4. Local Host – If your website has its own SMTP server configured, typically it will allow email message to be sent form itself.

To correctly configure your DNN SMTP settings, you need to understand what method of communication has been configured in the SMTP server you are trying to set DNN to access.

Here is the process you would configure from above.

1. Enter the IP address or valid domain name for the SMTP server, nothing more to do if open relay is allowed. (Still not recommended)
2. Enter the IP address or valid domain name for the SMTP server, and the valid user name and password as would be used to communicate with the SMTP server. This is where you get to use the user name and password setting in DNN.
3. Ensure that the SMTP administrator has allowed the IP address your DNN website uses to have open relay status. Then just enter the IP address or domain name of the SMTP server in your DNN host settings.
4. Configure your DNN host settings to have "localhost" in the DNN SMTP server settings are.

Problems

There can be some issues that get confusing with the different methods.

1. Open relay mail servers will be attacked by spammers very quickly. They are always on the lookout for mail servers that they can abuse. It is never recommended to have your mail server on the internet and in open relay. Additionally your mail server will be blacklisted by other mail servers if found to be in open relay.
2. SMTP Authentication can still be restricted to certain IP addresses. Many ISP's will allow you only to use their mail servers while you are a client of their AND connecting to their mail server from an IP address they own. So thing will work in your Email applications while you are connecting to the internet via their dialup or high speed connection, but as soon as you move away from a connection provided by them, you will not be allows to connect to their servers, let alone Authenticate.
3. Even if your ISP has allowed relay from the address that your mail server is run form, there may be a firewall or block on the normal port that the SMTP servers are typically configured to use. Port 25. If a firewall exists between your web server and the mail server, it must be configured to allow traffic over port 25.
4. You may have web server configured with an SMTP server on the same system. Yet have it be blocked over port 25 for outbound communications. Some ISP's block port 25 to curb the flow of virus email messages. You

need to be sure that your ISP that provides connection to the internet for your web and SMTP server is not blocking port 25.

How to get really confused about SMTP setup

Often mail servers will allow you to send email messages to email addresses on that SMTP server, even though they do not allow you to send mail out. So if you have a web application configured to send email to yourself, and the SMTP settings you use in the DNN host settings are for the SMTP server that runs the same email address you will have success.
Yet when you change the email address in the web application, you can no longer send email, and the web application appears to fail. This is still an SMTP configuration error on your website. You will need to find a method above to solve the issue.

DotNetNuke SMTP Podcast

We have produced a Podcast talking about SMTP settings in DNN. You can listen to the Podcast Here.

Third Party SMTP Service

We have enabled Amazon Simple Email Service to work with this module. The advantage of this is that it allows you to send email messages at very low cost, without limitations that are often applied to hosting services by your host providers. Additionally the SES service has an extremely robust and reliable delivery service. More details can be found here.

Installing the Bulk Emailer and Opt-In modules

The module installs like any DNN module, using the host login and module definitions. Remember to backup before installing any DNN module. Ensure that you have DNN 6.2x or later.

Please see the help video at: http://www.interactivewebs.com/bulkemailer

There are three PA files in the Bulk Emailer xx.xx.xx Downlaod.ZIP file. These will include:

- BulkEmailer xx.xx.xx PA.ZIP – This is the mandatory install that makes the Bulk Emailer Function that is used in a 32 bit server environment.
- BulkEmailer xx.xx.xx PA-x64.ZIP – This is the mandatory install that makes the Bulk Emailer Function that is used in a 64 bit server environment.
- BulkEmailOpt-In xx.xx.xx PA.ZIP – For added the included Opt In Module that allows you to create custom lists that users can OP into. (This is an optional install and is not needed for the Bulk Emailer module to function.)

Important - 32 or 64 Bit?

You only need to install one version of the Bulk Emailer xx.xx.xx PA file listed above, and you will need to know if you are running a 64 bit server environment or 32 bit server environment. If you are not sure, please check with your host admin before installing.

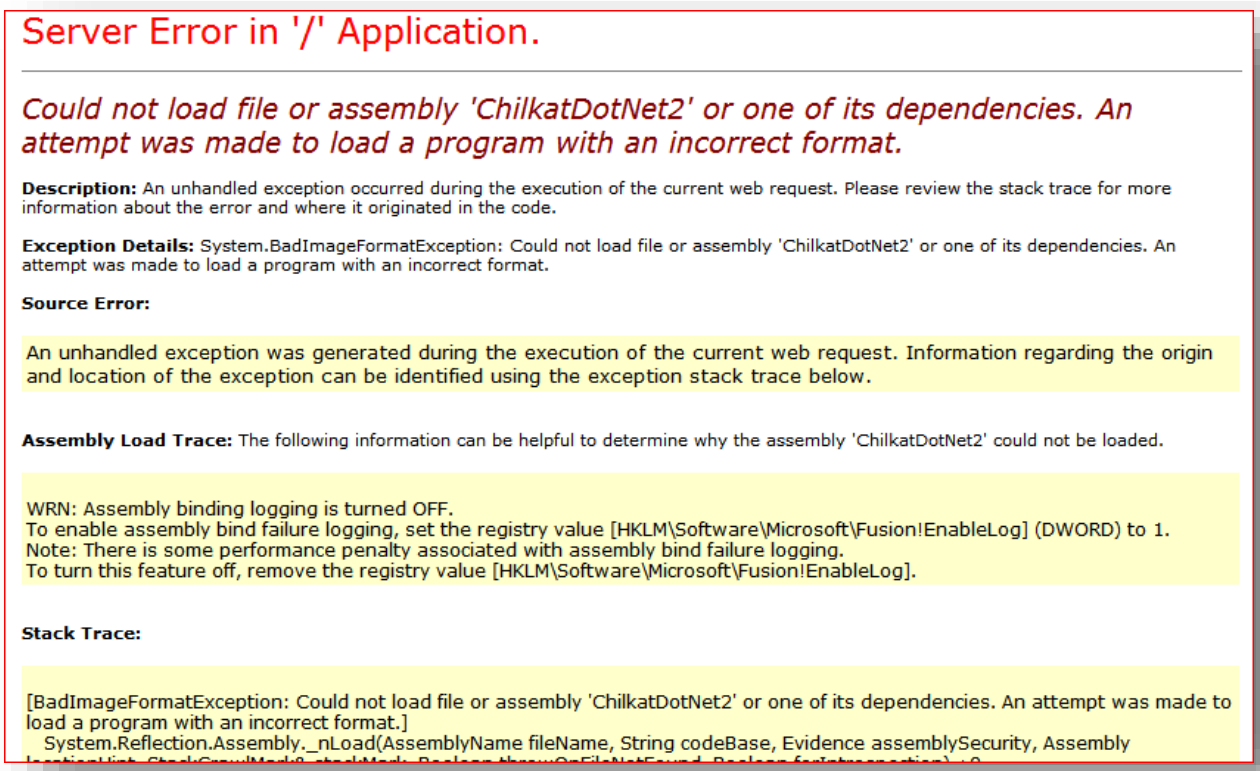
The only difference between the two files is a file found in the /Bin directory on your site. The file is called: **ChilkatDotNet2.dll**. If you find you installed the wrong version, your site will most likely "die" with a standard .net error. In this case, just delete this file: **ChilkatDotNet2.dll** and install the other version of the module.

Windows 2003 64 Bit

It is a little known fact that by default, IIS running on a 64 bit windows operating system is running in 32 bit mode. Unless the server admin has flipped it into 64 bit mode. For this reason, it is suggested that users of Windows 64 Bit install the standard or 32 bit version of the module.

Error on Instillation

Microsoft in its wisdom has made 64 bit compatibility rather complex. A 64 bit server can be running in a mode that does support 32 bit, but will not support 64 bit applications, and vice versa. With the install of the module, you may encounter an error that looks like this:



Server Error in '/' Application.

Could not load file or assembly 'ChilkatDotNet2' or one of its dependencies. An attempt was made to load a program with an incorrect format.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.BadImageFormatException: Could not load file or assembly 'ChilkatDotNet2' or one of its dependencies. An attempt was made to load a program with an incorrect format.

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

Assembly Load Trace: The following information can be helpful to determine why the assembly 'ChilkatDotNet2' could not be loaded.

WRN: Assembly binding logging is turned OFF.
To enable assembly bind failure logging, set the registry value [HKLM\Software\Microsoft\Fusion!EnableLog] (DWORD) to 1.
Note: There is some performance penalty associated with assembly bind failure logging.
To turn this feature off, remove the registry value [HKLM\Software\Microsoft\Fusion!EnableLog].

Stack Trace:

[BadImageFormatException: Could not load file or assembly 'ChilkatDotNet2' or one of its dependencies. An attempt was made to load a program with an incorrect format.]
System.Reflection.Assembly._nLoad(AssemblyName fileName, String codeBase, Evidence assemblySecurity, Assembly

This is a clear indication that the version you installed 32 or 64 bit, was not supported by your server. The fix for this is simple.

1. Navigate to the: /bin folder in your website.
2. Delete the file called: ChilkatDotNet2.dll
3. Install the other version of the module (32 or 64 bit depending on what you installed first)

Updating Bulk Emailer and Opt-In

Bulk Emailer and the Opt-In module will update to any previously installed version. Just load the new module over the top of the other. No need to uninstall the previous version.

You may download the latest version of both of these modules in accordance with our update policy.

The modules are packaged in the Bulk Email package and found on our site under Module Downloads.

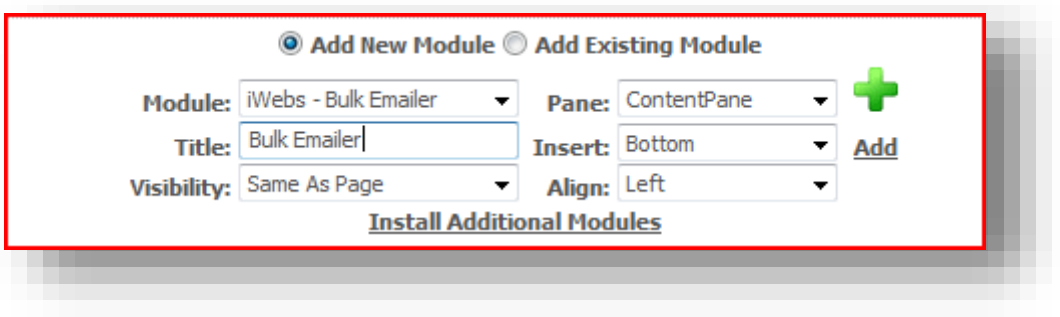
Creating a page for Bulk Emailer

We recommend that you create a new page on your DNN website and ensure that the permissions are configured to allow only administrators (or another limited role) to access the page. It is not a good idea to allow the public to be able to see the module, as they will then be able to send email to members of your site using the module.

On the settings of the page, ensure that all users view is NOT checked.

Adding the module to a page

Just like any DNN module, you select the module and specify a name and location, then click add to place it into a page.



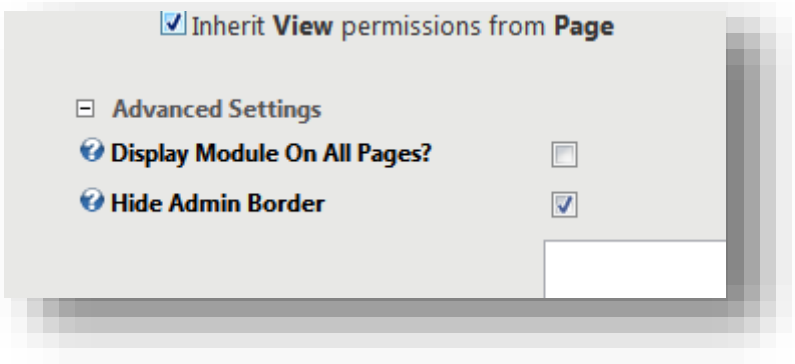
Removing the Visible by Administrators Only Message

To avoid users who click an unsubscribe link from seeing a message that the module is visible by administrators only. There are two ways to fix it.

1. You can use a Role that is other than the Admin role. For example, setup a user role called Bulk Emailer, and set the page viability to that role. This will cause the "Visible by Administrators Only" box to be removed.

2. Also you can turn this boxed admin only view off. If you go to the page with the Bulk Emailer module on it, and go into the Settings for the module container that the Bulk Emailer sits in. Then go to Advanced Settings + and tick the option to "Hide Admin Boarder" only message. This too will fix the issue you describe.

Note: This hide admin boarder is not an option in early DNN versions.



Configuring Bulk Emailer – First Start

When you first Start Bulk Emailer, there are some additional steps that need to be completed before the module is ready to use.

Installing System Files

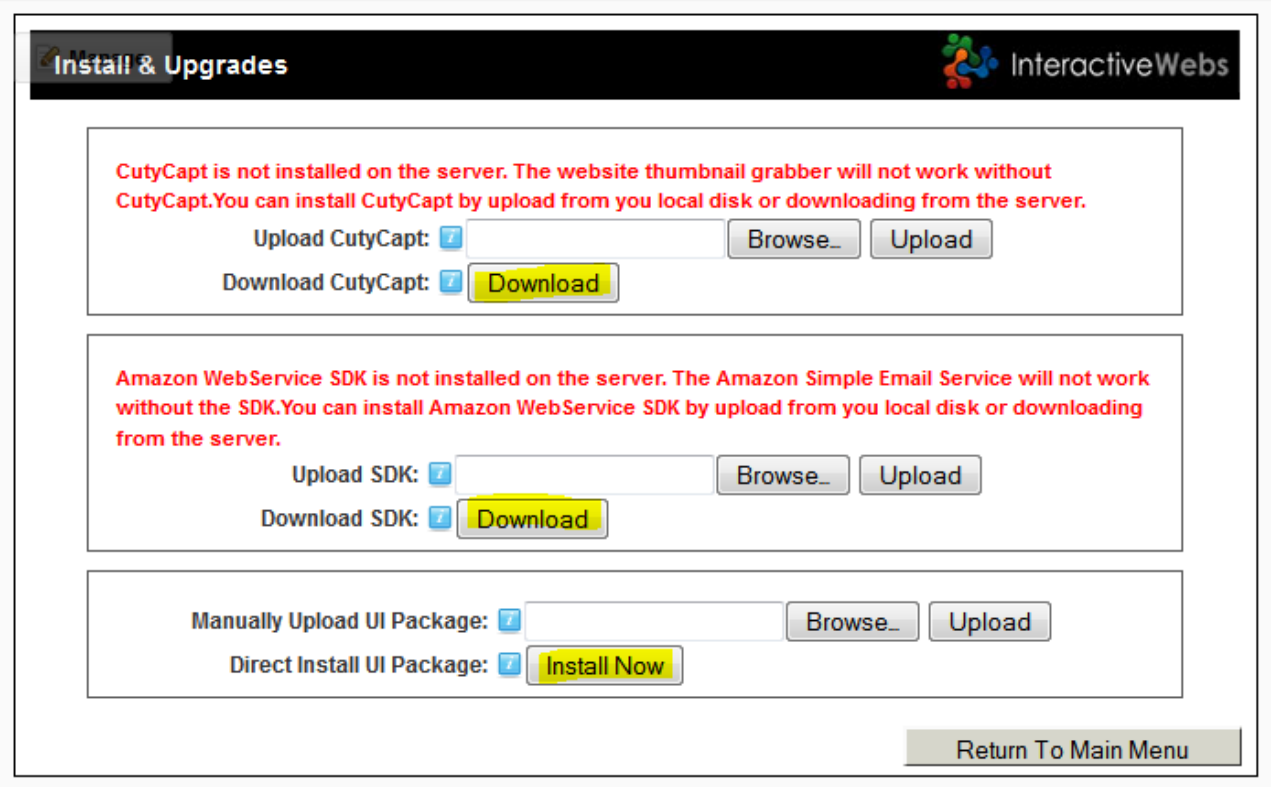
There are three types of system files that should be installed.

1. Amazon Web Service – Allowing email messages to be sent out using the Amazon SES service (in effect an SMTP service)
2. UI Package – Allowing the great new User interface dashboard to be accessed.
3. CutyCapt - is a technology that renders icons of websites based on the links in your Email Messages. Bulk Emailer requires this to complete tracking icon generation.

All of these files are too large to be included in the package that loads with the module. So we have separated them into “in module” downloads and attempted to keep the instillation simple and reliable.

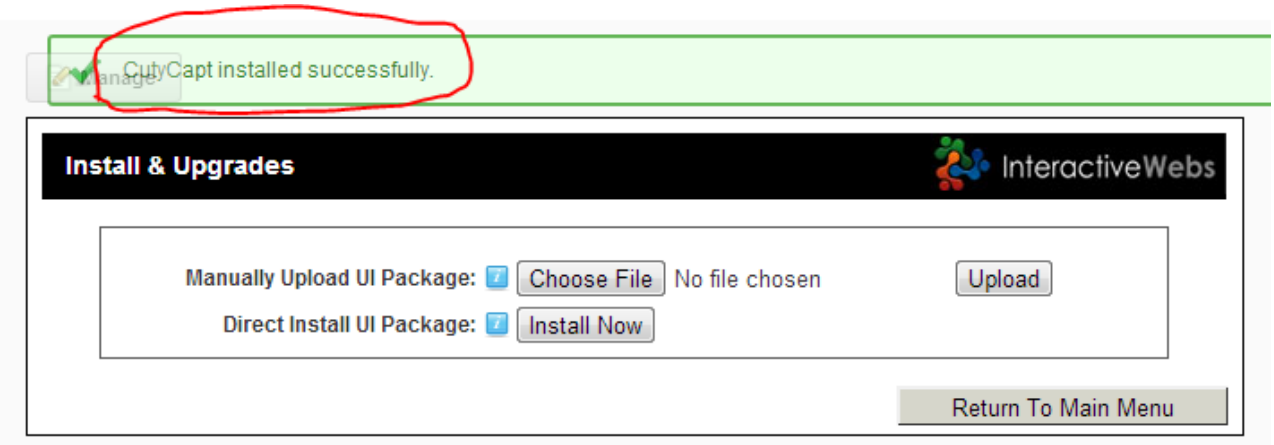
The Easy Way

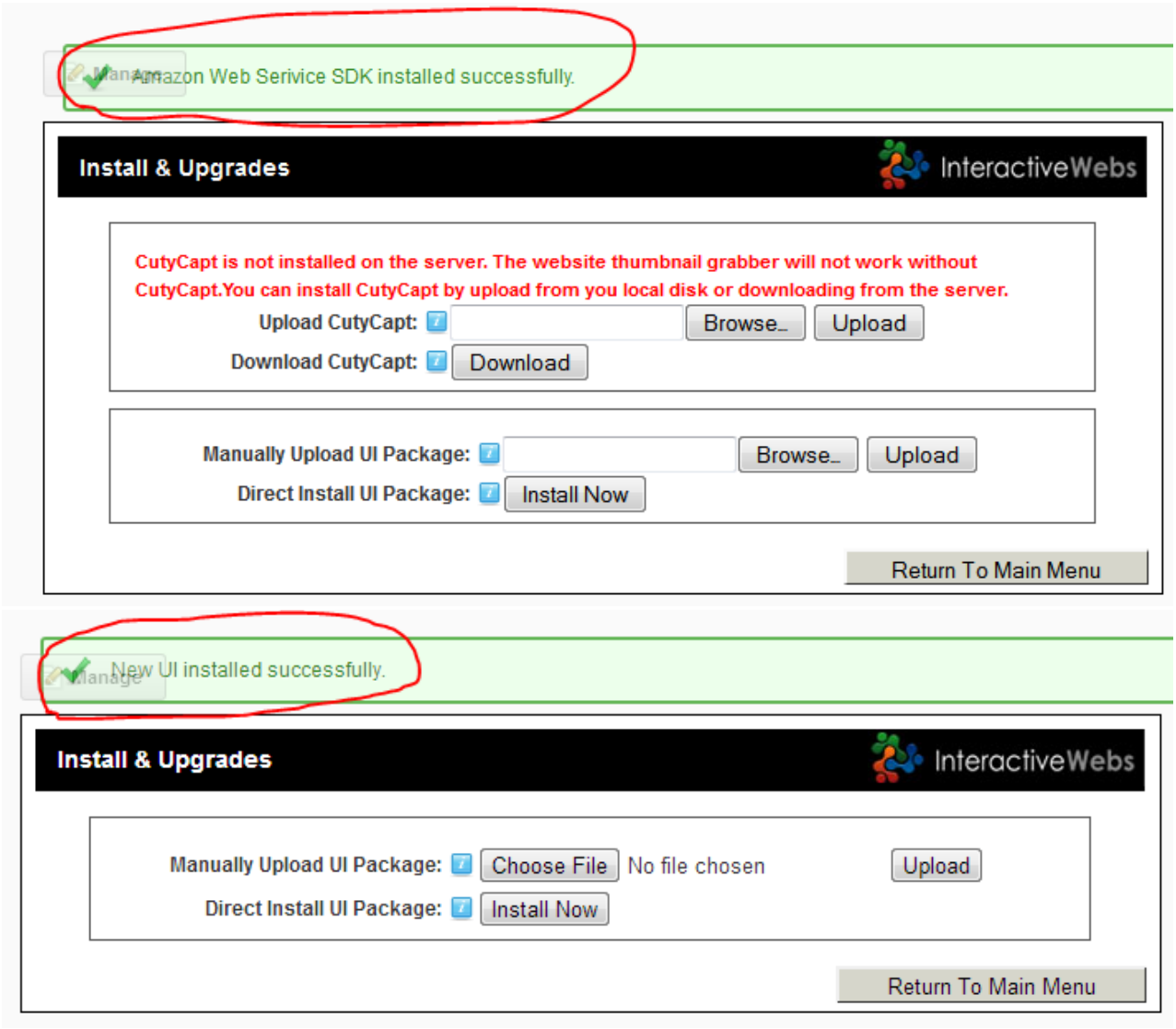
1. Click the Install System files.



2. First for the CutyCapt, Click on the “Download” and waiting for up to 10 minutes. Then repeat this for the Amazon Web Service, and lastly the “Install Now” button and waiting for up to 5 minutes.

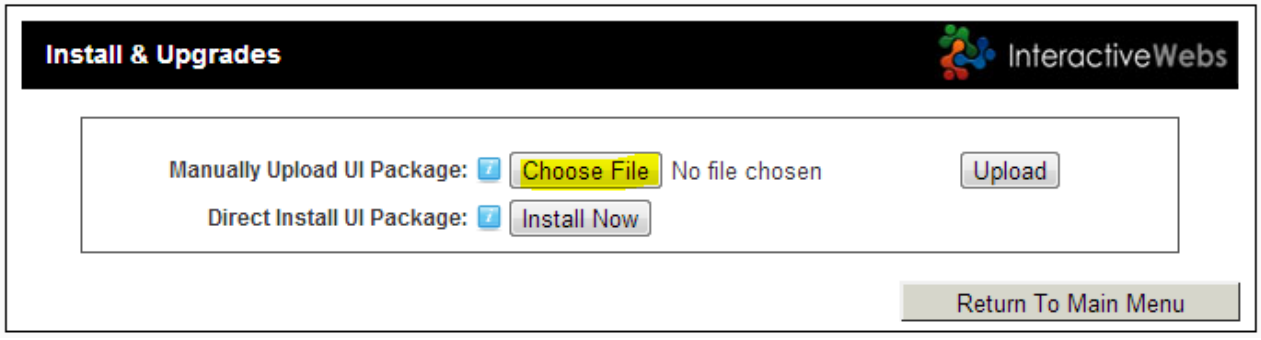
   And depending on where you are in the world, you may need to wait for several minutes (with you site not apparently doing much) while CutyCapt and the UI package are installed from our website to yours.
3. What you are looking for is this:



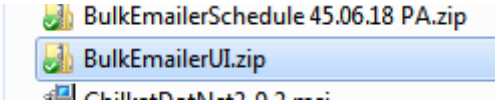


The Other Way

1. Locate the download package from our website for the Bulk Emailer.
2. Extract the contents of the Download.zip file to a folder on your computer.
3. Select Chose File

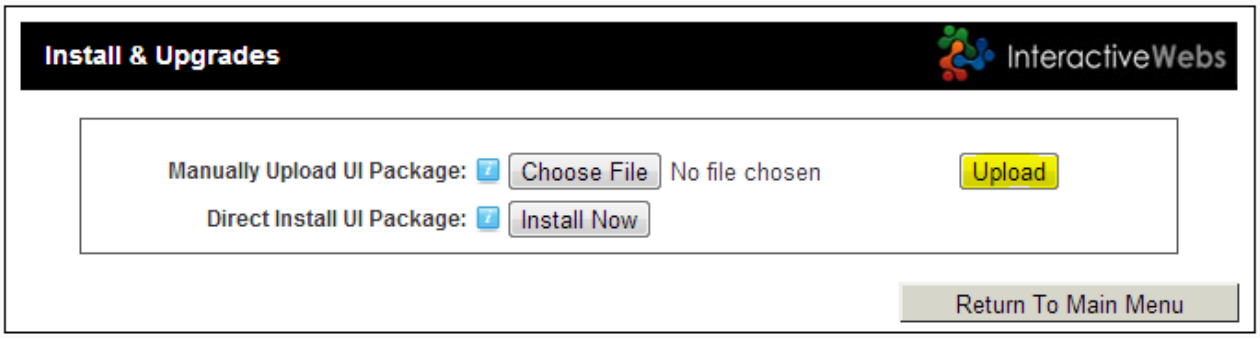


4. Navigate to the file called: BulkEmailerUI.zip

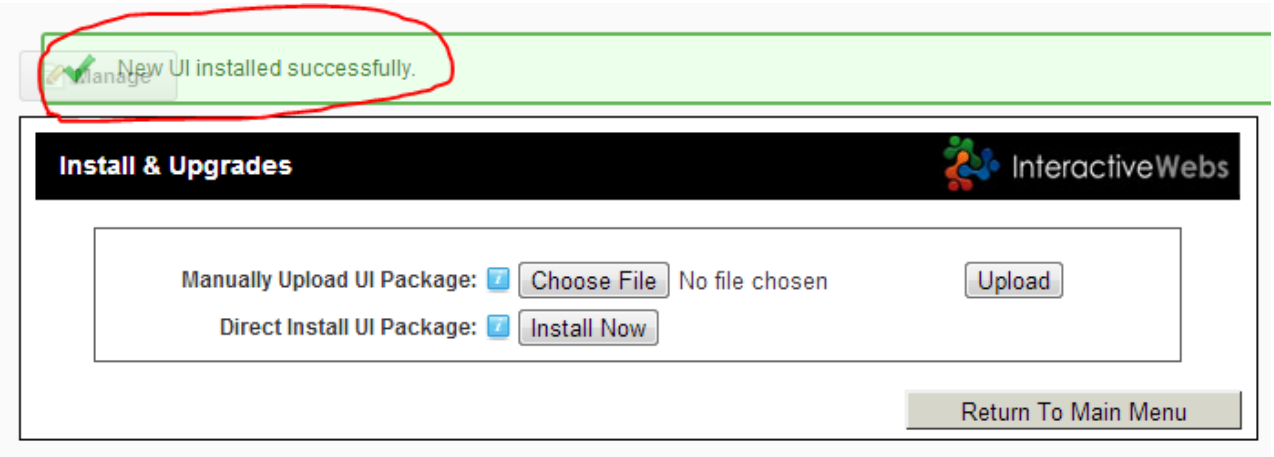


5. Download the CutyCapt.zip file from her:
   http://www.interactivewebs.com/portals/0/software/cutycapt.zip
   and look for the file called: CutyCapt.zip

6. Click Upload



7. Look for the Correct Install Message



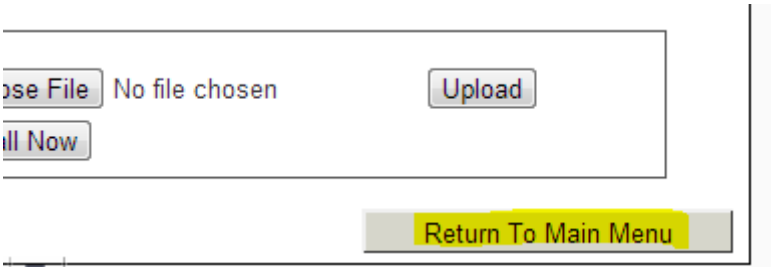
Note: If manually installing the files. The CutyCapt.exe will end up in a folder on your web server called: \DesktopModules\BulkEmailer\Thumbnails

The Amazon Web Service AWSSDK.dll will end up in the \bin\ folder

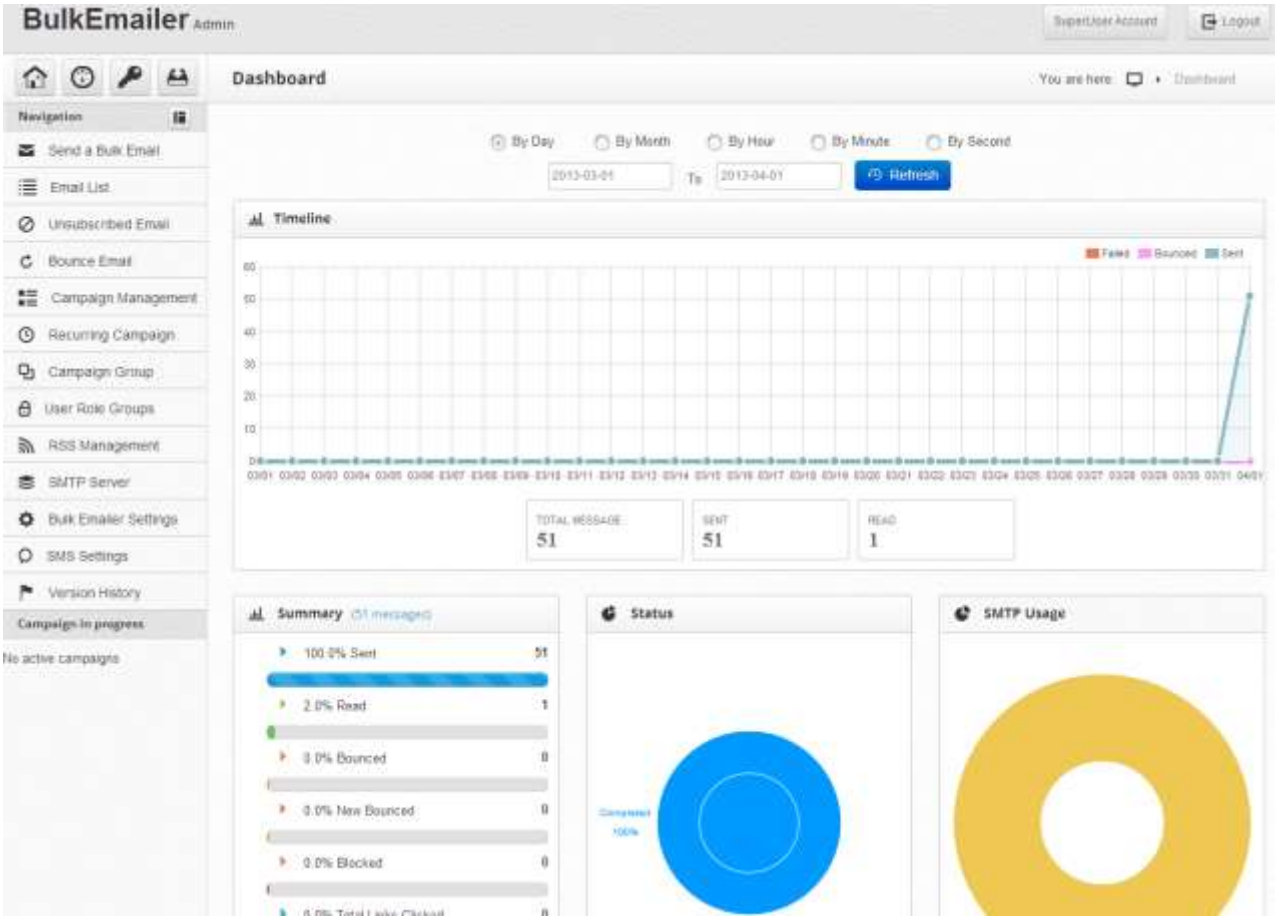
The UI package ends up in a lot of folders and can't be installed manually with ease.

After Installing the UI Package

After Instillation, you will be able to “Return to Main Menu”

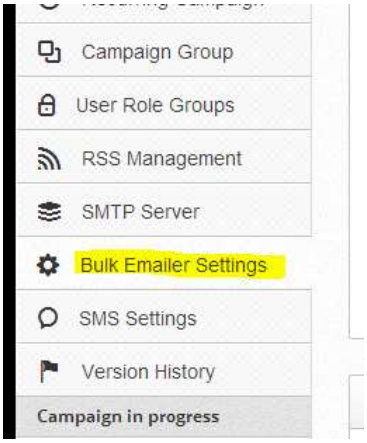


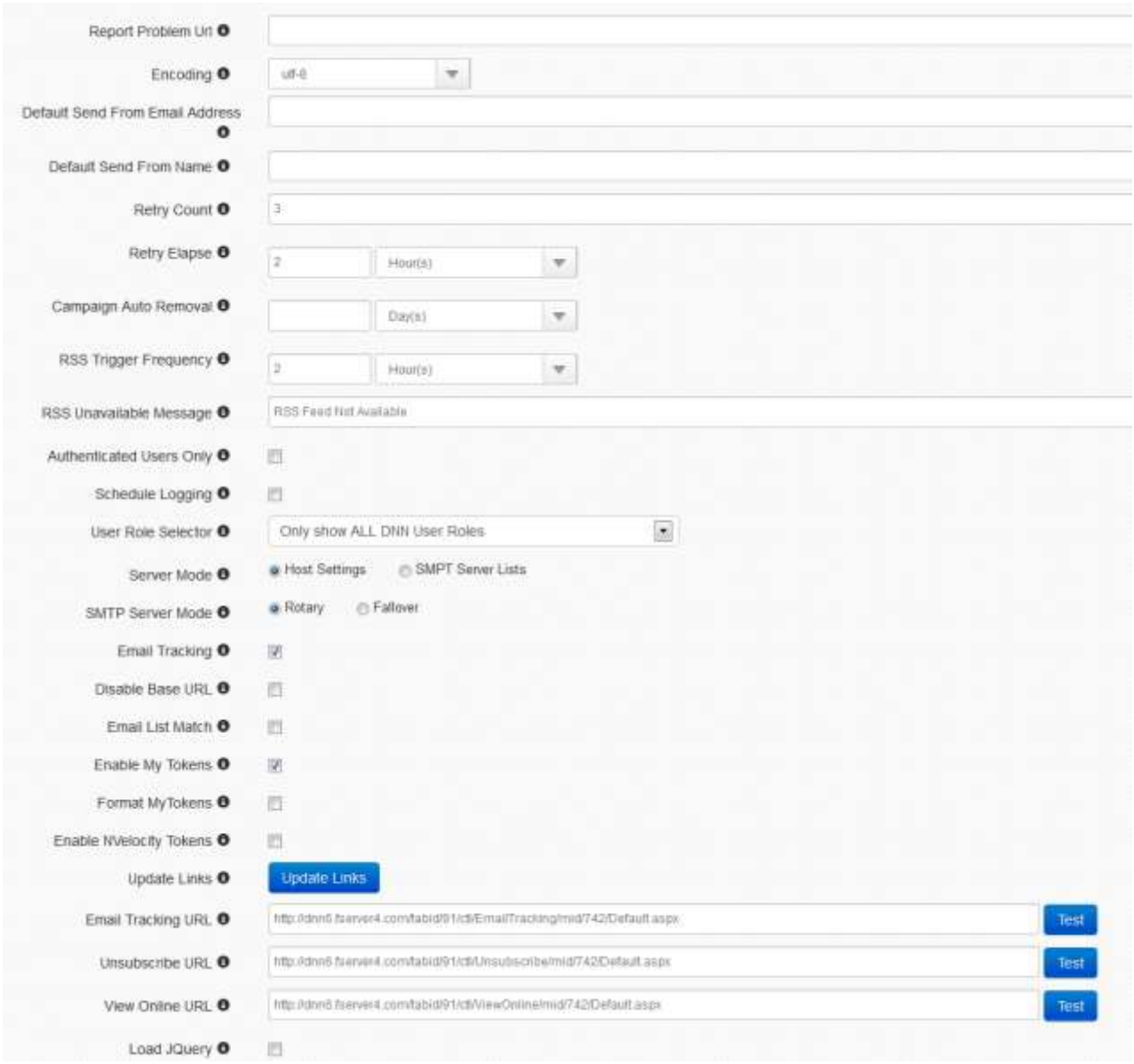
And open the Dashboard



Bulk Emailer Settings

Navigate to the Bulk Emailer Settings





Report Problem URL

Enter a page on your website where people can contact you to report problems they are experiencing with the unsubscribe feature of the module. We suggest that this URL have a contact form as a minimum. (Suggest our Feedback Designer Module)

Encoding

This is the method of encoding that is applied to outbound Plain Text and HTML messages. The options are utf8 or utf-7. The suggested method is utf-8 however some older smtp servers can only handle utf-7. If you are using an outbound smtp server that has this restriction, then select utf-7. Be warned that some html recipients like Gmail will have trouble displaying messages that are encoded with utf-7.

Default Send from Email Address

If this is not set, then the default “From” email address is the email address of the account you are logged in with when you access the bulk emailer. If you set an email address in this filed, bulk emailer will use this as the default “from” address when sending email messages. Set our not set, then default “from” address can be overridden when actually sending an email. *Note: This must be a valid email address or your messages are likely to be spam blocked.*

Default Send from Name

This is the default name that will appear in the from data when the email messages are received. This is similar to the “Display Name” that you set in an email client program.

Retry Count

The number of times that the module should try to send a message before it gives up and marks the message as failed. A good number here is 3.

Retry Elapse

The time between retries on sending a message through your configured SMTP server. This should take into account strange interruptions between your website and your SMTP server. If you have an unreliable system, you make want to make this a figure like 24 hours. Normally we recommend 1 hour.

RSS Trigger Frequency

Defines the time interval that the schedule will check for RSS updates for recurring campaigns whose type is RSS Trigger. RSS feeds must have an available order by date in them to trigger the detected of new feed data. Just about every well formatted RSS feed will have this, but it is possible to be missing from the feed. It is possible to manipulate RSS feeds with services like Yahoo Pipes.

RSS Unavailable Message

This is the default text that will be used in an email message is an RSS token is used but the RSS feed is not available at send time.

Authenticated Users

Ticking this option will set all campaigns to only send to users who are Authenticated Users in DotNetNuke membership database. This is an easy way to ensure that you do not send messages to users who are not authenticated.

Schedule Logging

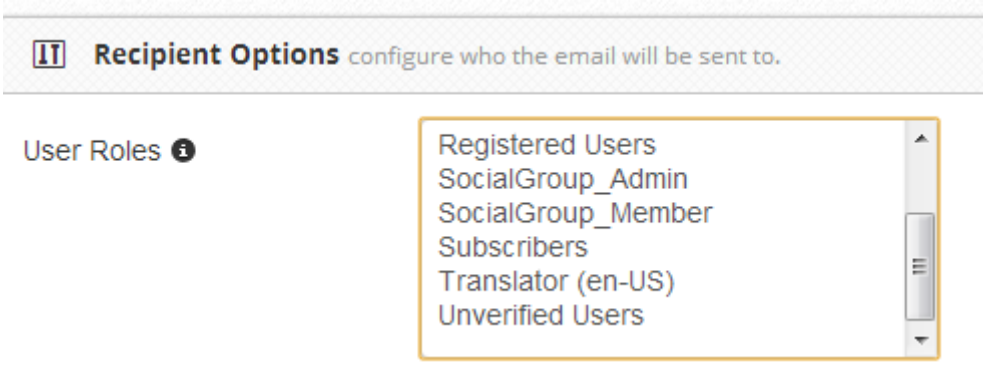
This option allows the DNN scheduler process to log more data about the processes you are completing with the Bulk Emailer schedule items. Mostly this is only used for trouble shooting, and should not be ticked unless a support team members requests you to tick this.

User Role Selector

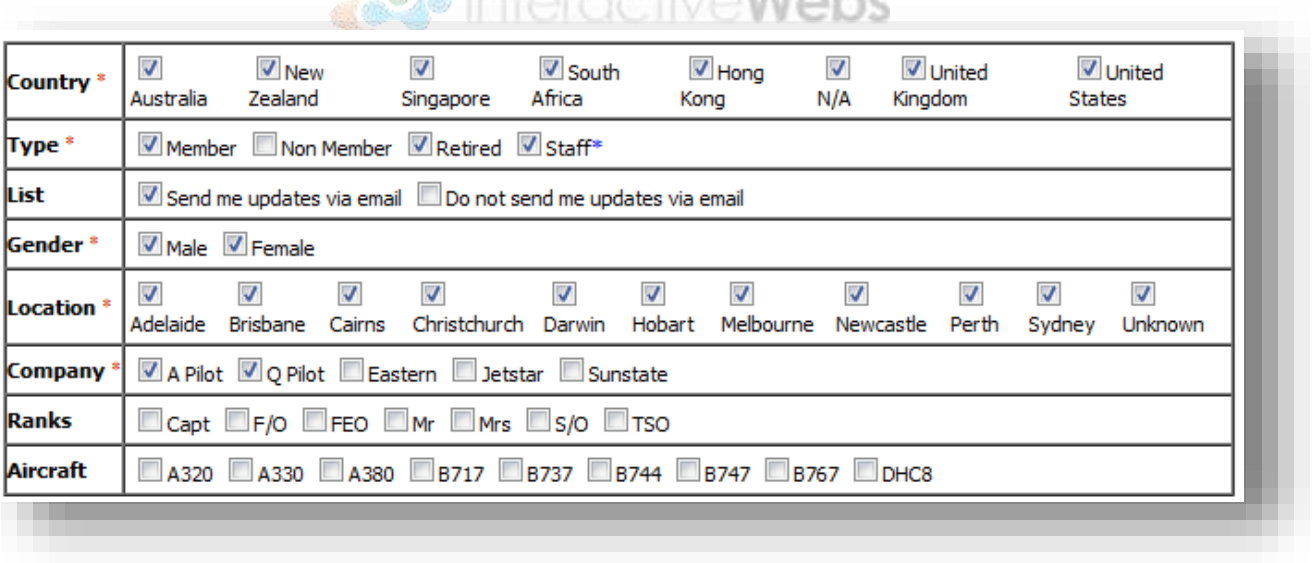
Define the view of the User Role Selector. This is used in conjunction with the User Role Groups.

To define a custom selector for DNN Security Roles. An example of the standard selector is:

Default is “Only Show All DNN User Roles” and is:



And an example of the use of the User Role Selector can create a view like this:



Read more here.

Server Mode

Defines if the module uses the SMTP server configured in the DNN Host settings (Host Settings) or if it makes use of the defined SMTP servers set in the SMTP settings area of this module. By Default it is set to Host Settings, and does not need to be changed if the SMTP server is correctly configured.

SMTP Server Mode

In rotary, the email sends a number of messages from a campaign to the first server, then will send a number of messages to the next, then next etc. If the setting for sending is set to fall over it will try to send all the messages to the number 1 server. If the number 1 server is not available, then it will try number 2. Then 3 if that fails etc.

Email Tracking

Ticking this box will track email messages. Un-checking this option will turn the email tracking features off. This feature requires the install of CutyCapt as described in the initial setup and install instructions of the manual.

Disable Base URL

Check this option to prevent adding site base URL in outgoing emails. This can be used with email messages that have anchor tags in the html. This feature is mostly for people who have specific links in their messages that do not conform to the base URL of their site.

Update Links

If you change the domain name that this module is operating on, then you should click 'Update Links' to reset the base URL for Email Tracking, Unsubscribe and View Online. This is useful when you develop your site on one domain and go live on another. In that case, clicking the Update URL will fix any incorrect domain name information.

Disable Base URL

This option was added to allow the use of anchor tags in email messages. Checking this option will disable the base URL being added to all outgoing email messages. This allows anchor tags to work correctly, but may have strange results if your images are using relative URL's.

Email List Match

When you send email messages using the Bulk Emailer to custom lists that have been imported using the email list configuration, there are some considerations with the matching of First and Last names. If you send an email to an address that exists both in a custom list and as a user in the DotNetNuke website, the module will automatically identify the First and Last name from the DNN user account. Remembering that it is possible to send email messages to both lists and users at the same time. This logic of using DNN user details over imported list details is intentional. If you want to disable this logic and force imported lists First and Last names to be used where available, then select this Email List Match item.

Enable MyTokens

Enables the use of a third party module called "My Tokens" by DNNsharp.com. The third party system is a token system that expands the DNN tokens feature. Additional information about it's use can be found here.

Format MyTokens

Format MyTokens will strip out additional text for tokens when converting from MS Word documents or MHTML documents. As we point out later in the manual, we point out that advanced features such as tokens may only have limited success when using MS Word for a send method.

Update Links

This feature will update the link for the three options below, they are the email tracking, unsubscribe URL, and view online URL. These three links are required by the module to automatically track and manage email messages that are sent through the module. Problems can arise when you initially setup the module in a development URL before moving to a live website URL. In this instance, the Update Links feature will attempt to pick-up the correct URL that the module is operating on. If it fails, the three links can be manually updated too.

Email Tracking URL

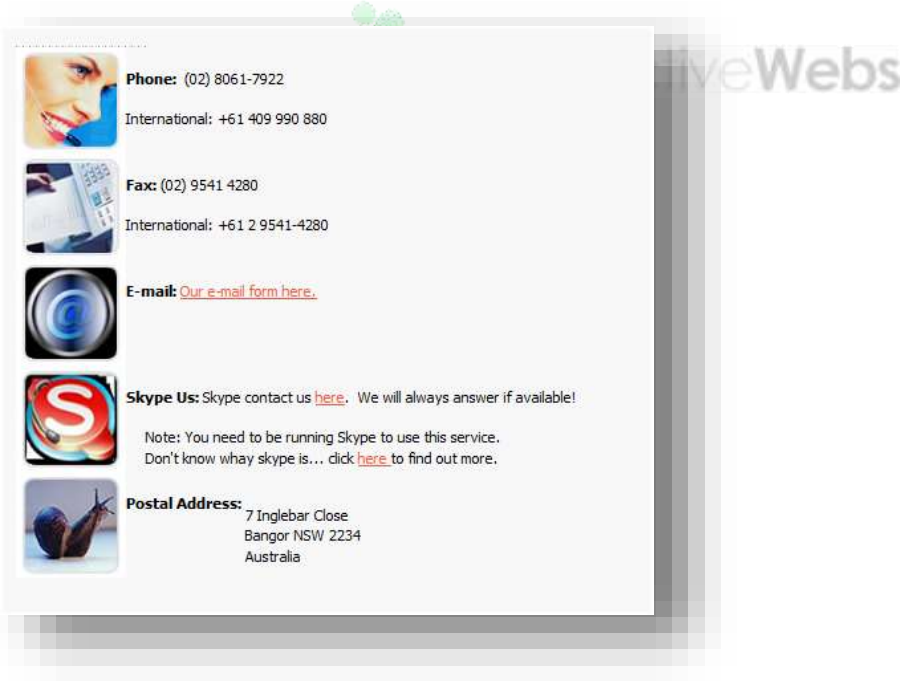
Will display the test page for tracking monitoring of email messages.

Unsubscribe URL

Email Settings has a variable “Report URL” field. This field is a URL (normally on your site) that allows you to direct people who are having issues with unsubscribing from email lists to a help page on your website.

We recommend either creating a custom help page, or using the URL of your contact details page on your site. Either way, you should have the ability for people to email you or phone you for support in this URL.

We are using this page for example:
http://www.interactivewebs.com/ContactUs/tabid/55/Default.aspx



Load JQuery

Check this option to load JQuery core library jquery-1.4.2.min.js from this module. Since DNN5 include JQuery in its framework, please uncheck this option if you are sure jQuery has already been loaded. Certainly in DNN 6 and 7 this should normally be unchecked.

Server Hosted on WebFarm

When ticked, a message will appear warning you that additional steps are required. "Please refer to the manual for additional steps in setting up the WebFarm environment."

There are special requirements for running this module on a WebFarm. Enabling this option will prevent the module from auto enabling the "iWebs BulkEmailer EmailSchedule" Schedule job, in the DNN Host Scheduler. There are other special configuration requirements in the module setup. Please reference the manual for the additional steps required on a web farm.

We have identified a feature of Bulk Emailer for DotNetNuke that has caused some issues with the running of the module on a WebFarm.

There is an automatic enable feature that checks when you start a bulk email message that the scheduler for the module in the Host / Scheduler is enabled. If it is not enabled, the module will enable it.

The Problem

With WebFarms there are two processes that run at the same time.

This will cause duplication of sending email messages.

The solution is easy… just disable one of the schedule processes. However this will be automatically re-enabled by the module.

The Fix

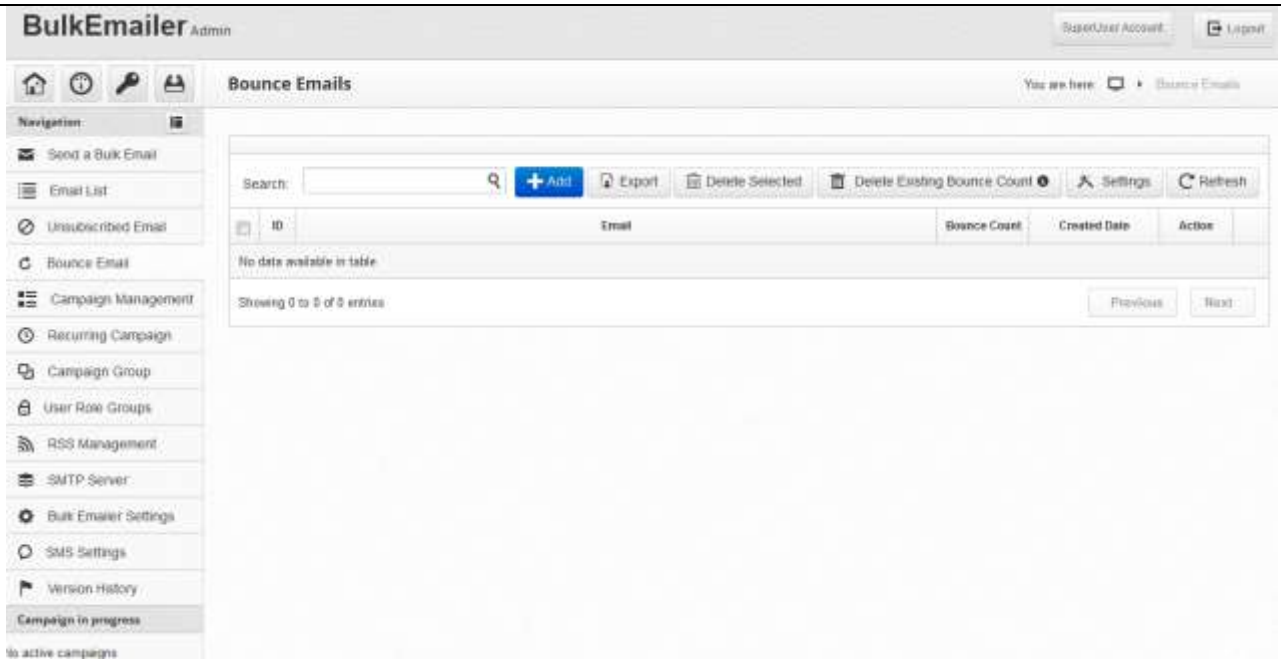
To solve this we have added an option to the Bulk Emailer Settings. This option enables you to tick that you are using a WebFarm, stopping the automatic enabling of iWebs BulkEmailer EmailSchedule process.

Additional Steps Required

After you enable WebFarm mode, you will need to go into the Host Scheduler processes and disable all but one of the multiple processes for the iWebs BulkEmailer EmailSchedule.

The result will be that only one of the schedulers run and only one email message will be sent.

Bounce Email Settings



The idea of bounce email settings is this. Email is sent out, and is sent from an email address that you select. (This can be changed any time). Any email address that is invalid or cannot be reached will generate a “Bounce Reply” message from your STMP server.

The number of attempts and the format of the bounce reply is a function of your STMP server, not our module.

The idea of the bounce settings in our module is that you do not want to keep sending mail to invalid addresses. So by monitoring the bounce messages that come back from an email send out, we can create a list of email addresses that have “bounced”.

To do this our module will connect periodically to a POP 3 email account (standard mail account) and read all the messages in that account. It will look for messages that have the format of typical bounce messages and read the content to work out the email address that bounced.

It will then add this email address to a bounce count list in the Bulk Emailer and increment a count of 1. You can define the threshold to be reached before email messages are no longer sent to this address.

We suggest that you create a unique email account and address that you use to send email from. E.g. noreply@domain.com please read here for the reasons why…

http://www.interactivewebs.com/blog/index.php/e-mail-tips/bulk-email-messaging-and-bounce-back-monitoring/

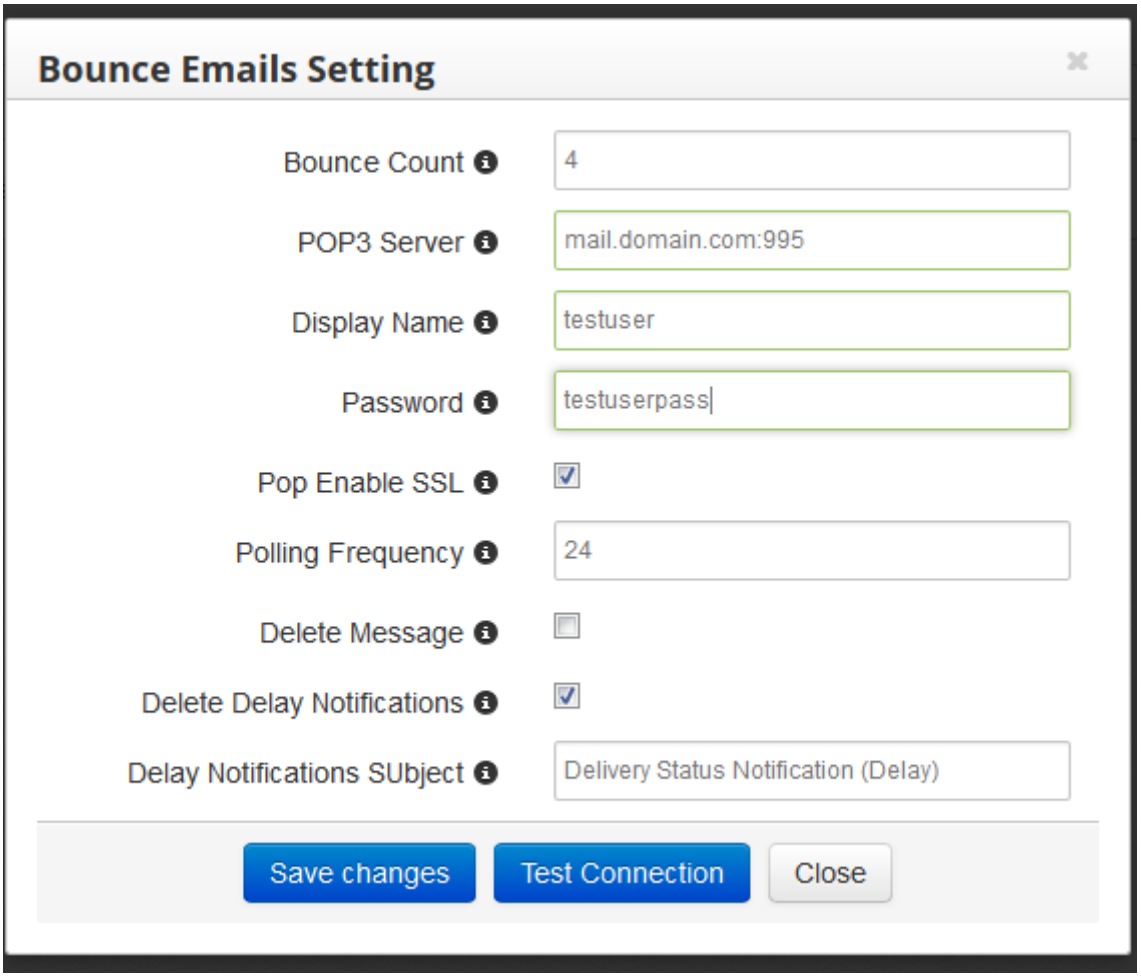
When sending email form this module, you can set the “From” field to show this address: norreply@domain.com (replace domain with your domain) you can also configure this in the

settings area as the default “from” address. This will save you typing the address every time you send a message.

Any email messages that cannot be delivered will bounce back into this account.

Check the account (best with a webmail or connection that does NOT empty the mailbox) and make sure that the email messages going into the account are only bounce messages, delay messages and the odd auto reply message.

This information is used to assist the module in determining the difference between bounce messages and legitimate messages.



Bounce Count

The module keeps track of each time an email address is monitored as a bounce (unsuccessful send and is returned undeliverable). Enter the number of times any email address should be considered as a bounce before the module will stop sending to that address. E.g. if notvalid@email.com bounces 5 times, and the number 5 is in the bounce count. The next time a campaign is sent to notvalid@email.com, the module will remove that address before sending.

POP3 Server

Enter a valid email POP3 mail server address. E.g. mail.domain.com or 66.34.200.109. If you need to use a port other than the standard port 110 for POP3 services, you can include this with a :. For example. “mail.server.com:220” or “66.34.200.109:220”.

User Name

Enter the mail box user name to retrieve email. We suggest that you do NOT use an account that is used for regular email communications.

Password

Enter the mailbox password that is used to retrieve POP3 email from this account.

POP Enable SSL

Enables an SSL connection to your mail server. This also requires that you put your specific SSL port being used in the mail server. The format is “mailserver:port” i.e. mail.domain.com:995. Typically mail servers are configured to use port 995, but this can be changed by your server administrator.

Polling Frequency

Set the time interval in hours that the system should check your email account for bounce messages. A suggested setting here would be 24 hours. So that it checks once a day.

Delete Message

You can read email messages and leave a copy of them on the server, or you can delete all the messages in that account after the module has read them. The recommended setting is to delete processed messages. This avoids the situation where messages are counted multiple times.

Note: This option should remain enabled in most environments.

Delete Delay Notifications

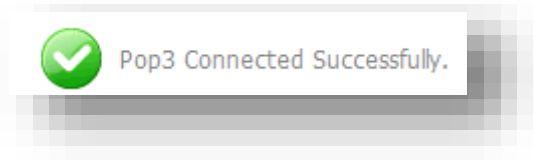
Allows for delay notification messages that the SMTP server sends your mailbox as part of the failure process to be automatically deleted. This setting requires you to also define a Delay Subject.

Delay Notifications Subject

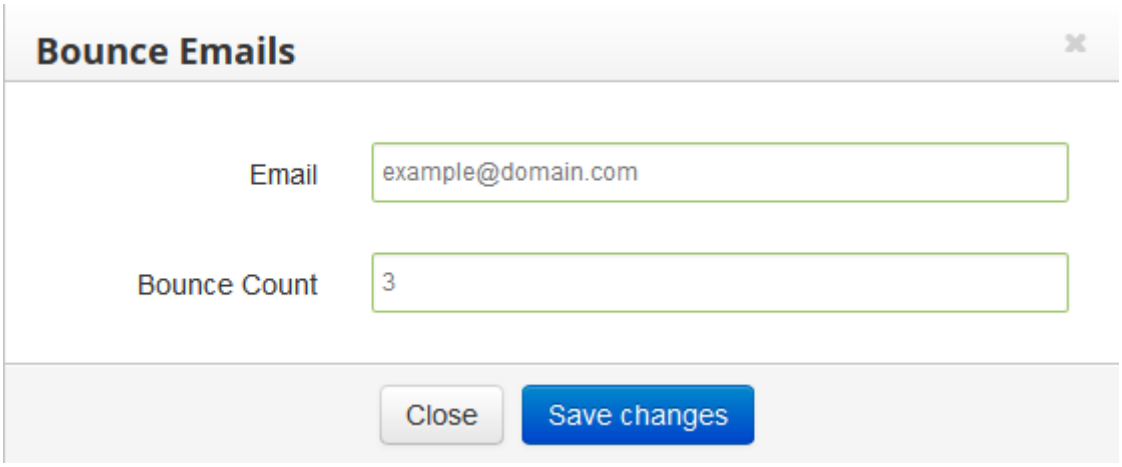
Define the subject that your SMTP server uses when it sends you a message to advise that an email has been delayed.

Test Connection

Will test the connection options you have configured in the Bounce Emails Settings. It will return a message that looks like this.



Add New Email Address

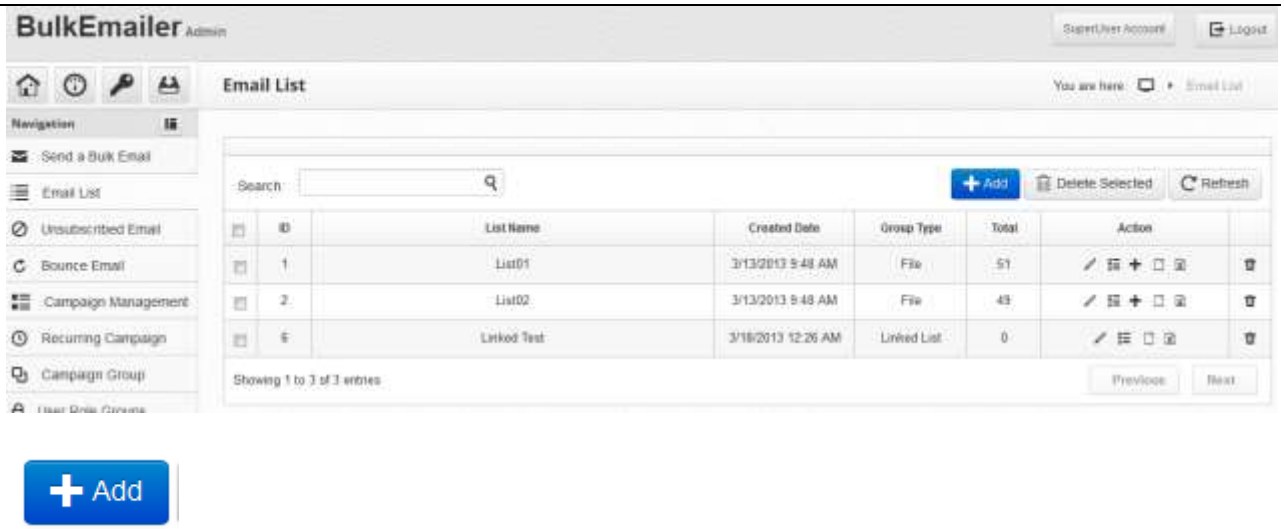


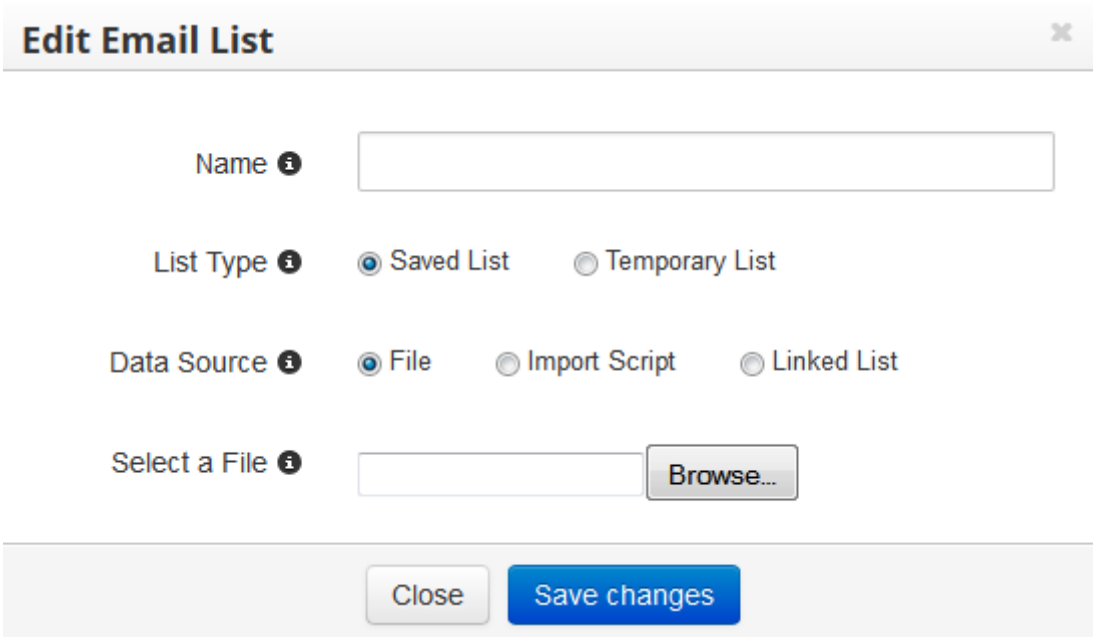
You can use this to manually add an email address and pre-set the bounce count to a predetermined value. So if for example you have set the bounce count above to 3, and you want to manually add an email address and mark it as having bounced enough times to not be sent to again. Then you would add it here with a bounce count of 3 to simulate that it has already reached that count.

Search Email

You can enter an email address that you suspect is on the bounce list and locate just that email address. This makes it easy to find and address to edit or removed.

Email List Configuration





There are three options here:

File

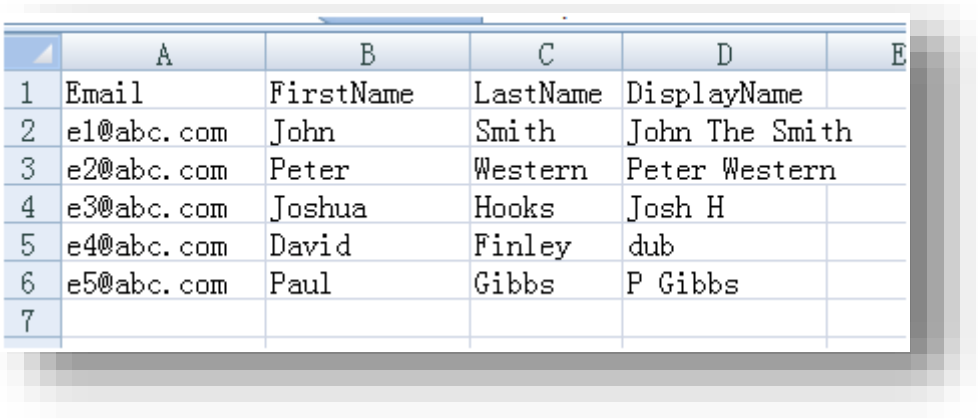
Allows Import of email addresses from the xlsx or xls format file that is included in the download package as an example. If you are using Excel 2003, the file should be saved as an XLS file and imported. If you are using Excel 2007 or 2010, then you must ensure that you use the file form xlsx (native Excel for these versions.)

Give your new list a name.

Select if you would like to save the list for future use, or only send one campaign to a temporary list.

We have created a “Sample List Import.xls file” that is included in your download of this product.

The file has sample data that looks like this.



	A	B	C	D	E
1	Email	FirstName	LastName	DisplayName	
2	e1@abc.com	John	Smith	John The Smith	
3	e2@abc.com	Peter	Western	Peter Western	
4	e3@abc.com	Joshua	Hooks	Josh H	
5	e4@abc.com	David	Finley	dub	
6	e5@abc.com	Paul	Gibbs	P Gibbs	
7					

Note that the first row is used for the title of the rows. This should be included in the same format as above. There are 4 options only for the columns.

Email = email address

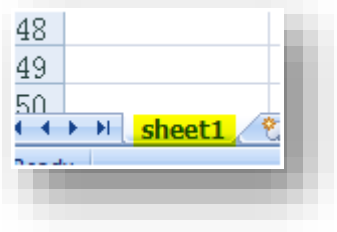
FirstName = Kind of obvious

LastName = Also obvious

Display Name = May be a different field that can be used to reference membership names or login names.

This import does not create DNN accounts for the data in these fields, it only adds the data to a custom list. Tokens can be used to send email messages to people on the list or in your DNN site that reference the fields above. This is why we have created column B C and D with the same default profile data names as the DNN profile data.

Note: .XLS or XLSX – Must have the data on Sheet 1 and the sheet must be called”sheet1”.



Note: You should not have any blank rows.

Note: To Ensure a stable import of data, please our provided xls or xlsx file as a template and copy and paste your data into that spread sheet. Then use the saved file to import data.

Once you have set the fields, click the Save Changes.

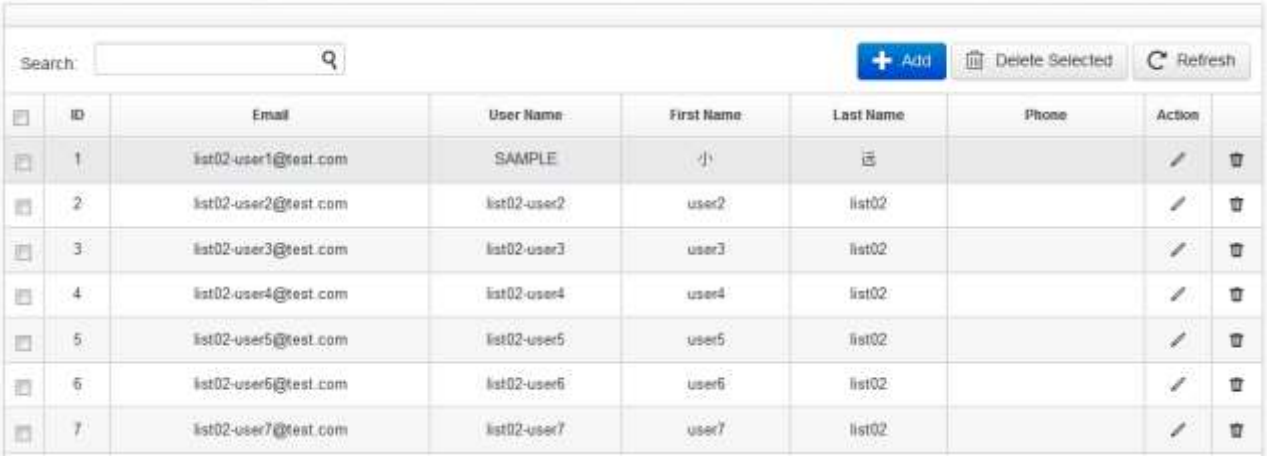
You will end up with a import list like this.

	ID	List Name	Created Date	Group Type	Total	Action
	1	List01	3/13/2013 9:48 AM	File	51	
	2	List02	3/13/2013 9:48 AM	File	49	
	6	Linked Test	3/18/2013 12:26 AM	Linked List	0	

Showing 1 to 3 of 3 entries Previous Next

Edit

Allows you to edit an existing email list.



Search: Add Delete Selected Refresh

	ID	Email	User Name	First Name	Last Name	Phone	Action
	1	list02-user1@test.com	SAMPLE				
	2	list02-user2@test.com	list02-user2	user2	list02		
	3	list02-user3@test.com	list02-user3	user3	list02		
	4	list02-user4@test.com	list02-user4	user4	list02		
	5	list02-user5@test.com	list02-user5	user5	list02		
	6	list02-user6@test.com	list02-user6	user6	list02		
	7	list02-user7@test.com	list02-user7	user7	list02		

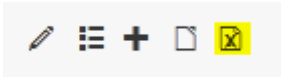
Delete

This option allows you to delete an existing email list.

Export CSV

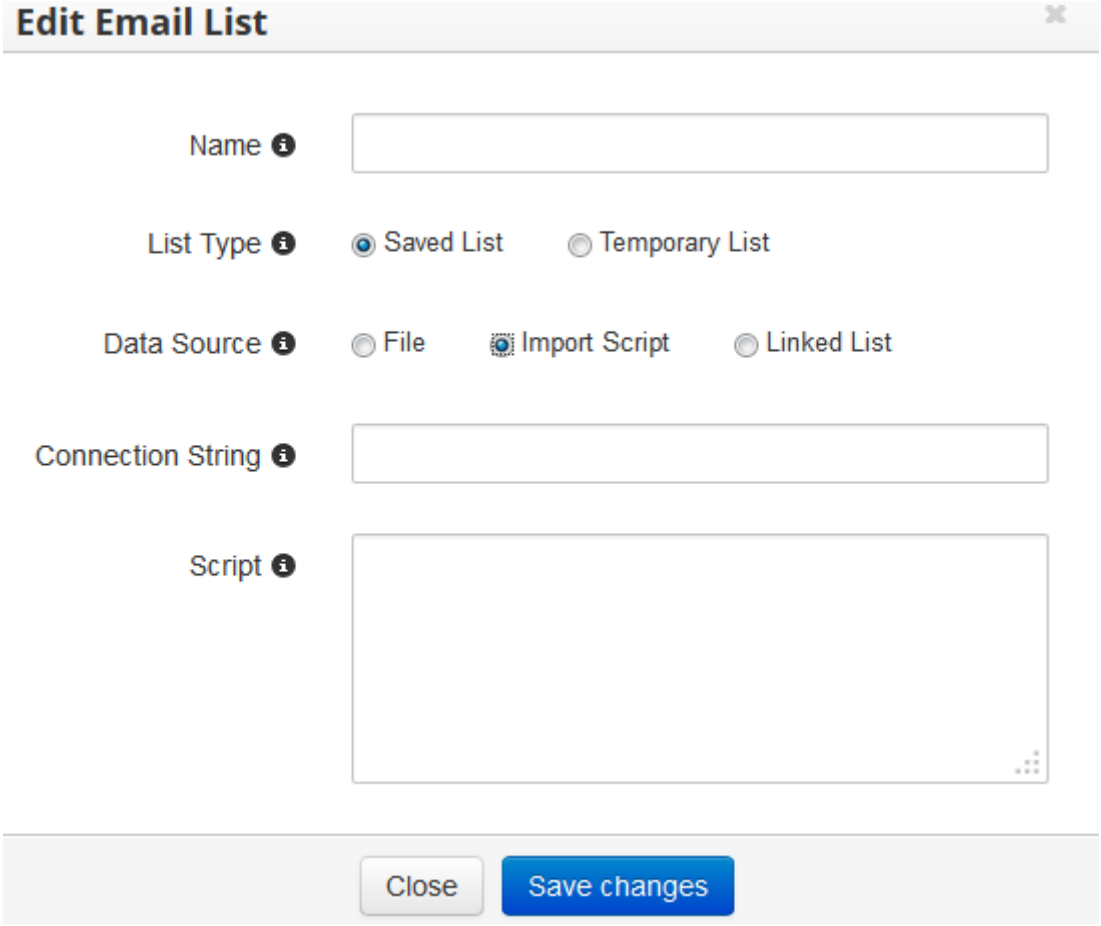
This option will export the list into a .csv formatted file. This is a standard that excel can open or can be used with other import / export features on other software.

Export Excel



This option will export a .xls formatted file, that is designed to be used exclusively with excel. Due to the nature of Excel, there is a limit of this export to 65536 items.

Import Script



Using the connecting string and script box to access that SQL data you intend to use in your list.

The script must return the following fields: **email, username,firstname,lastname**.

For example: SELECT email, username,firstname,lastname from tblEmail.

The connection string can be any connection string that ADODB.net accepts. For example:Data Source=localhost;Initial Catalog=BulkEmailer;User ID=dnn;Password=dnn.

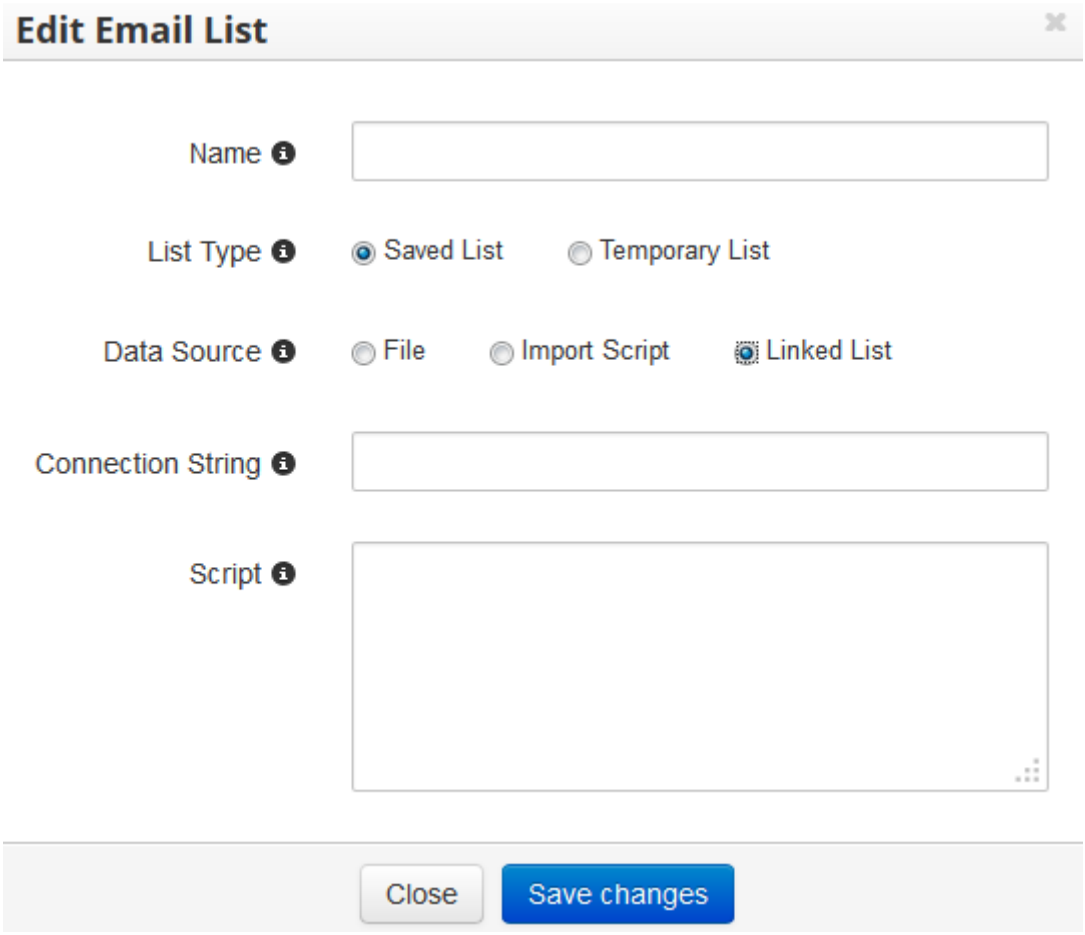
The import list will actually COPY all the emails from the datasource into BulkEmailer's internal table just like the uploaded file upload option so that any future changes in the emails from the datasource and will not affect the imported list.

Stored Procedure

Stored procedures can be called at this point. For example: You can call stored procedure to return a email list. For example: exec GetEmails, Where GetEmails is the name of the procedure.

This would be entered into the Script box.

Linked List



Linked script will read the email list from the datasource when a campaign is created. Each time a new campaign is created to a linked list, the system will create a new email list for that particular send.

Import additional lists.

This is a handy feature. If you are exporting data from another database that is changing and being added to. You can use this feature to import a new full list of data to this list. Only the additional email addresses in the list will be imported. This means you do not have to identify the new email addresses, but just import the entire data again that includes the new email addresses.

Note: The Bulk Emailer will NEVER send 2 emails of one campaign to the same email address. Duplications form multiple lists are removed before a messages is sent.

Search

The search feature allows you to find a custom list by name.

Stored Procedure

Stored procedures can be called at this point. For example: You can call stored procedure to return an email list. For example: exec GetEmails, Where GetEmails is the name of the procedure.

This would be entered into the Script box.

Email List Tokens

The Email Lists can use 4 specific tokens in the body of the email messages to pull the four sets of data that can be imported.

The tokens are:

- Email Address: [email]
- First Name: [firstname]
- Last Name: [lastname]
- Display Name: [displayname]

InteractiveWebs

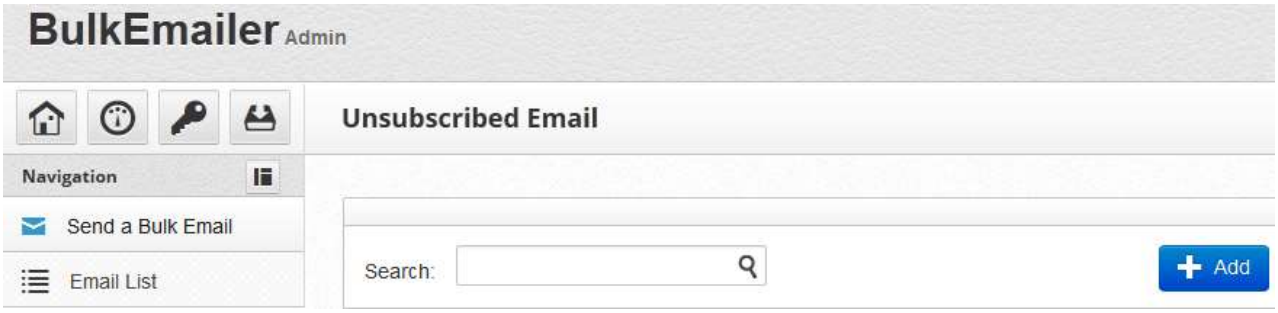
Unsubscribed Email Configuration

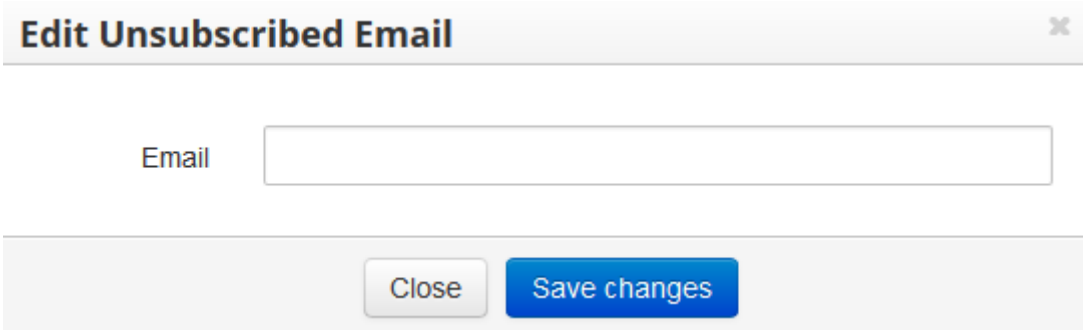
You can send out email messages with **tokens** in them. (**Note: you must not link directly with a URL to the unsubscribe page, but use a token.**) One of the valid tokens is the unsubscribe token. If a person receiving an email messages clicks on a token, they are driven to an unsubscribe page.

If the user unsubscribe, they will be added to a list of email addresses that the Bulk Email module will no longer send to. This is an important way of handling unsubscribe. The email address is NOT being removed from any lists, but is being flagged to no longer be sent to.

The Blocked email configuration allows you to manage this unsubscribed email list.

Click the blocked email configuration menu.





Add new email address.

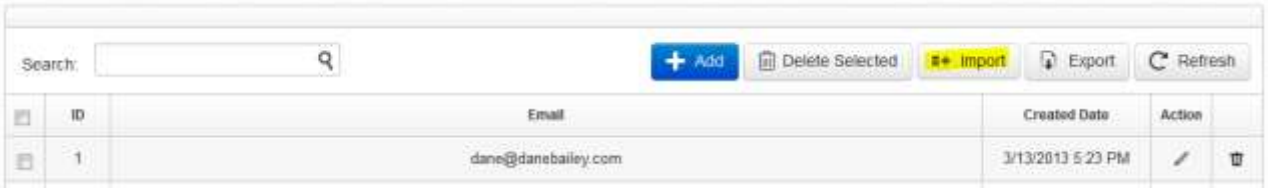
Enter an email address of anyone who has requested to STOP receiving email messages from you in the future. This is the manual method of blocking an email address.

Alternatively you can search for an address that may be on the Unsubscribe list. If you DELETE the email address from the list. The user will be capable of receiving email from you in the future.

Note: It may be illegal in some countries to remove an address from your unsubscribe list unless the user specifically requests this of you.

Export List

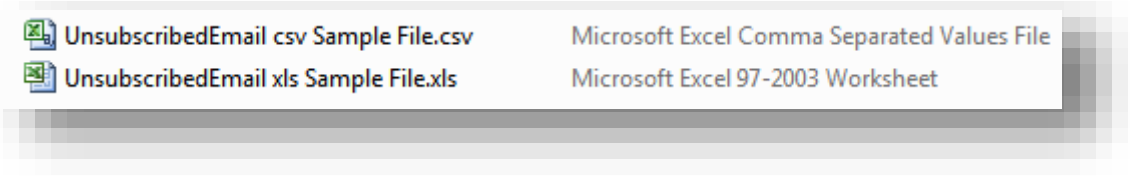
You can export a list of email addresses that have unsubscribed to your email messages. This email list is also the template that you should use if you wish to import email addresses into this module. Save the excel spread sheet locally and then modify the spread sheet with your own addresses before using the import feature.



Import Unsubscribe List

As mentioned on the previous page, use the spread sheet from the export feature as a template for importing your own email addresses to the Unsubscribed Lists. Just add the email addresses one per row in column A of the form while leaving the “UnsubscribedEmail” in the first row as per the exported email list.

Additionally there are two sample files included in the download package.



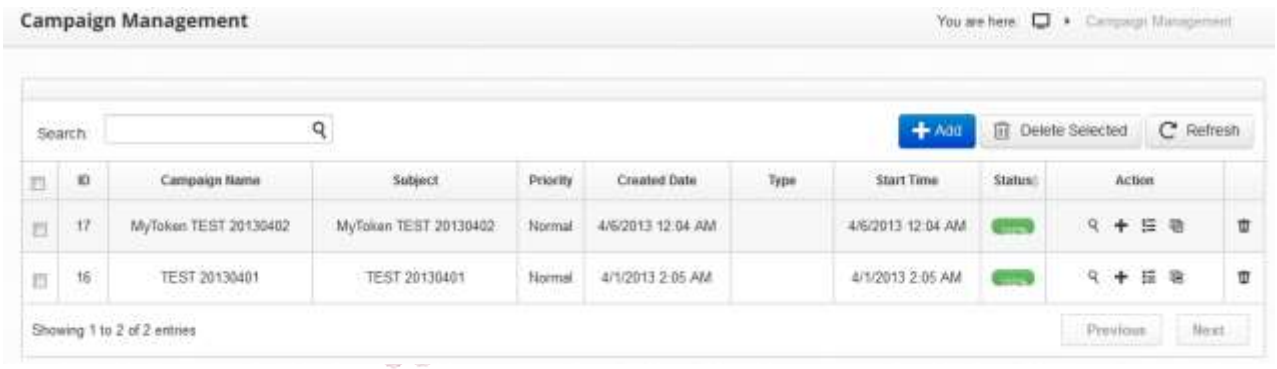
These can also be modified with new content and used for importing unsubscribe email addresses.

InteractiveWebs

Campaign Management

A Campaign is the sending of an email to a list or lists of email addresses. Each send out it tracks as a campaign. The name of each campaign is recorded as on the “Send a Bulk Email” page.

Clicking into the Campaign Management tab reveals a list of past campaigns.



Search Campaign

Search allows you to search by name on a campaign. The results showing you all the campaigns with that or part of in the Campaign name.

Subject

Subject is the subject you gave your bulk email.

Priority

Priority is the priority you set at the time you sent your email. This is what determines for example a little red ! on high priority email messages when received by users.

Status

The status shows the auto refreshed progress of the send of your bulk email. This will automatically progress as more and more emails are sent out for that campaign. The speed that your email are sent out at is controlled in the Scheduler. (covered later)

Operate

There are three options here.

Delete the campaign history

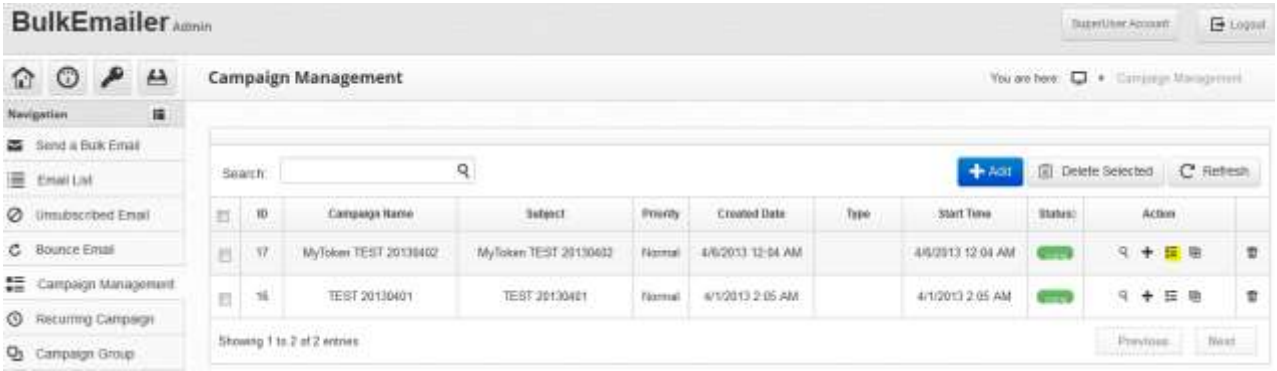
As the name suggests will delete the history of this campaign from the database.

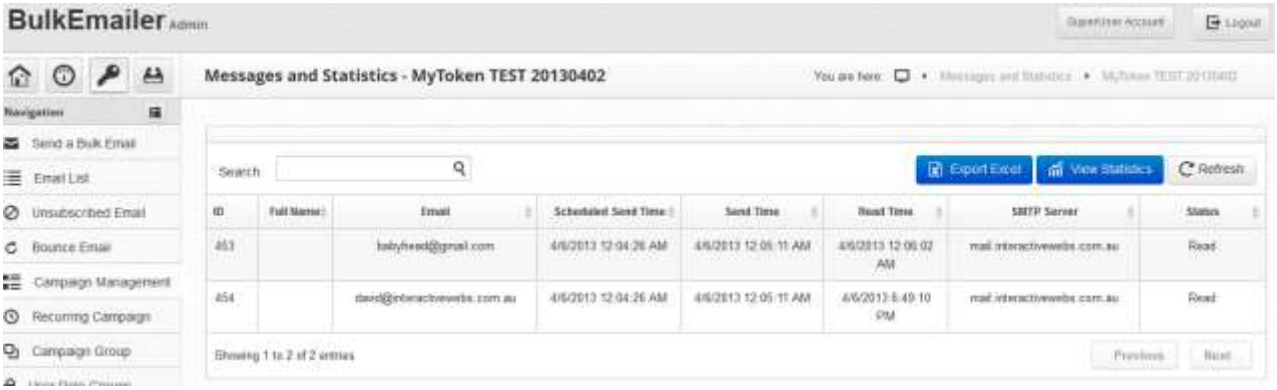
View the email messages that was sent on the campaign

Brings up a preview view of the email message that was sent out with that campaign. This feature requires a Microsoft browser (Internet Explorer) if the message content was either MHTML or Word Document. This unfortunately is a limitation of other browsers.

More data –

Clicking this reveals additional information about the campaign. It will show the view statics and the details about each email address that the message was sent to.





Export List – Will export the data to Excel Spread Sheet.

You can click the column headings to sort by that column.

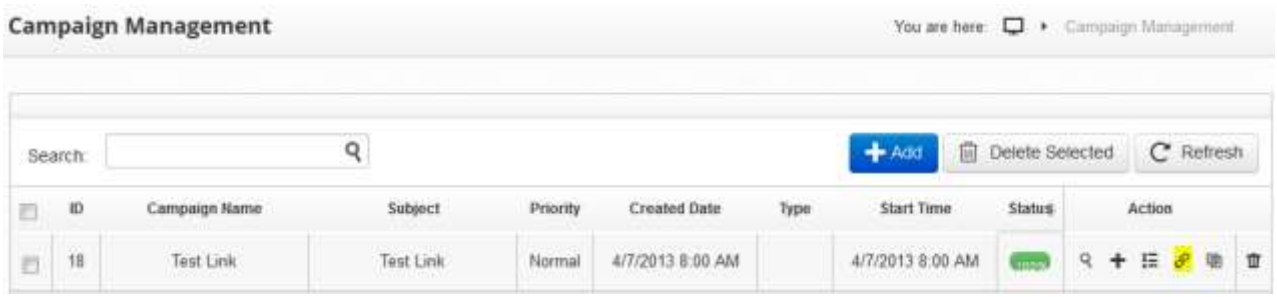
The search feature will allow you to track down an individual email address and find out if a message was sent and or read by the recipient

View Stastics

Will show a summary of the campaign and its running effectiveness.

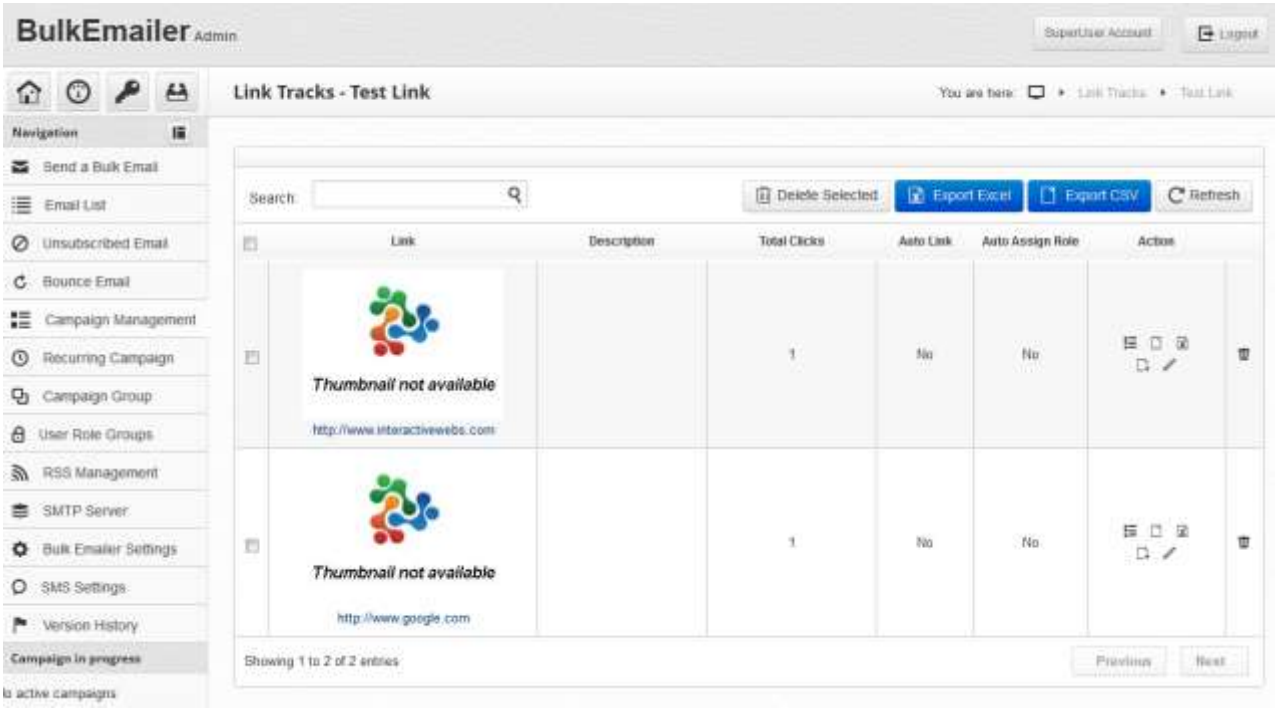
Link Tracking

Email messages are by default link tracked. Any hyperlink in the email message will display in link tracking. The Thumbnail of the page, and the number of people how have clicked the link from within your email message.

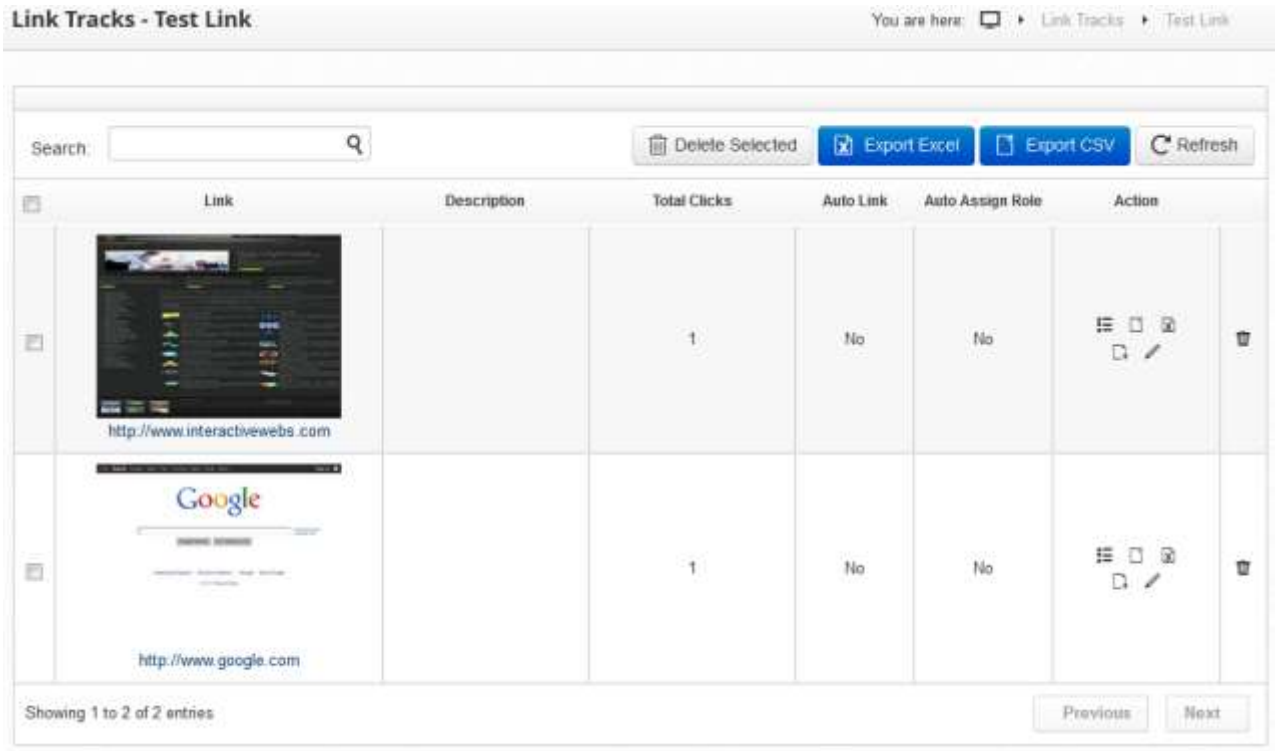


Within this area is also some configuration options to allow you to create a list based on those who respond to a link. This allows you to create a conditional campaign to those who demonstrate interest in an item in your original campaign.

It should be noted that the icons run off a schedule process. And initially the link icons will show as below with the Thumbnail not available:



Once the scheduler has run that generated the thumbnails, the links look something like this:



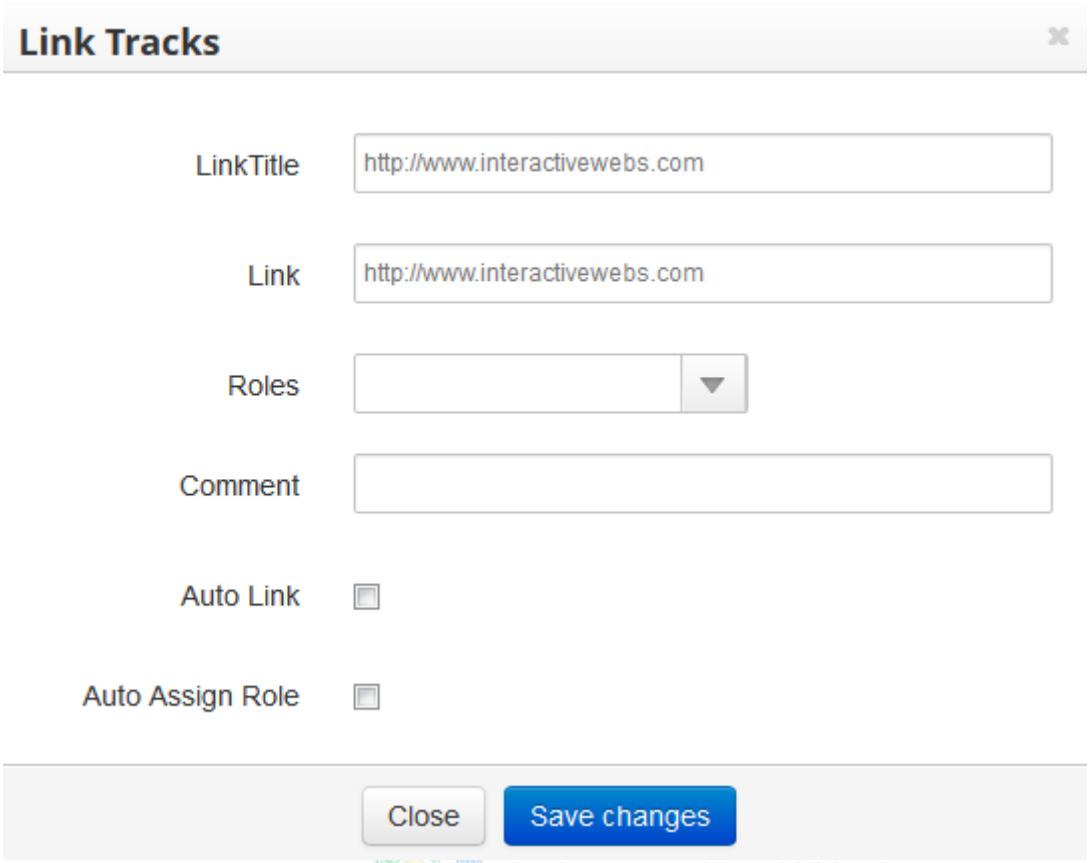
Number

Clicking on the number in the total links column will reveal some details about who has clicked on that link:

Edit Link

From within the link tracking matrix allows a DNN security role to be defined against a link. All email addresses that match a DNN user's email address will have the DNN user account added to the specified security role.

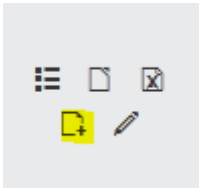
This is a powerful feature that can allow you to manage roles based on those who express interest in a link of a campaign, for example a vote link, or link to a YES or NO compliance etc.



Description

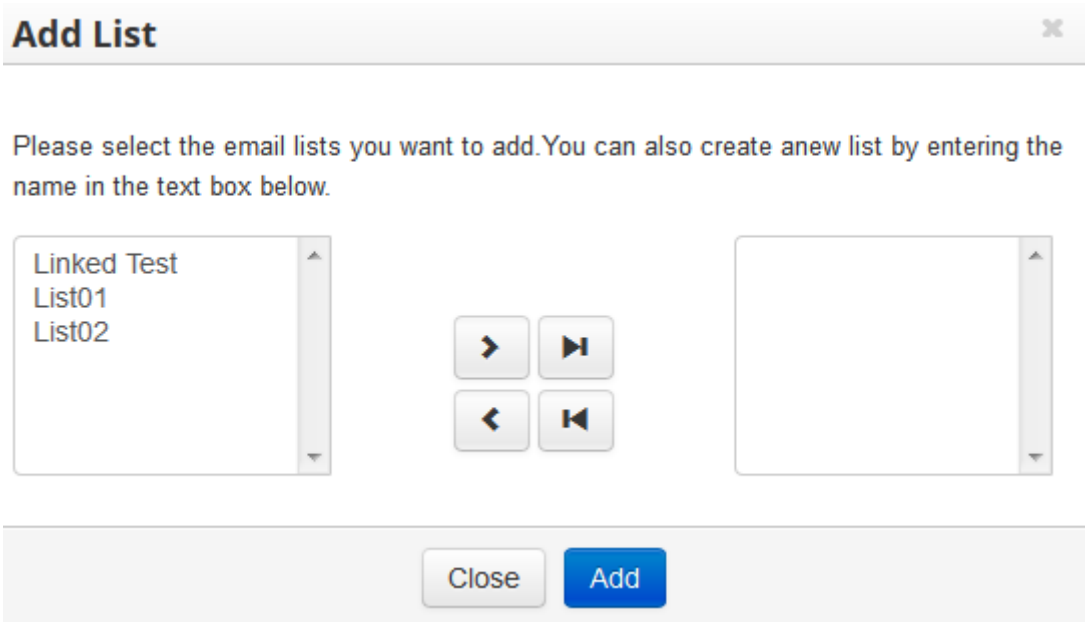
Allows for a friendly name for the link to replace the sometimes complex title that may have been necessary in the email message.

Add to list



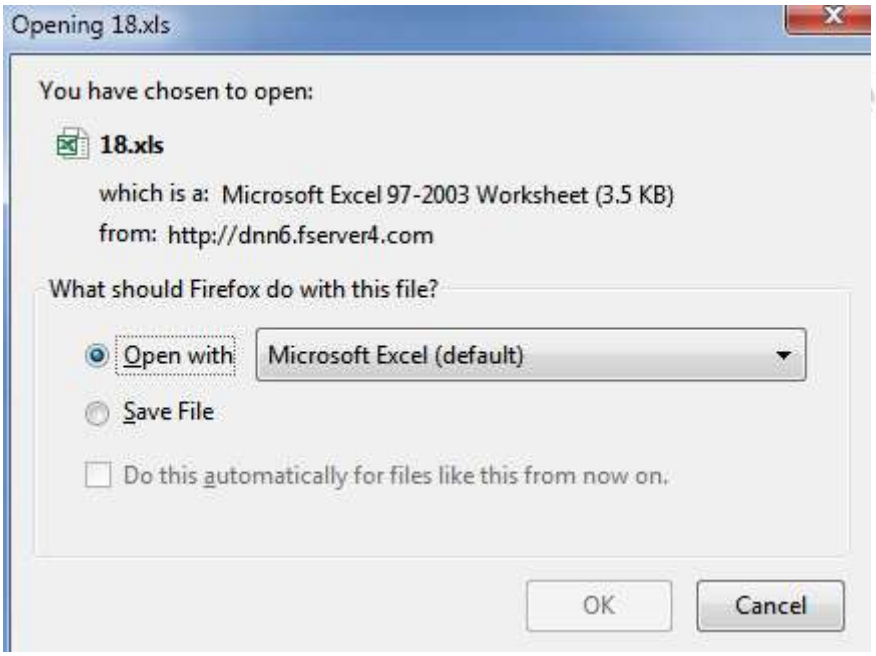
Allows for the respondents to the link to be added to a custom list. This is similar to adding users to the DNN security roles, but is using the custom lists feature of the Bulk Emailer module.

Remember here too that the custom lists can only contain each individual email once. So clicking the “add to list” icon will only add new email addresses not already on this list.



Export to CSV Export to Excel

This feature allows you to export to CSV or XLS the list of email addresses that have clicked on the relevant link. This will then allow you to import that list into the custom lists of the module.



Search

The search feature allows you to search for an email address and see if it was included in the send, if it has been sent and read.

Details

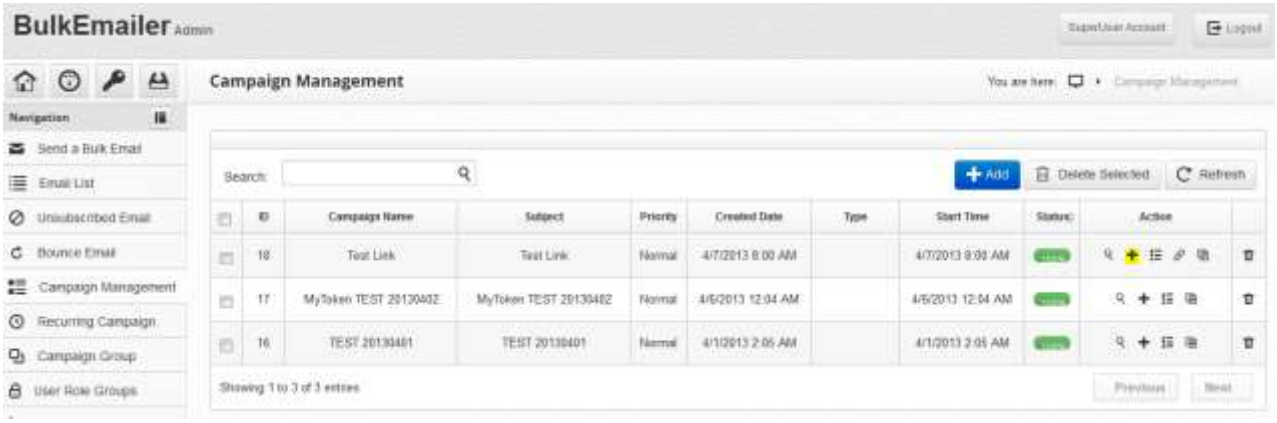
The details list of the email addresses that have been sent the email, including the read time and status.

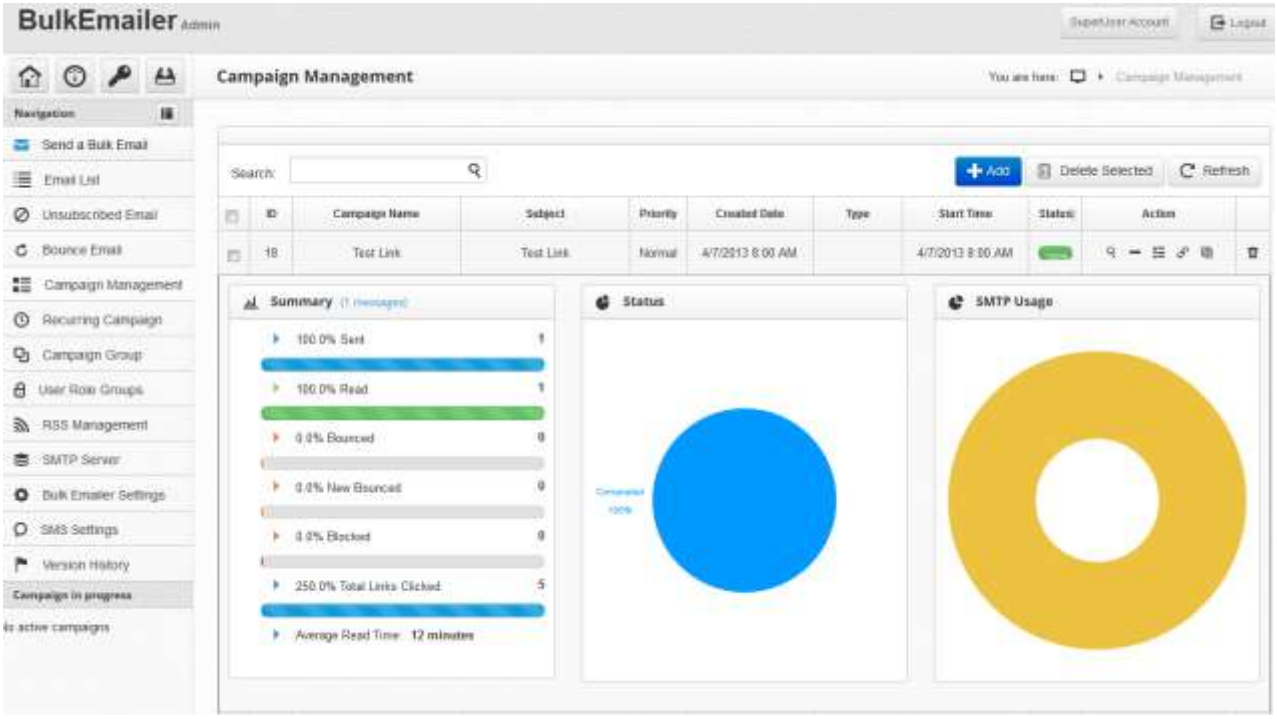
The status can be:

- Pending – In queue for sending
- Completed – Sent to the email address
- Read – The recipient has read the message.

View Statistics

Quick view of the campaign can be completed with the clicking of the +

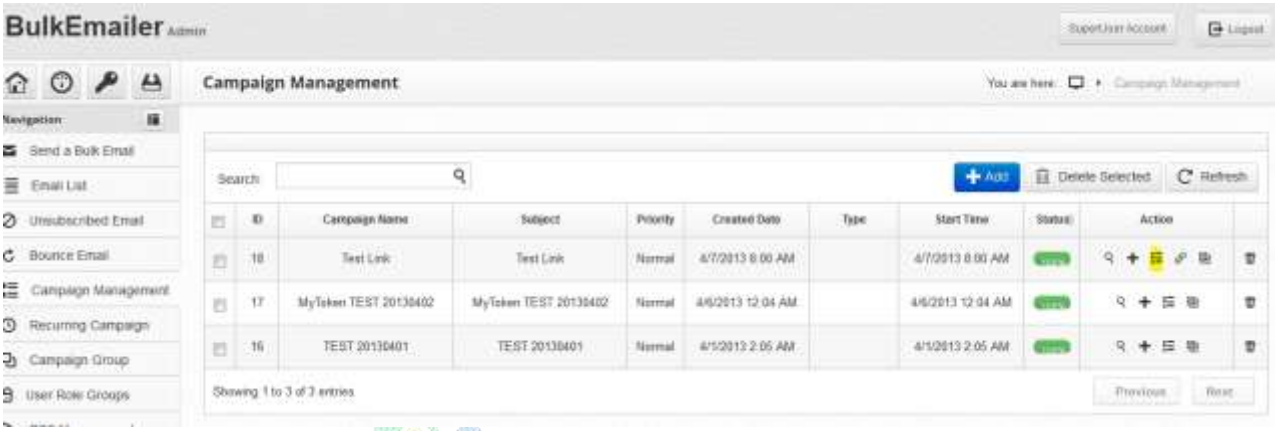




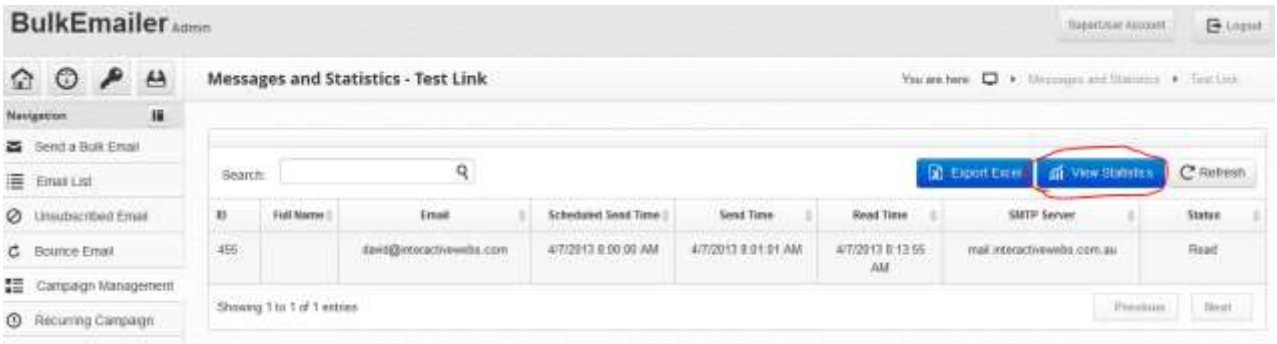
- Total Recipients = the total number of unique email addresses in the send
- Blocked email addresses = the number of email addresses that appeared in the campaign send list and also have been identified in the blocked list.
- Bouncing Emails = Email addresses that could not be reached and bounced.
- New Bounces = The number of additions to the bounce email list that were generated from this campaign.

- Messages Read = Total email messages that have been opened at the client end and tracked as read. You should note that it is not possible to track all reads. Some examples of reads not tracked:
  - People who read offline
  - PDA and Mobile phone reads
  - Reads with images turned off on some clients
  - Some clients like yahoo etc.

You can also click on properties:



Then clicking on the View Statistics tab will reveal additional details about the campaign.



Statistics

Summary | SMTP Usage

Total Recipients	1
Blocked Emails	0
Bouncing Emails	0
New Bounced	0
Message Sent	1
Messages Read	1
Average Read Time	12 minutes
Total Links	2
Total Links Clicked	5

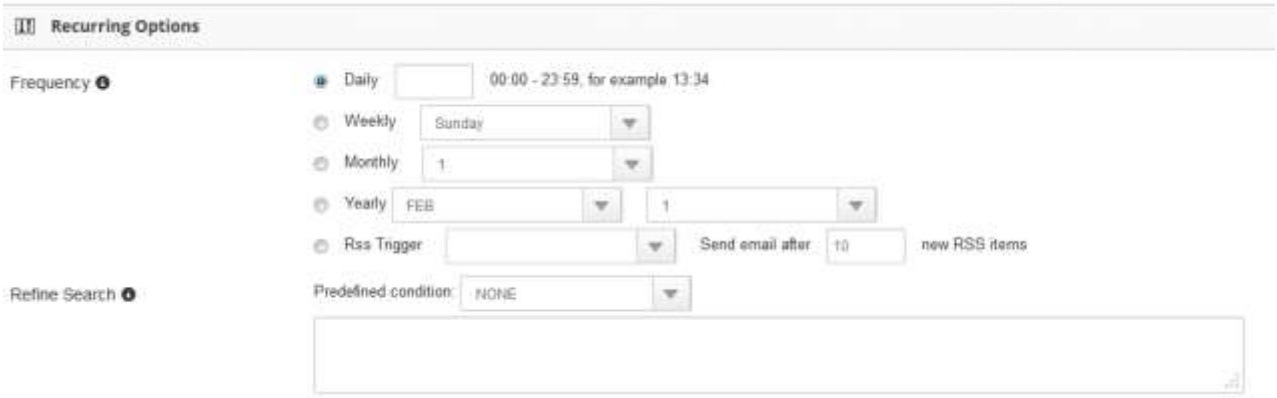
Recurring Campaign Management

This allows the setup of a campaign that can be set to re-occur at regular intervals.

Creating a new Recurring Campaign

Click the Add Button from the menu.

A new type of corresponding campaign option appears. This includes an option for setting the Recurring Options.



Frequency

Defines that frequency that the recurring campaign will run. There is not a lot of explanation needed here, as this options make it clear. If I want a campaign that runs on Christmas day. Then I setup a new campaign and select:

Or for a campaign that would reoccur each Wednesday, I would select:

Rather obvious.

Refine Search

We have added the ability to refine your search and include custom SQL scripts to refine the recipients of your email campaigns. This feature is intended to extend the flexibility that the reoccurring campaign has to offer, but allowing a user to place a custom created SQL script in the refine search box. By using cleverly crafted SQL scripts you can extend the search and search match function of each recurring campaign.

Pre-Defined Refined Searches

We have included some predefined refined search items. These are not guaranteed to work on all DNN instances, as they are predicated on certain profile data being created in your DNN portal. It may be that you need assistance in creating custom profile items in the member management area of DNN. Google will be your friend here.

RSS Trigger

This is a trigger option based on the monitoring of changes to an RSS feed as defined In the RSS Section of the module. Ass new items are posted in the RSS feed (generated from the RSS source URL), the item count is monitored until the count reached the defined “Send email after” value. As if 6 is put into this field, then when 6 new posts are made in the RSS feed, the recurring email message will be sent.

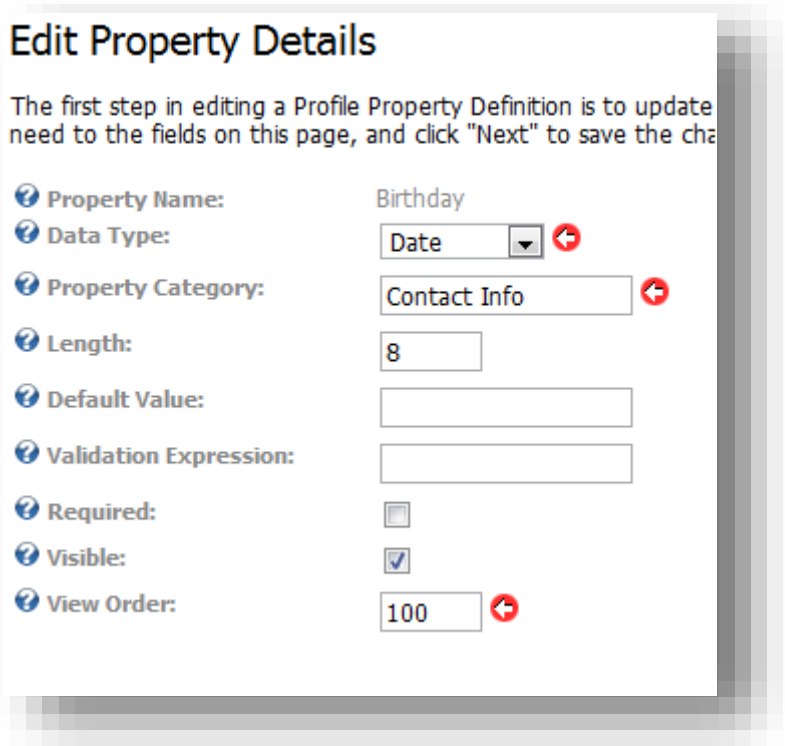
If you combine this with the RSS content token in the email message, then you can use this to automatically trigger email messages to be sent, with the new content, when a predefined number of changes are made.

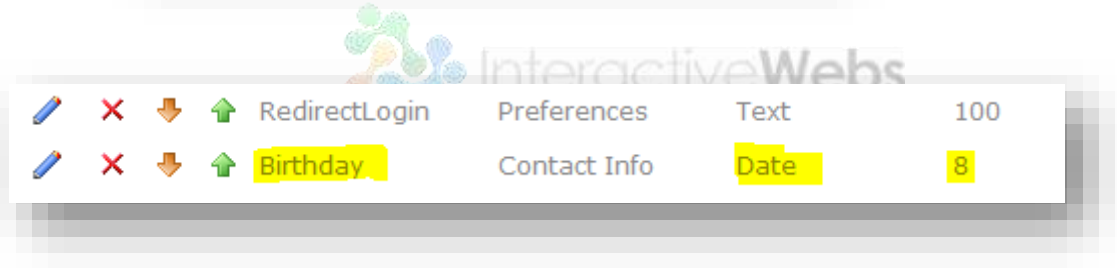
A great example of this would be turning a blog, or article module, into an RSS feed. Then automatically sending this content to people when a certain number of new posts are made to the blog or article module. Keeping your recipients informed automatically.

Birthday

We have created a predefined SQL script that will narrow user matching to members of your DNN site who have birthdays today. So to use this feature you would.

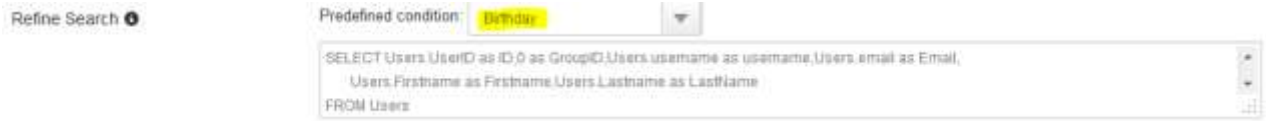
1. Create a custom profile item called “Birthday” and make it a Date Type with length 8.





2. Ensure that you have some data for birthdates set in the members profiles of you site.
3. Create a new Recurring Campaign and set it to run daily.

4. Select Birthday from the Predefined Items list, you will notice that is populates the SQL search.



You will also notice if you look at the code, that we reference the birthday profile item we created in step 1.

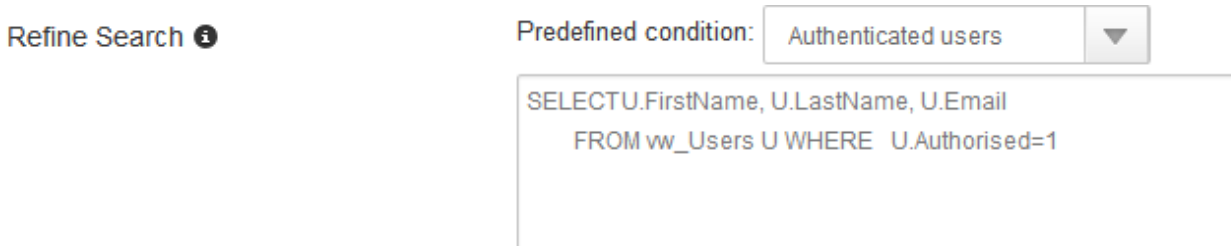
5. Create your birthday message and Add Campaign. This will then create the campaign that runs daily but will only send to people who's has a birthday falling that day. The net result being that you send an email wish to someone on their birthday.

Authenticated Users

You can send a campaign to only Authenticated users of your site. This feature is requested by customers of Bulk Emailer who have a lot of signups but don't want to send to people who have not completed the authentication process in DNN.

InteractiveWebs

3. Create a new campaign, and select any options you like with regard frequency.
4. Select the predefined condition of Authenticated Users



This will allow for reoccurring messages to be sent out only to the users who are authenticated in your DDN user Database.

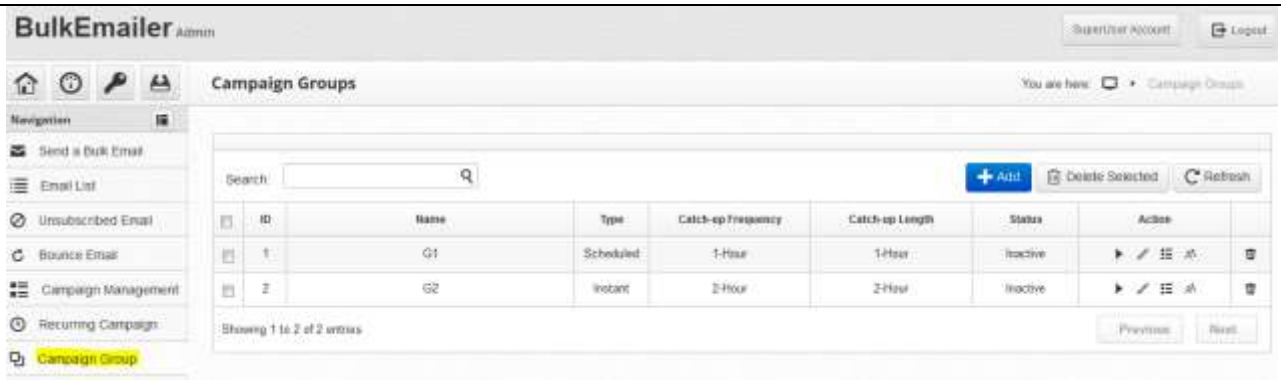
Unauthenticated Users

This is the same concepts as Authenticated Users, but as the name suggests, it will only send to people who are Unauthenticated.

Custom

This is what you select if you wish for the Refine Search SQL script box to be considered in a send, and you wish to use your own custom SQL script to refine search items.

Campaign Group Management



Campaign Groups are a group of Campaigns (messages) that are grouped together to allow recipients to be retrospectively added to receive messages. To understand this feature we will use a common business application situation to illustrate.

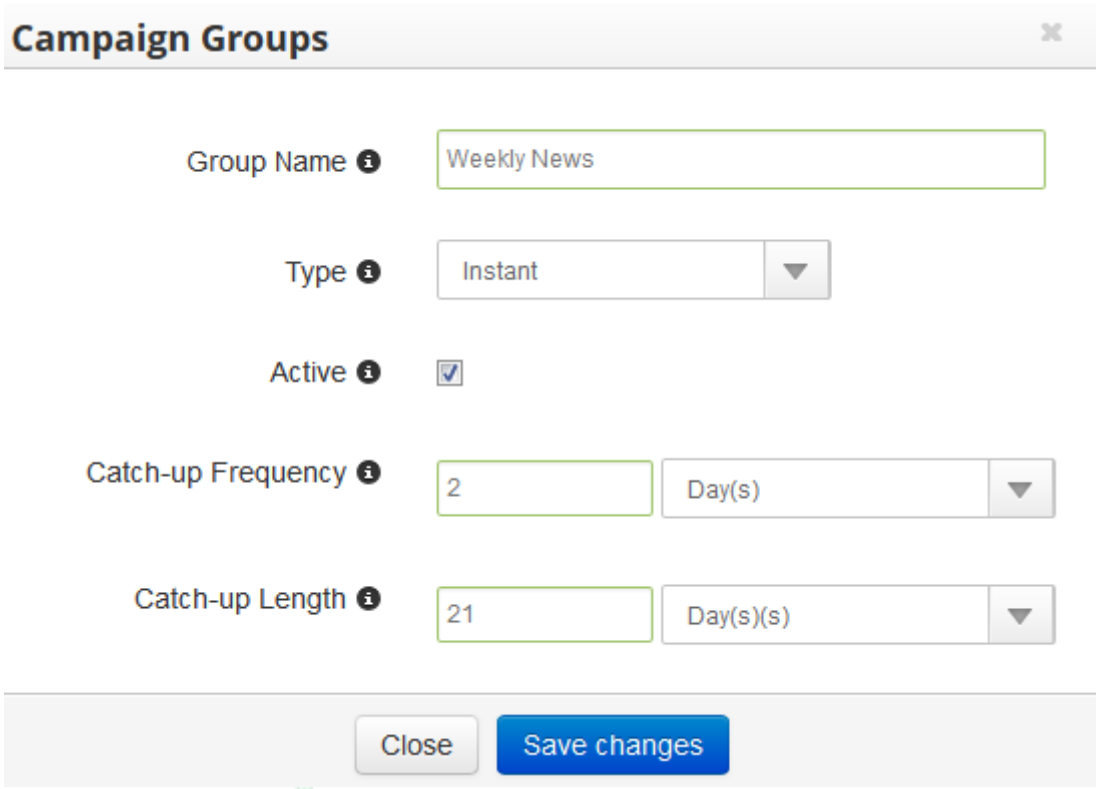
- 1 Email message per week to members
- New Members receive some but not all past messages
- New members get a message not more than every 2 days
- Once up to date with messages, new members will receive messages when new ones are sent

The easy example of this is a weekly message from a business to its customers. If I want to send a message to all my DNN site members each week, but when a new member signs up, you wish to send them the last 3 weeks messages, but not all at one time. Instead you wish to “drip catch up” one every 2 days, until the new member is “up to date” with messages.

Let’s look at this example in depth.

1. Create a New Campaign Group

2. Create a New Group with the following properties



Group Name

We have called it Weekly News Letter to remind us that this is the weekly message we will send out.

Type

Type is instant, as we are going to create our Monday email messages on Monday and send them after we create them.

Active

Ticked the Active Box to ensure that this is an Active Group

Cath-up Frequency

Set Catch-up Frequency to 2 days. This is the frequency that new members to the defined group will receive the past messages.

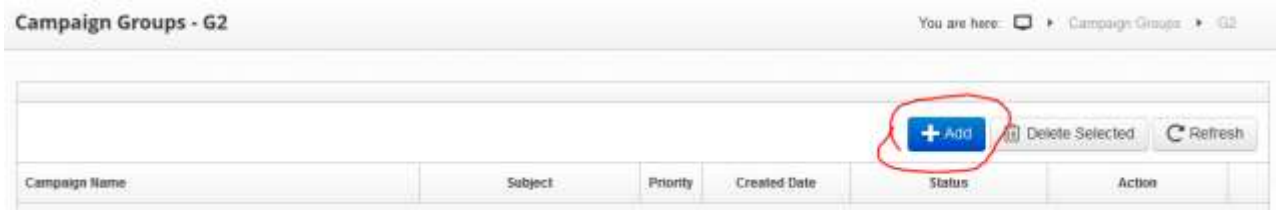
Catch-up Length

Catch-up Length is the number of days (in this case) past history of messages that we want new members to the group to receive messages from. In other words, they new members will receive messages that are less than 22 days old (3 weeks).

The result will look something like this when added:

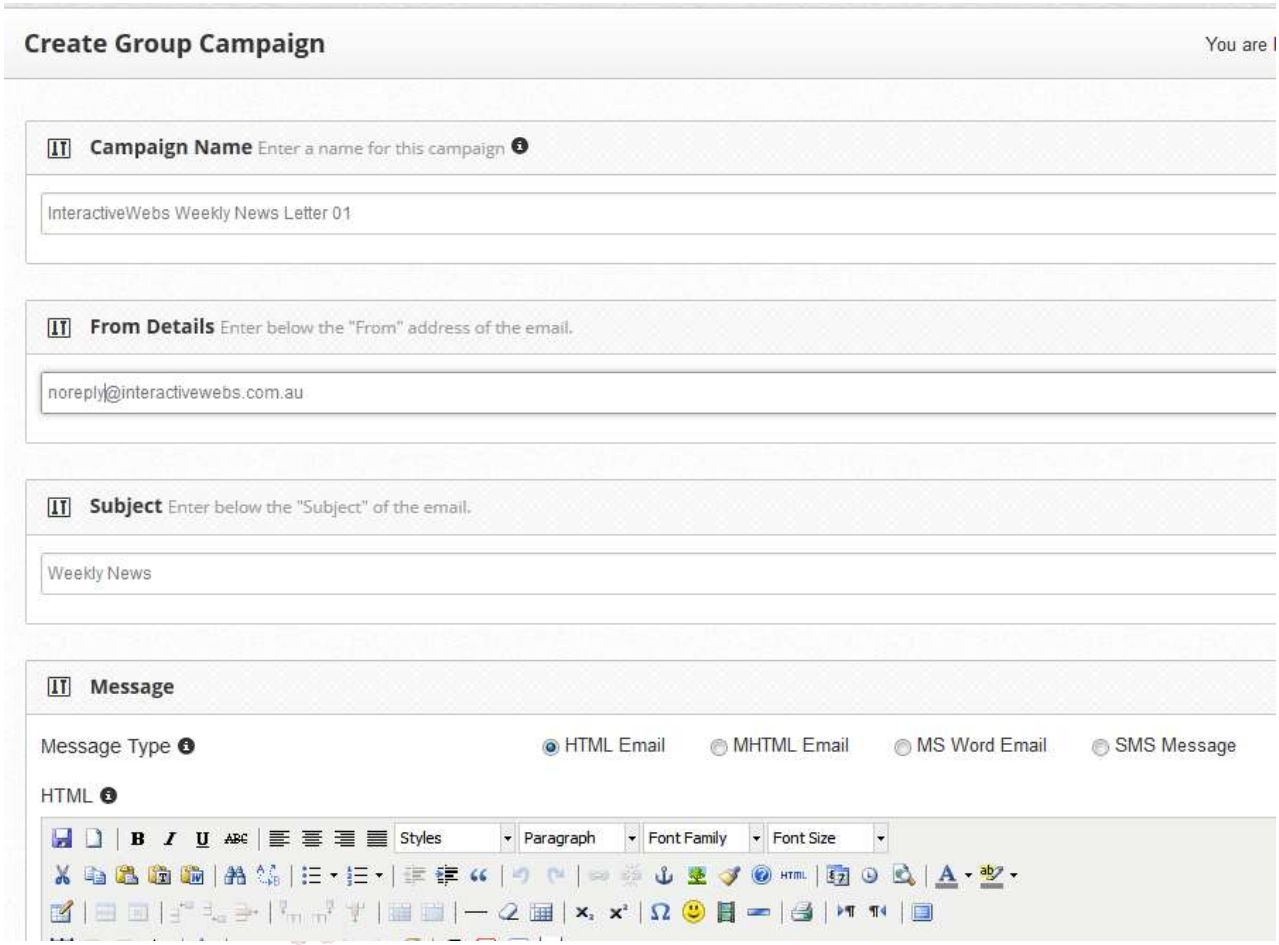
3. We will now click on the Campaigns to define a new campaign (message) to be sent.

4. We will Add New to configure our first Weekly Email message

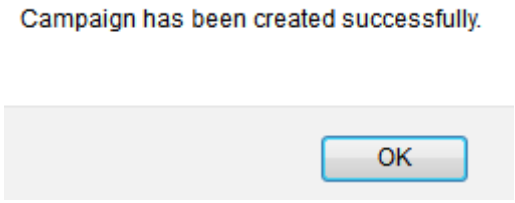


5. Notice at this stage that we cannot select who receives this message, we can only define the message its self.

InteractiveWebs

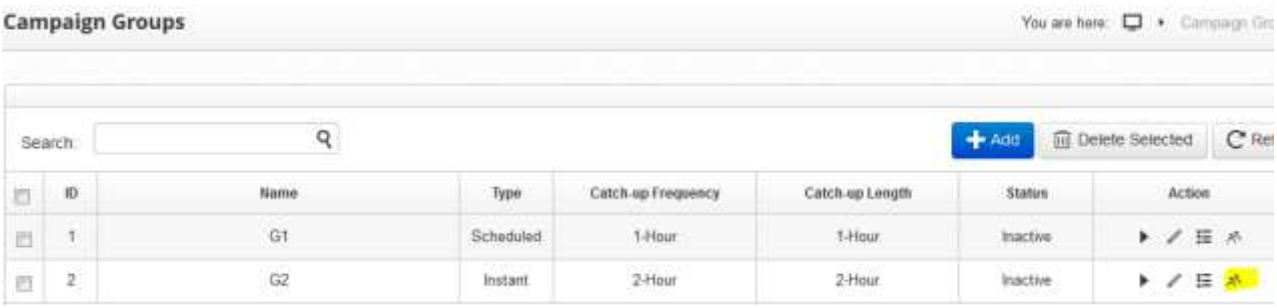


Gives a result that looks like this:



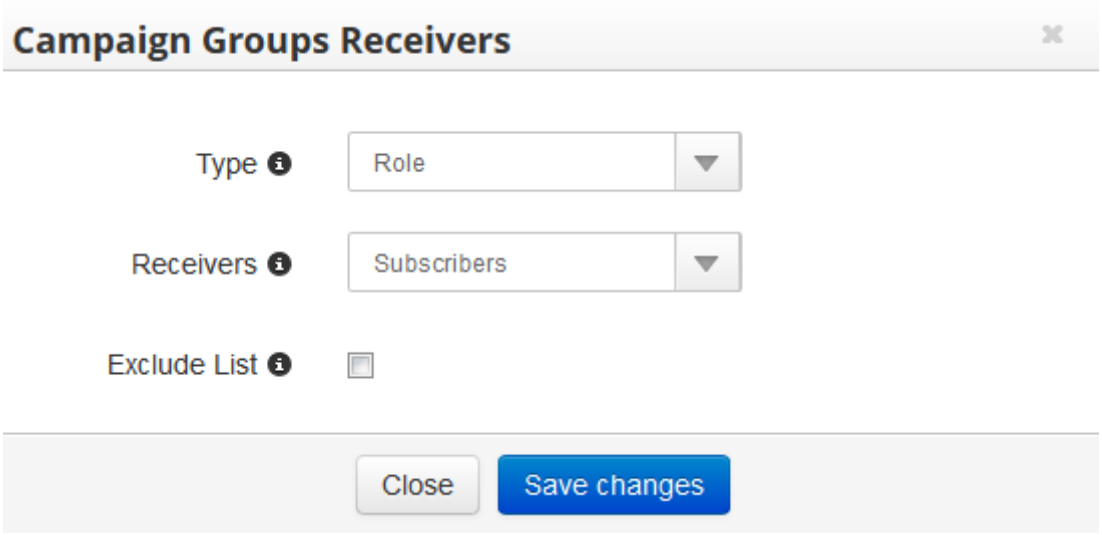
Clicking back to the tab with the campaign groups and clicking refresh

6. Now clicking Back to Campaign Groups tab
7. Click on Receivers



8. Click on Add

We wish to send the message to all Registered Users on our site. Remembering that as new members register they will receive the past messages as we defined in step 2 above.



Type

Role

Role for DNN user roles

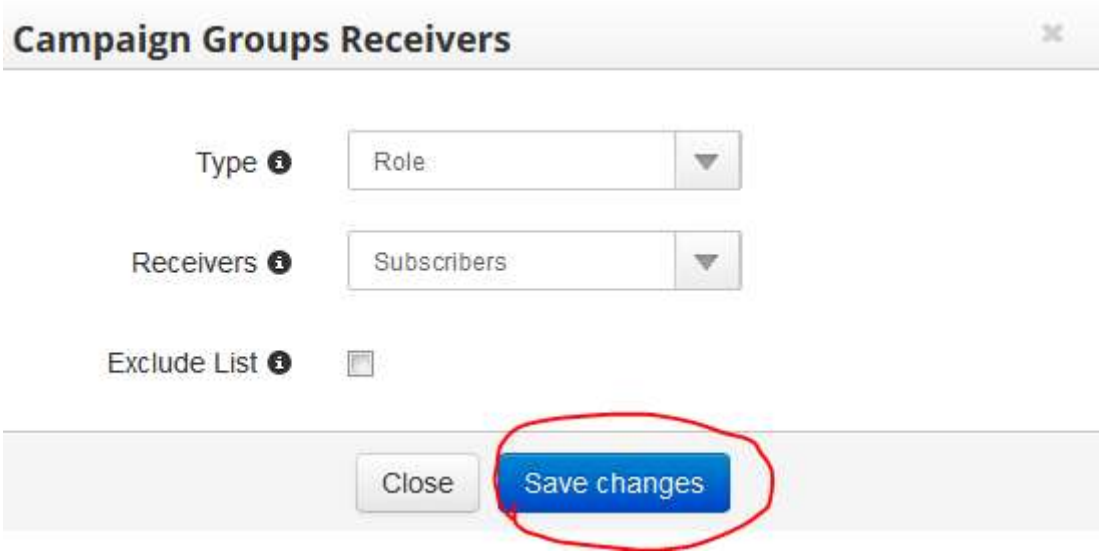
Email List

For custom imported email lists

Marketing List

For Microsoft CRM 4.0 integrated marketing lists. This is not a standard feature but is only active with our CRM suite integration.

9. We then select the Save Settings

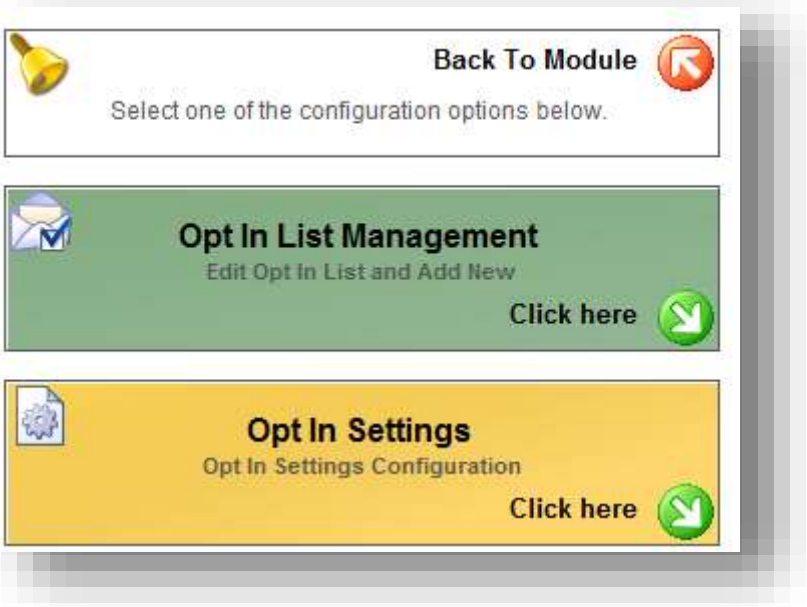


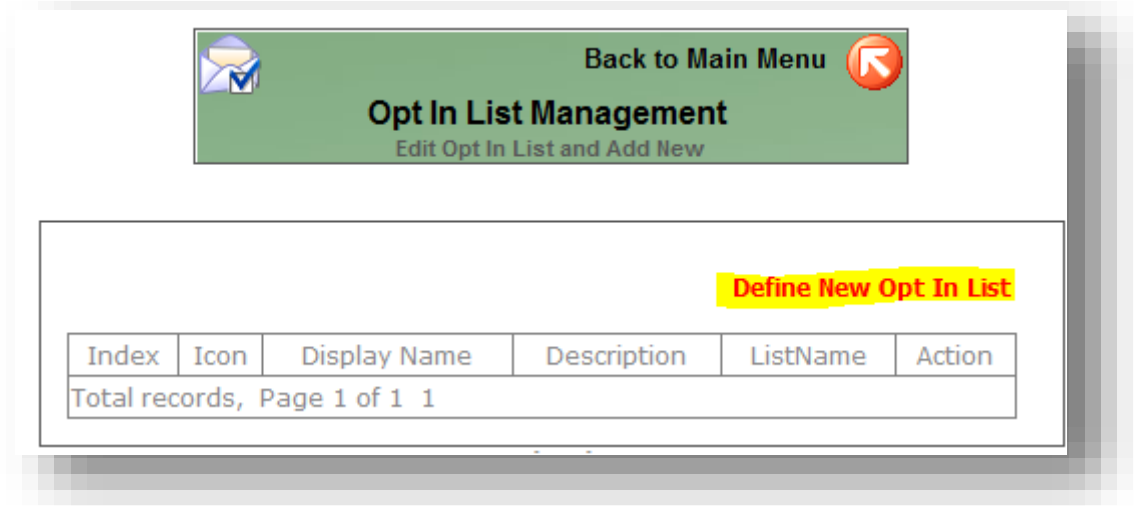
And we are done. Now all registered user will receive the campaign we created, and any future campaigns we add to the group. While at the same time, new members to our site will receive 3 weeks of past messages at a frequency of 2 days until they are up to date. Then they will receive new messages we add.

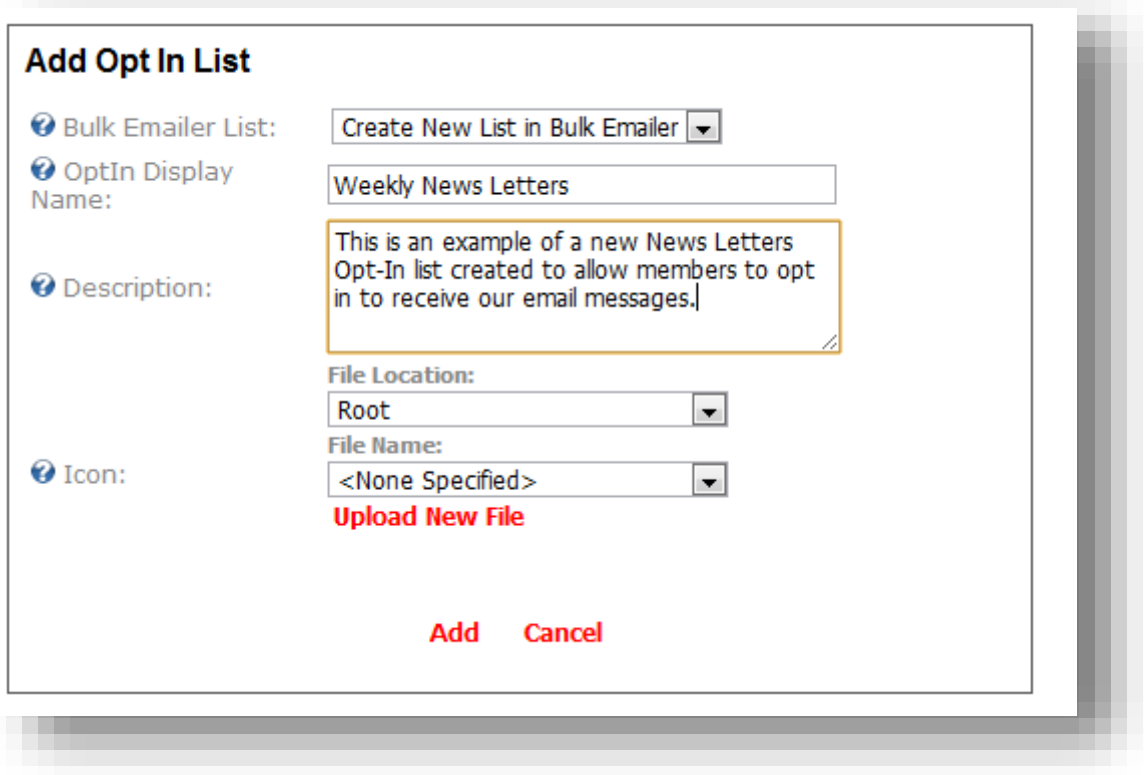
Opt-In Campaign Groups

An additional feature that people often request assistance in configuring is similar to the above example of a Campaign Group, but instead of sending the message to all registered users, they only wish to send message (both past and future) to people who specifically "Opt-In" to receive messages.

This is almost the identical process as above, but with one small difference. You first use the "Opt-In Module" included with the Bulk Emailer to create a new Opt-In List.







Then this Opt-In List can be defined as the “Receivers” in our defined Campaign Group Receivers at step 9 above.

This will then send past and future messages to people who Opt-In to receive email messages from us. We then use the Opt-In module to offer them the option of receiving our Email messages.

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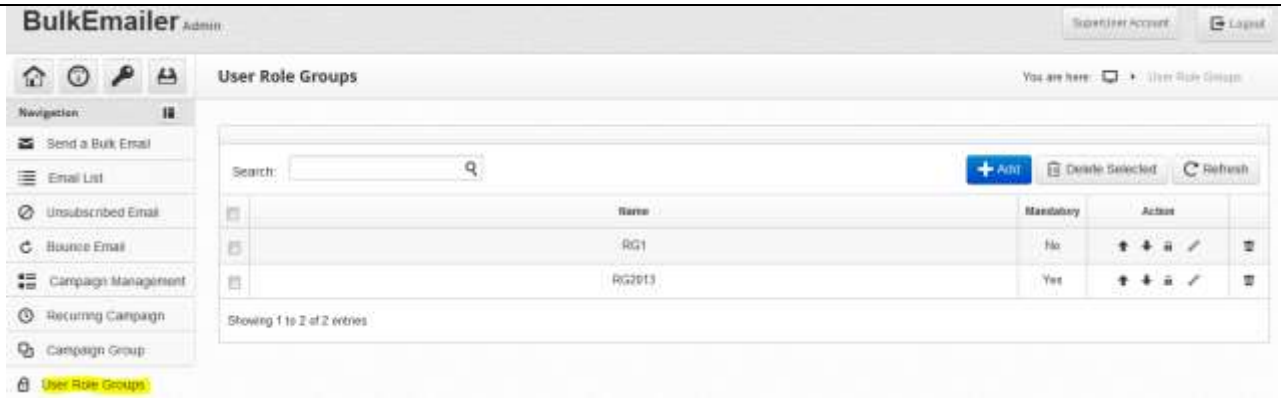
User Role Groups



This is a powerful conditional role selector that is possibly best demonstrated by some examples.

Demo here:
http://demo.interactivewebs.com.au/bulkemailer_450532/bulkemailer_450532_demo.htm

EG

If your DNN website has the following security roles.

Male

Female

New York

Las Angels

USA

Australia

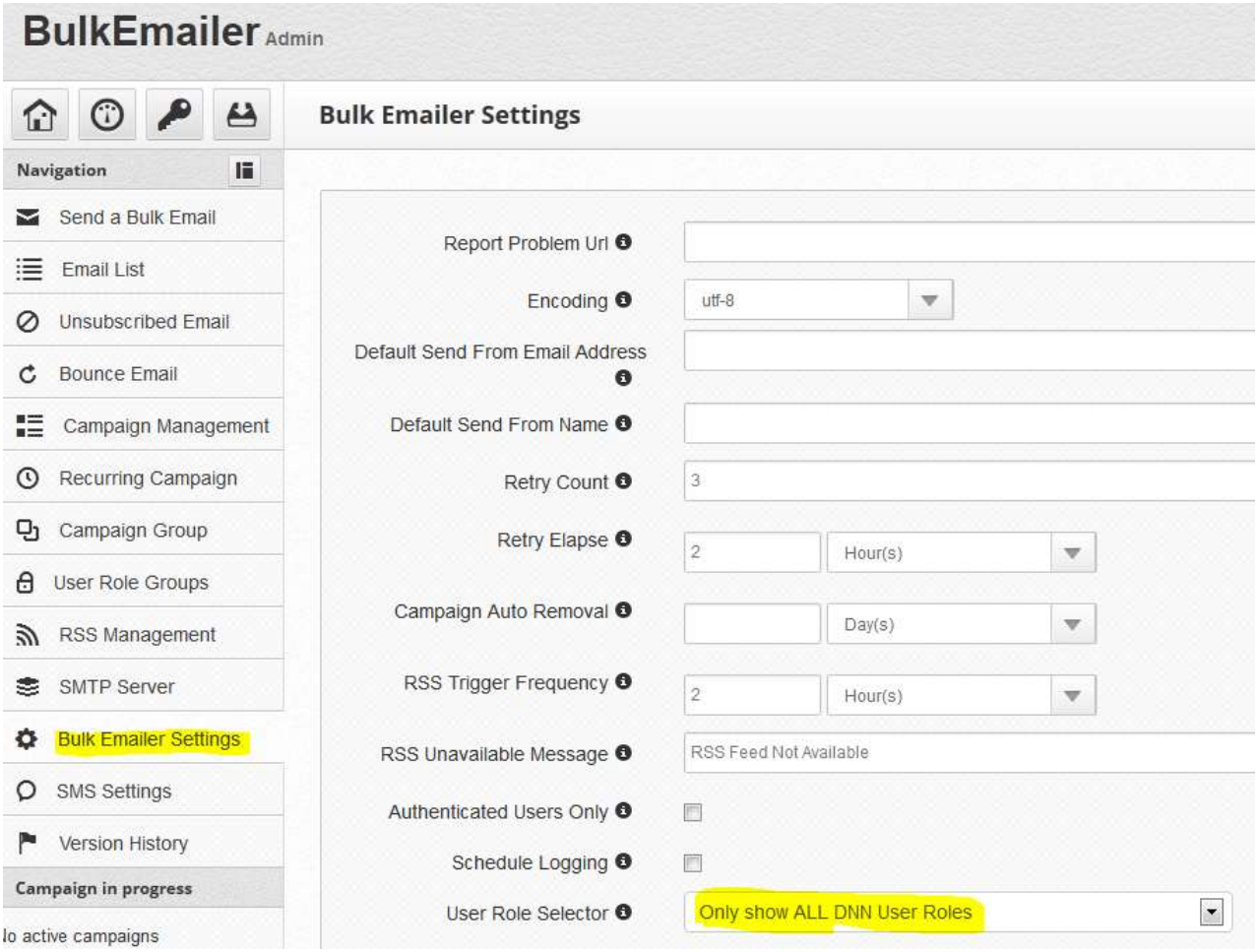
You could use the User Role Groups to create a matrix similar to this:

Sex	Male ☐	Female ☐
City	New York ☐	Los Angels ☐
Country	USA ☐	Australia ☐

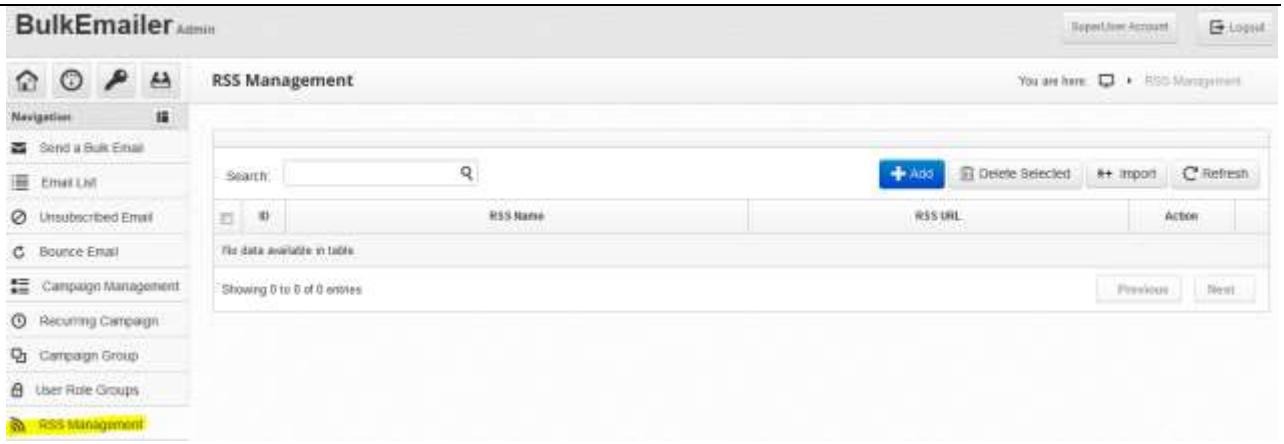
This can then be displayed in the Send Email are of the module to make the picking of DNN security roles easier.

Note: The picking options are cumulative. So if MALE, NEW YORK, USA – were all ticked in the example above, then only people who are members of all three security roles would be sent an email. Items can be set as required.

Displaying this matrix is set in the Edit Bulk Emailer Settings area of the module.



RSS Management



Setup of RSS Management

The RSS Management system is designed to allow the creation of RSS Feeds into a format that can then be inserted into an email by token.

You have two ways to define an RSS token in Bulk emailer,

1. You can embed raw RSS in the email directly, for example:

   [rss:http://support.interactivewebs.com.au/_layouts/listfeed.aspx?List=%7BE7542763%2D68AB%2D43EC%2DA2ED%2D0D90D982BFAE%7D&cnt=8;red;B1;B2;B2;]

   The format is [rss:**RSSURL**&**cnt=x**;**color**;**True**;**False**;**False**]

   RSSURL: URL of the RSS,

   cnt=x: Number of items to be displayed from the rss source. (cnt=8)

   Color: color of the text (red)

   B1: boolean value specify whether display header

   B2: boolean value specify whether display category (RSS TITLE)

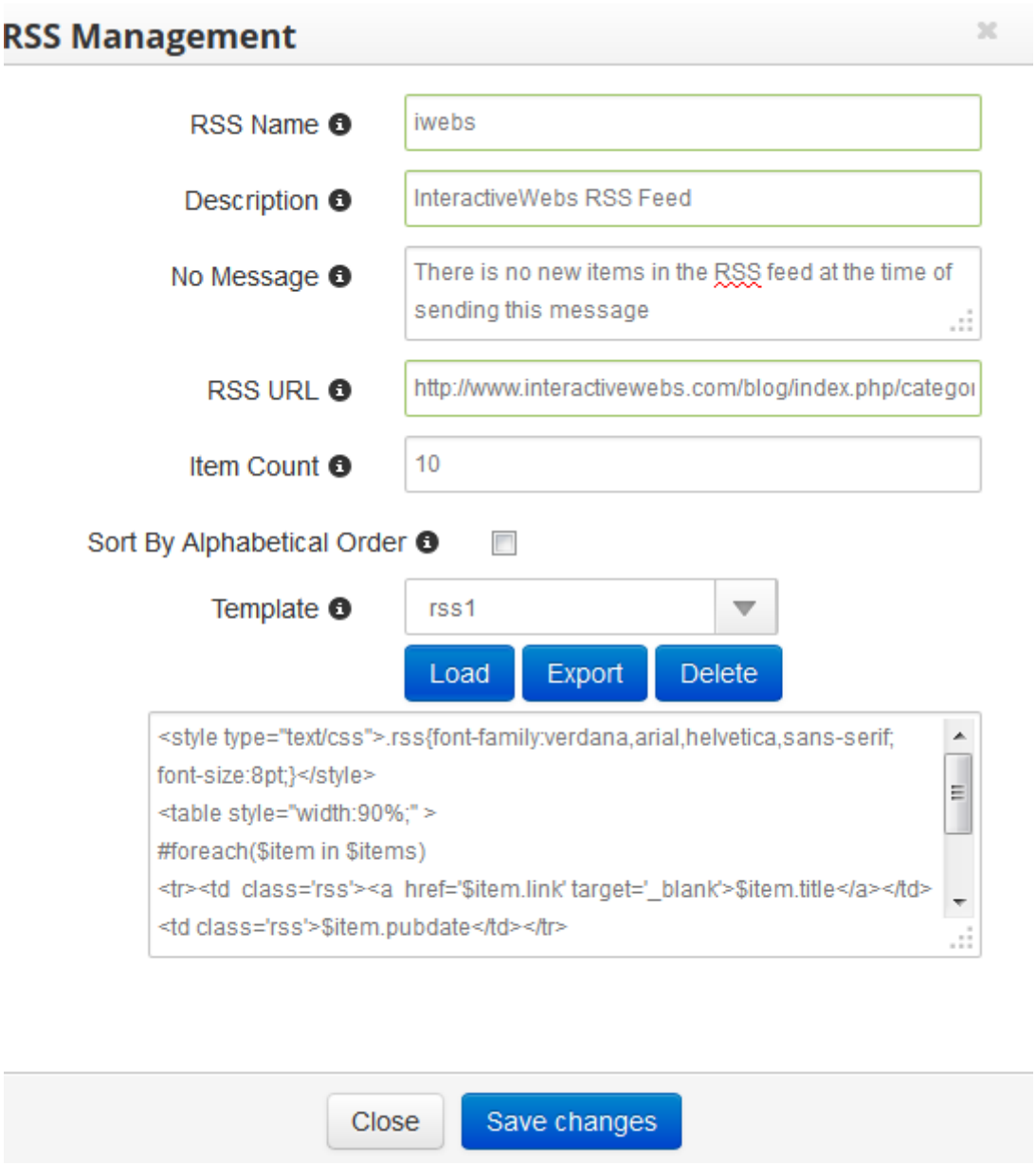
   B3: boolean value specify whether display publication date

   (http://support.interactivewebs.com.au/_layouts/listfeed.aspx?List=%7BE7542763%2D68AB%2D43EC%2DA2ED%2D0D90D982BFAE%7)

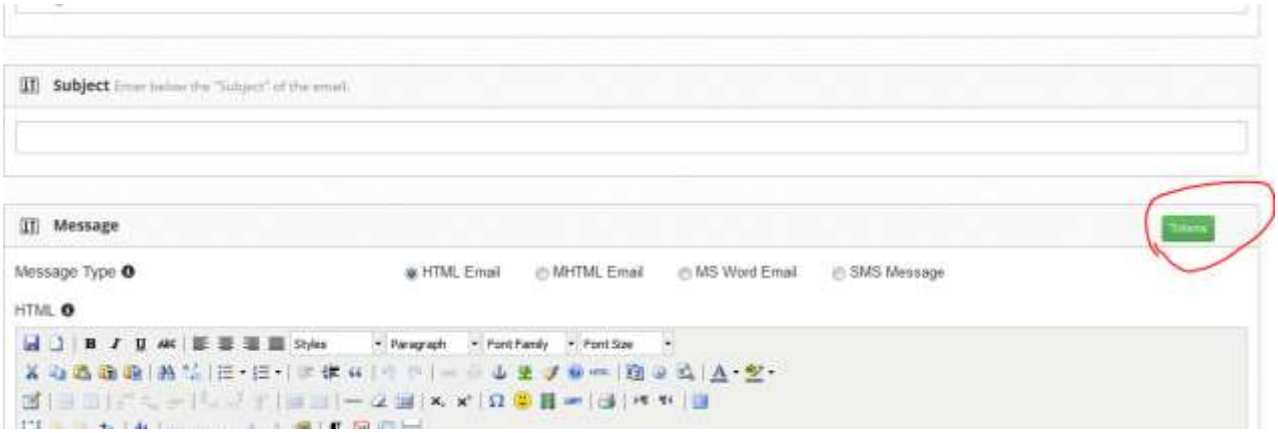
2. You can define an RSS with all parameters set in RSS Management Menu and reference the RSS by its name defined in rss management, for example:

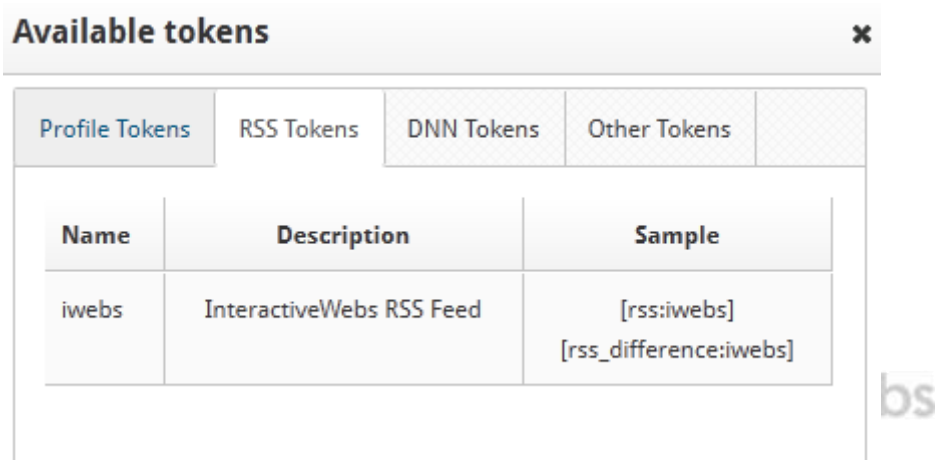
   [rss:**test**] , test is the name.

These RSS by Name links are defined in the RSS Management Menu.



This will generate a token option when sending an email message that looks like this:

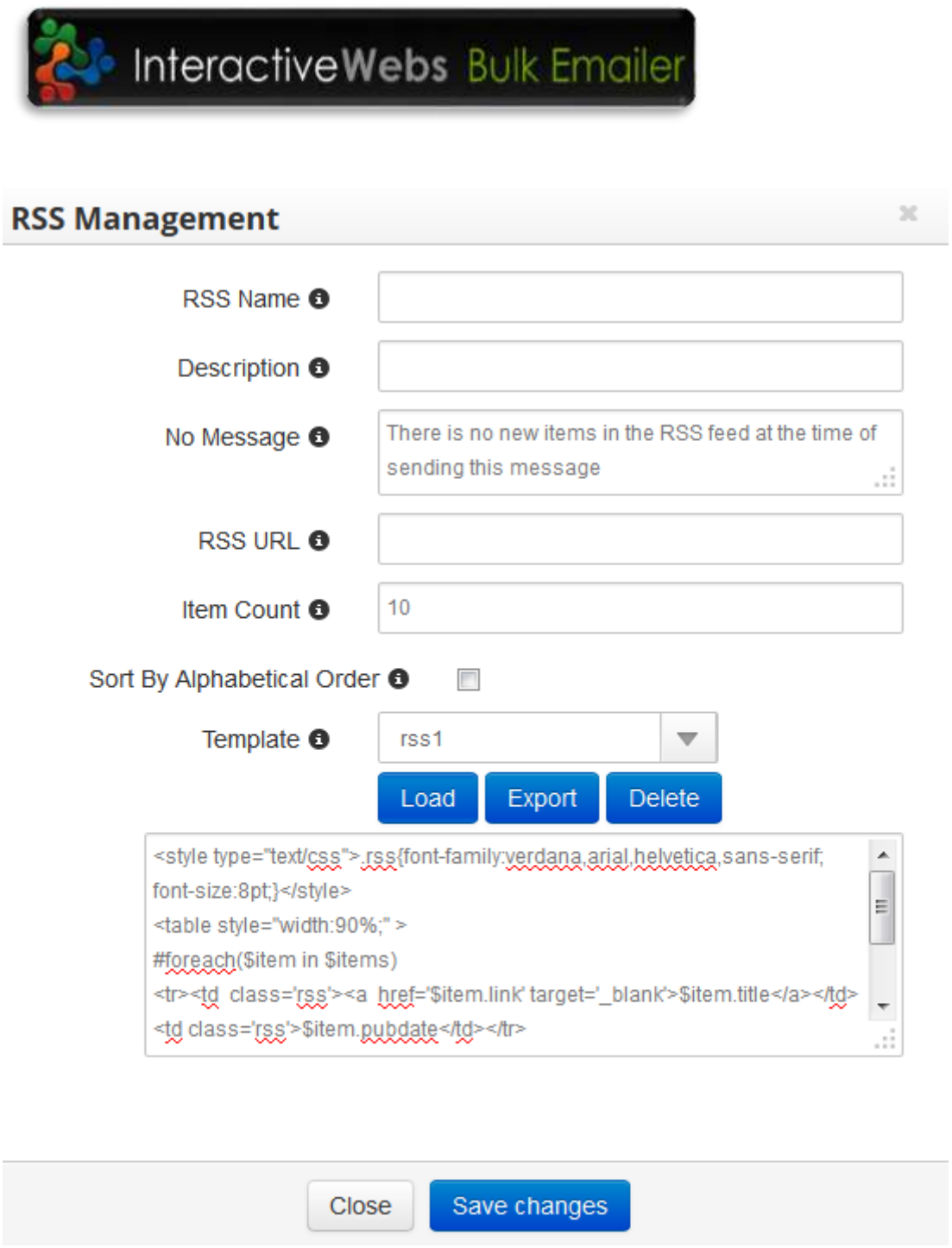




The creation of RSS feeds into this module is very powerful. It allows you to take a feed from any source, and use it as both the trigger and content of email messages to your clients.

Adding a New RSS Feed

By clicking the “Add New” from the “Edit RSS Management” menu, you will be taken to the location were you define the feed that will be used by the bulk emailer module.



RSS Feed Options

RSS Name

The name given to this RSS feed when used within the Bulk Emailer module. This will determine the token name that is used within an email to insert this RSS feed as defined. E.g. call this feed “feed1” then to call this as content in an email campaign you would insert [rss:feed1] into the body of the message.

Description

This is a text only description of the RSS feed you have linked to. The description will help remind you what feed name relates to what RSS feed when you list the RSS tokens available in a campaign send screen.

No New RSS Items Text

This is the text that will be used in a [rss_difference:] token if there have been no new RSS feed items since the last time an email was sent that references that feed. E.g. If you are sending a reoccurring campaign each week, you may wish this text to read “No new news this week.

RSS URL

This is the URL that will be used to retrieve the RSS content, or basically the RSS URL.

Item Count

When a token is used in an email, this will be the limiting number of RSS messages to be displayed at one time. When the email is part of a reoccurring campaign that is triggered by the change in RSS content, this value will be a limit usually only for the first message sent. Range is 1-100 items.

Sort by Alphabetical Order

Check this option if you want the list sorted by title order.

Import/Export Templates

Use this feature to export custom templates as .zip packages. The packages can then be saved as a backup, or imported on other sites as a template to use in your templates.

Predefined Templates

Select a predefined template to use as the templates for your site. This is a quick and easy to way to use either vertical or horizontal design layouts, “out of the box” with this module.

InteractiveWebs

Template

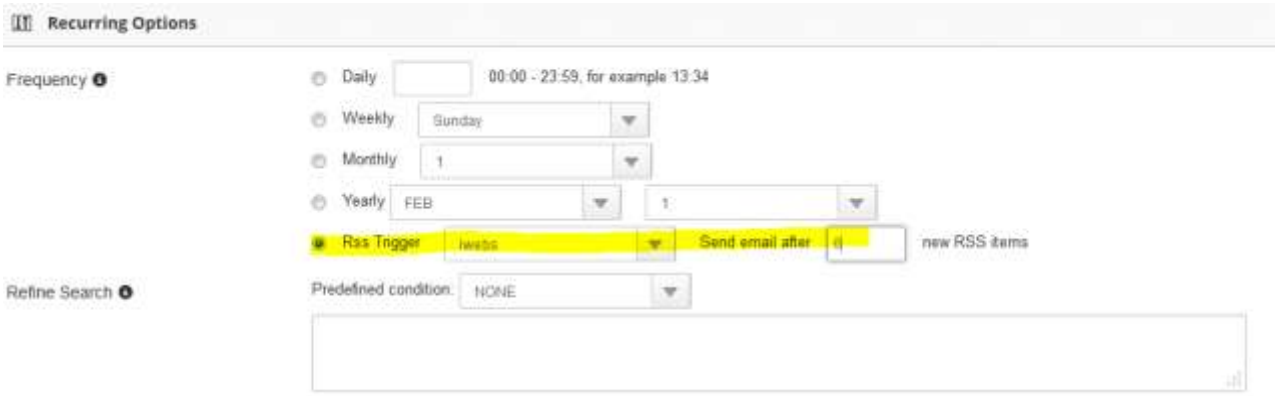
You can customize the look and feel of the RSS content in the email by modifying the template below. The module uses velocity template engine to render the content. For more detailed information, please visit: http://velocity.apache.org/.

Preview

Click the button on the right to preview the RSS message.

What can you do with RSS Feeds

With these advanced RSS options, it is possible to send email messages with RSS content automatically when the count of the RSS changes is reached. This is handled in the Recurring Campaign Management area of the module. Such that when you are defining the recurring campaign, you select the recurring option as the RSS trigger.



In this example we have set a new email message would be sent, when there are 6 new items in the RSS feed. Then by using the RSS token for the same feed as the content of the email message, the details of the 6 RSS items will be automatically sent in an email to the recipients.

Combining Multiple RSS Feeds

If you wish to combine multiple RSS sources into a single feed, then we recommend the use of Yahoo Pipes:

- http://pipes.yahoo.com

Pipes is a powerful composition tool to aggregate, manipulate, and mashup content from around the web.

Like Unix pipes, simple commands can be combined together to create output that meets your needs:

- combine many feeds into one, then sort, filter and translate it.
- geocode your favorite feeds and browse the items on an interactive map.
- power widgets/badges on your web site.
- grab the output of any Pipes as RSS, JSON, KML, and other formats.

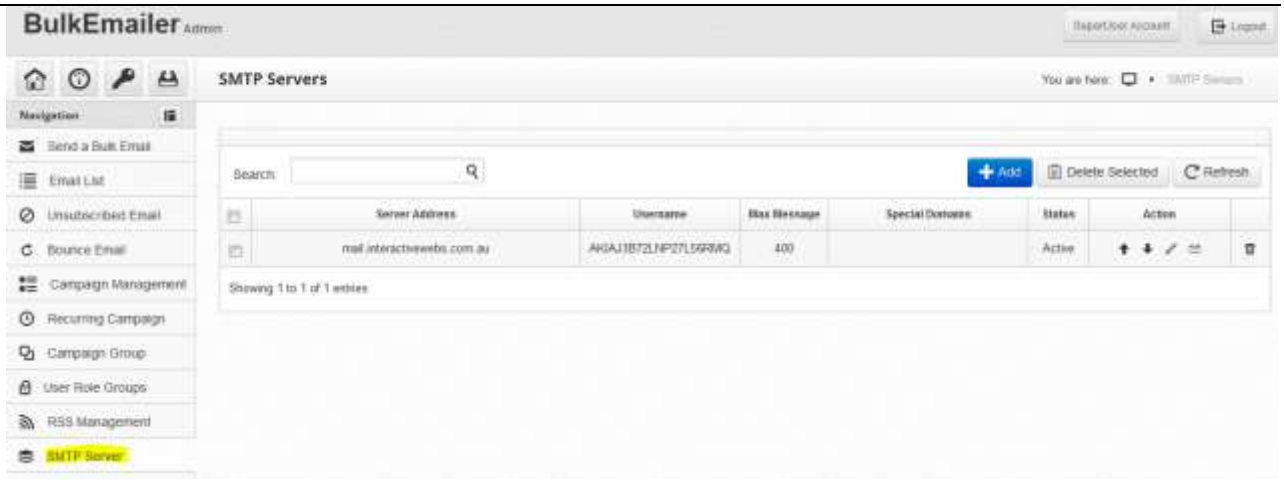
Caching and Tracking RSS Feeds

If you wish to custom manage your RSS feeds, including caching, tracking and allowing subscribing, then we recommend Feed Burner from Google.

- http://feedburner.google.com

Feedburner is essentially an add-on service for your blog that tracks people who subscribe to your blog using RSS. RSS is a web technology that means “really simple syndication” … in normal speak, that just means it’s a technology that lets different programs latch onto your website (blog) and grab your content.

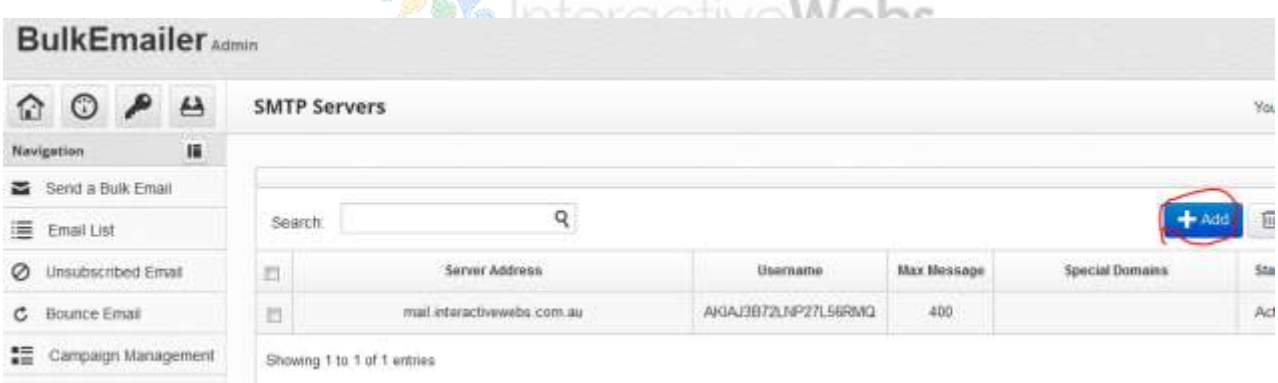
SMTP Server



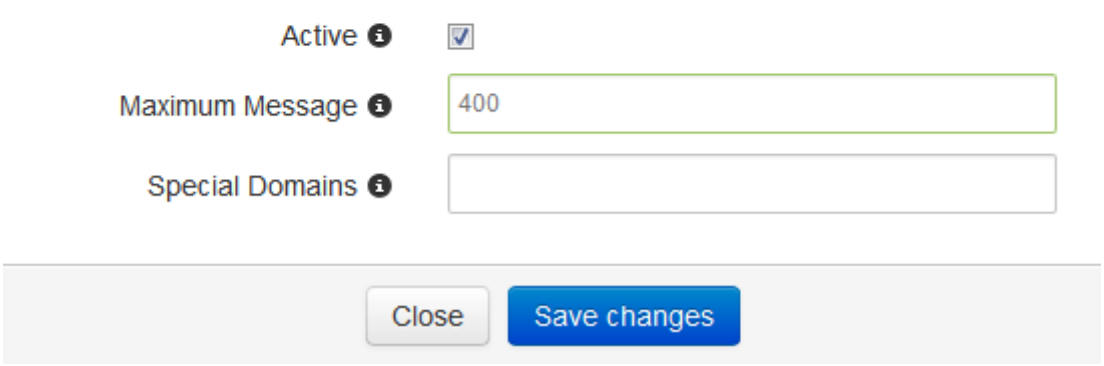
The module can accept a number of configurations for the SMTP server. The idea is that you can either accept the default SMTP settings of the DNN Host configuration, or you can configure your own more advanced settings.

Demo: http://demo.interactivewebs.com.au/bulkemailer450536/bulkemailer450536_demo.htm

From the SMTP Server page, select Add



Then define your SMTP server settings for each of the new SMTP servers that you add.



Server Address:

This is the address name or IP number of the SMTP server.

Server Port:

This is the port via which communications will be established, normally port 25 however the option is there to configure something custom. On Gmail servers the port required is 465 for example. http://mail.google.com/support/bin/answer.py?hl=en&answer=13287

Enable SSL:

Tick to enable SSL communications to an SMTP server that is either configured to allow it, or requires it (eg. gmail servers).

Authentication:

Select the Authentication method. Talk to your host, or server admin for details on this.

User Name:

The user name provided by your host or admin for authentication to the SMTP server.

Password:

Think we all know what this is for!

Active:

Tick to enable or disable this server from being part of your SMTP server list. It may be for example that you want to stop communication to an SMTP server temporarily.

Maximum Message:

This is the number of messages to send to that particular server before the process will move the next available server. Gmail for example will only allow 400 messages per day, so setting something less than this would help to ensure you are not trying to send via an email server that is not allowing you to send.

Amazon Simple Email Service Configuration

The Bulk Emailer has been especially coded to allow the use of Amazon's SES service. (http://aws.amazon.com/ses/). SES is a low cost third party SMTP and Simple Email Service. It is highly recommended for anyone who has a host for their website that has limitations on sending email in bulk via their STMP server.

SES Setup

NOTE: Amazon SES services will not support Word Document Sending or MHTML sending.
An Amazon guide for setup of their services is available here:
http://docs.amazonwebservices.com/ses/latest/GettingStartedGuide/Welcome.html

Essentially the steps you need to follow are these:

We suggest that you follow their document to setup services with Amazon.

Once you have your account in order, there are two ways of sending email via the SES service.

- Method 1- Using SES web services.
- Method 2 - The traditional SMTP connection method.

Things actually get a little confusing at this point, because these two different methods have unique ways of communication, and in Amazon they explain things very poorly.

Method 1 – Using SES Webs Services

This is using Web services to send email. This requires special code, and will not work with the standard STMP settings in your HOST / SMTP settings area of your DNN website.

This method will work with our Bulk Emailer module as we have written the special code necessary to send messages via this SES web service method.

To use this service you need to determine your Amazon Access Credentials. To find these:

a) Visit: https://portal.aws.amazon.com/gp/aws/securityCredentials
b) Under Access Keys you will find your Access Key ID and Secret Access Key

Access Credentials

There are three types of access credentials used to authenticate your requests to AWS services: (a) access ke
(b) X.509 certificates, and (c) key pairs. Each access credential type is explained below.

Access Keys | X.509 Certificates | Key Pairs

Use access keys to make secure REST or Query protocol requests to any AWS service API. We create one for you when your account is created — see your access key below.

Your Access Keys

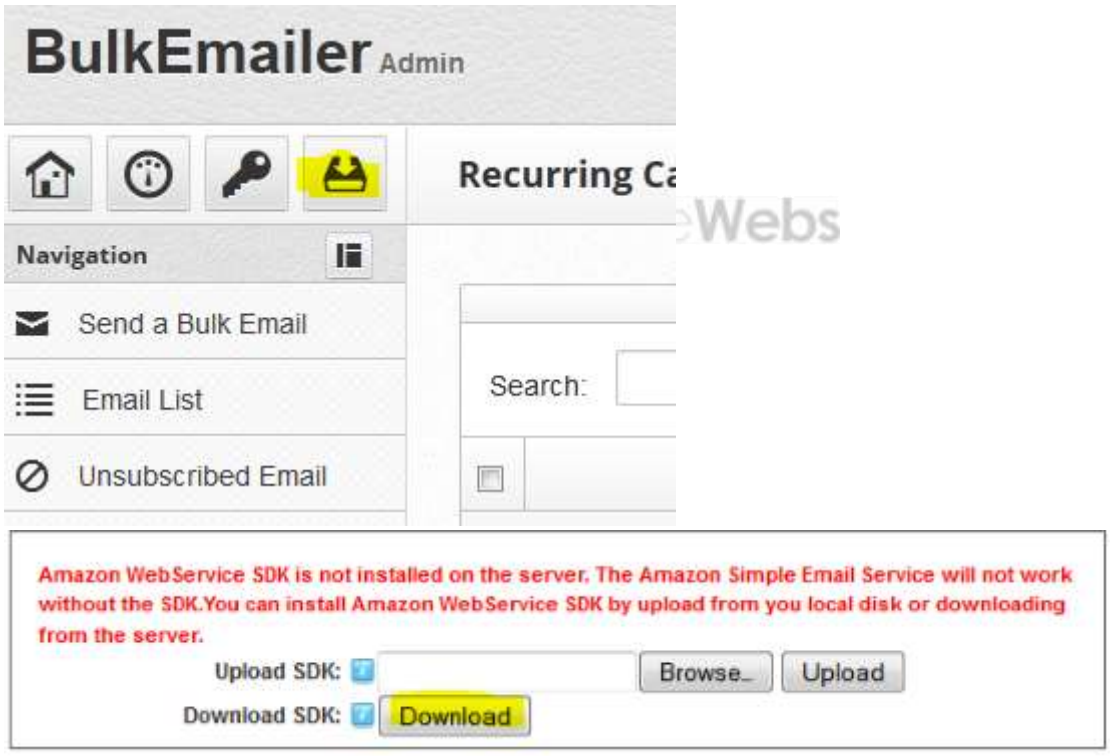
Created	Access Key ID	Secret Access Key	Status
January 2, 2010	[redacted]	Show	Active (Make Inactive)

Create a new Access Key

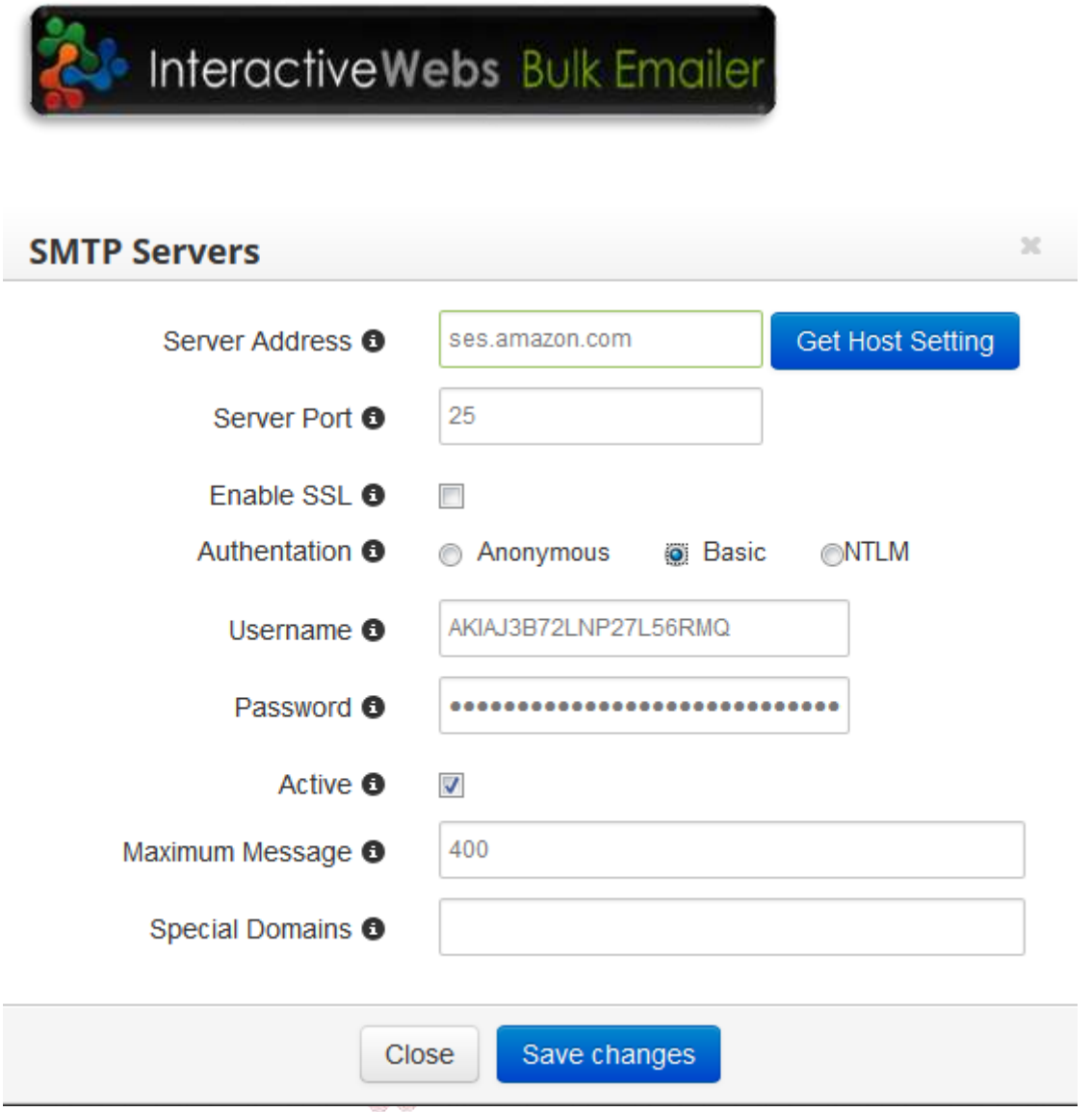
For your protection, you should never share your secret access keys with anyone. In addition, industry best practice recommends frequent key rotation.

Learn more about Access Keys

c) Go to the Bulk Emailer Install System Files and ensure that the Amazon Web Service is installed.



d) Then in Bulk Emailer SMTP Servers you can configure a new server with the following credentials:



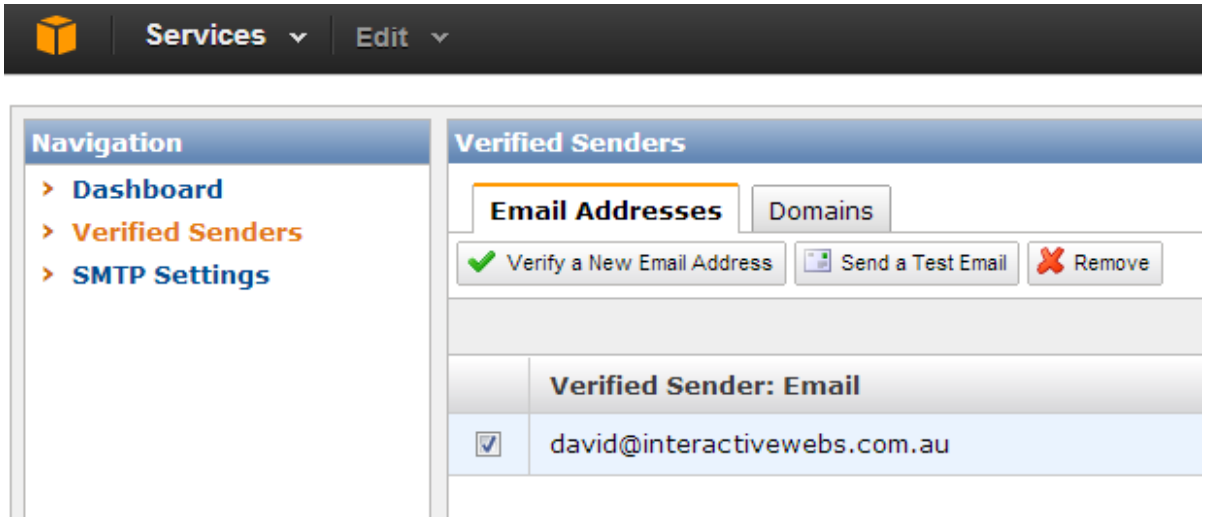
- Where the server address is: ses.amazon.com (this is the name that triggers the web service method to be used)
- Port: 25 (technically this is ignored)
- Basic Authentication
- User Name: You're Amazon Access Key ID
- Password: You're Amazon Secret Access Key
- Maximum Message: Blank will be unlimited

Method 2 - The traditional SMTP connection method

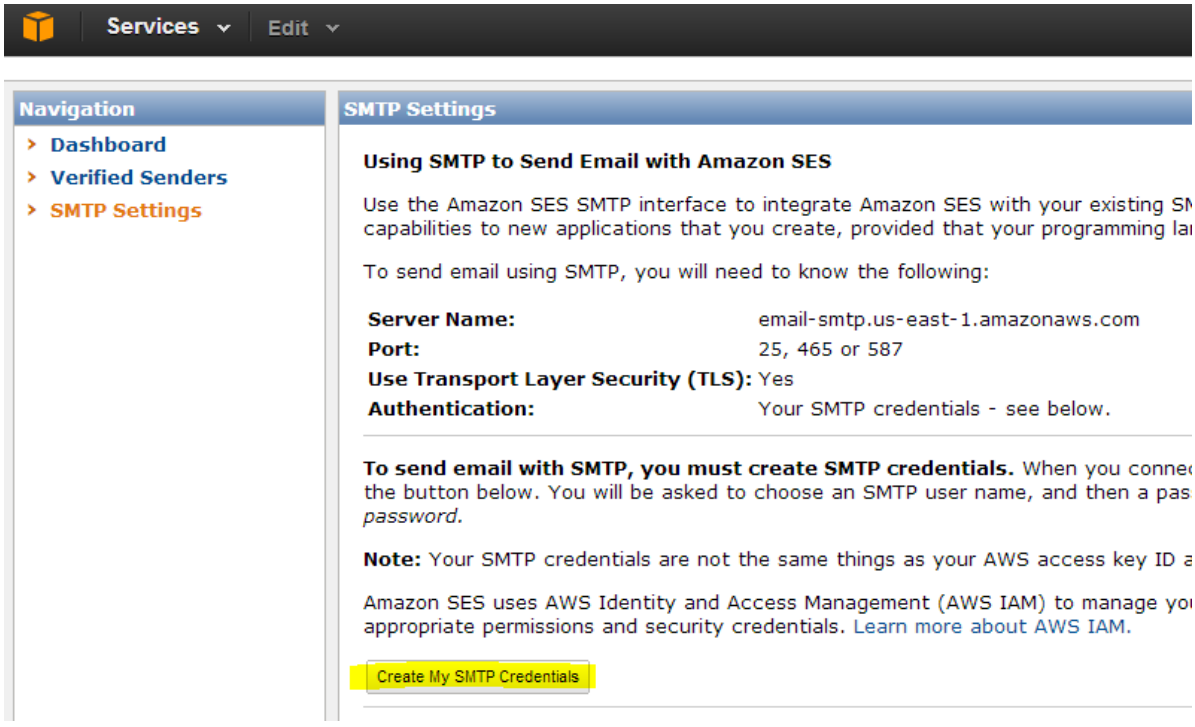
Only recently, Amazon has allowed their SES service to be used as a standard SMTP server. This is great news for DotNetNuke site owners, as it allows you to use their server for all your email sending.

To setup this service you need to perform some additional steps.

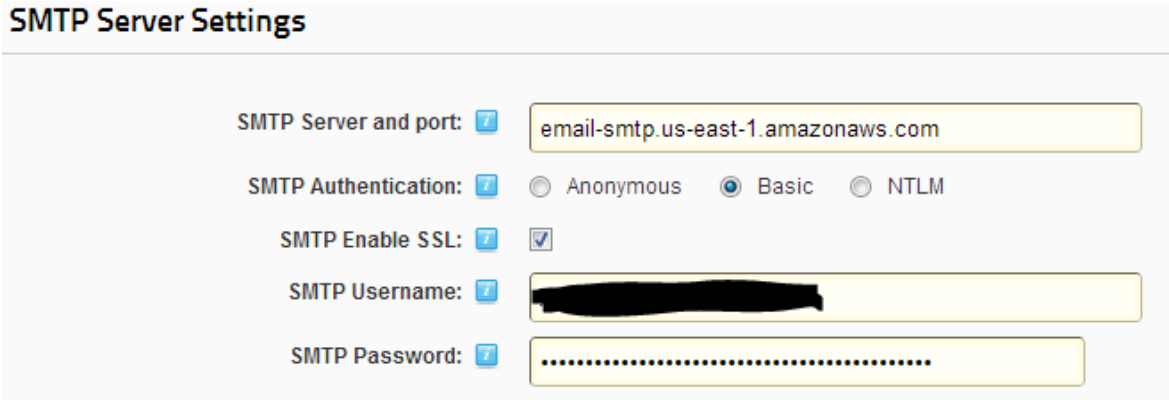
a. Ensure that you have authorized your email address and or domain name in SES https://console.aws.amazon.com/ses/home#verified-senders:email



b. Navigated to the SMTP Settings and created SMTP Credentials https://console.aws.amazon.com/ses/home#smtp-settings:

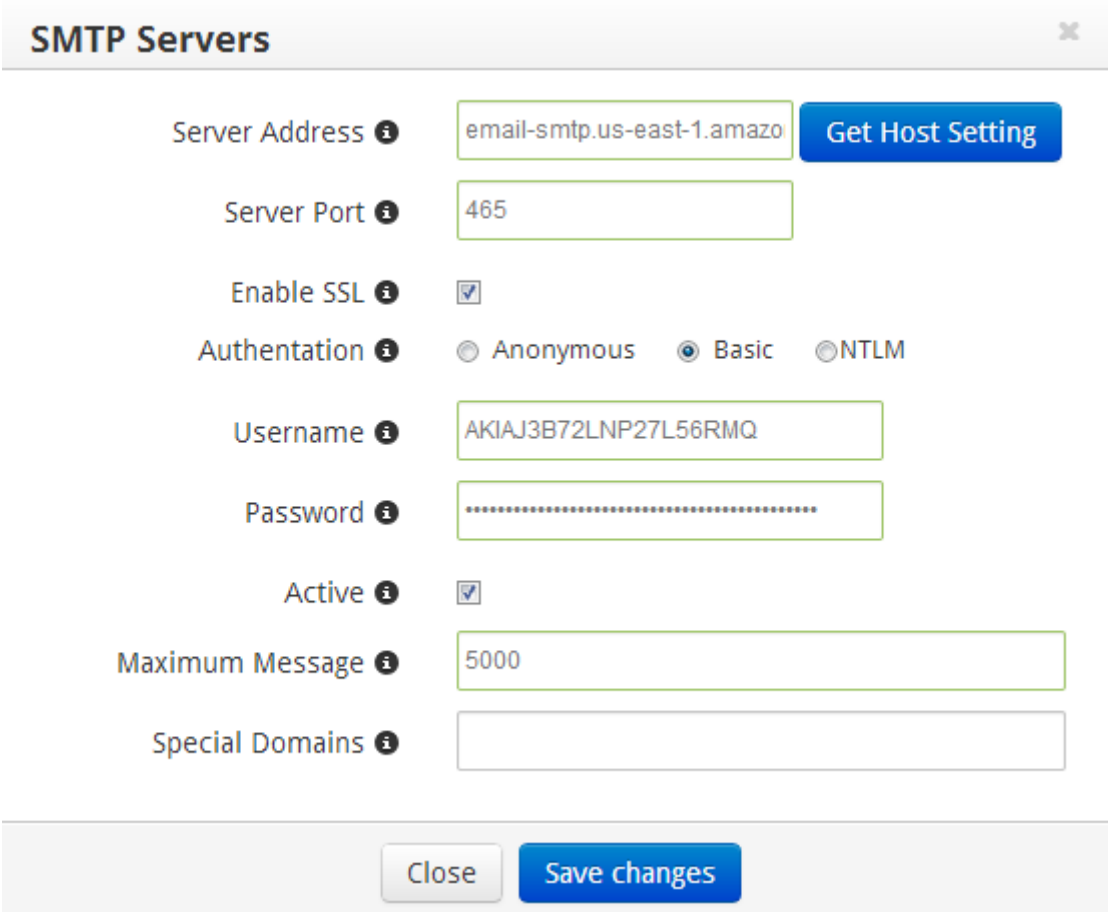


Then you are ready to use these settings either in DotNetNuke as the SMTP server settings:



Using the provided user name and pass that the Create SMTP Credentials button generates.

These settings too can be entered into the Bulk Emailer STMP Settings:

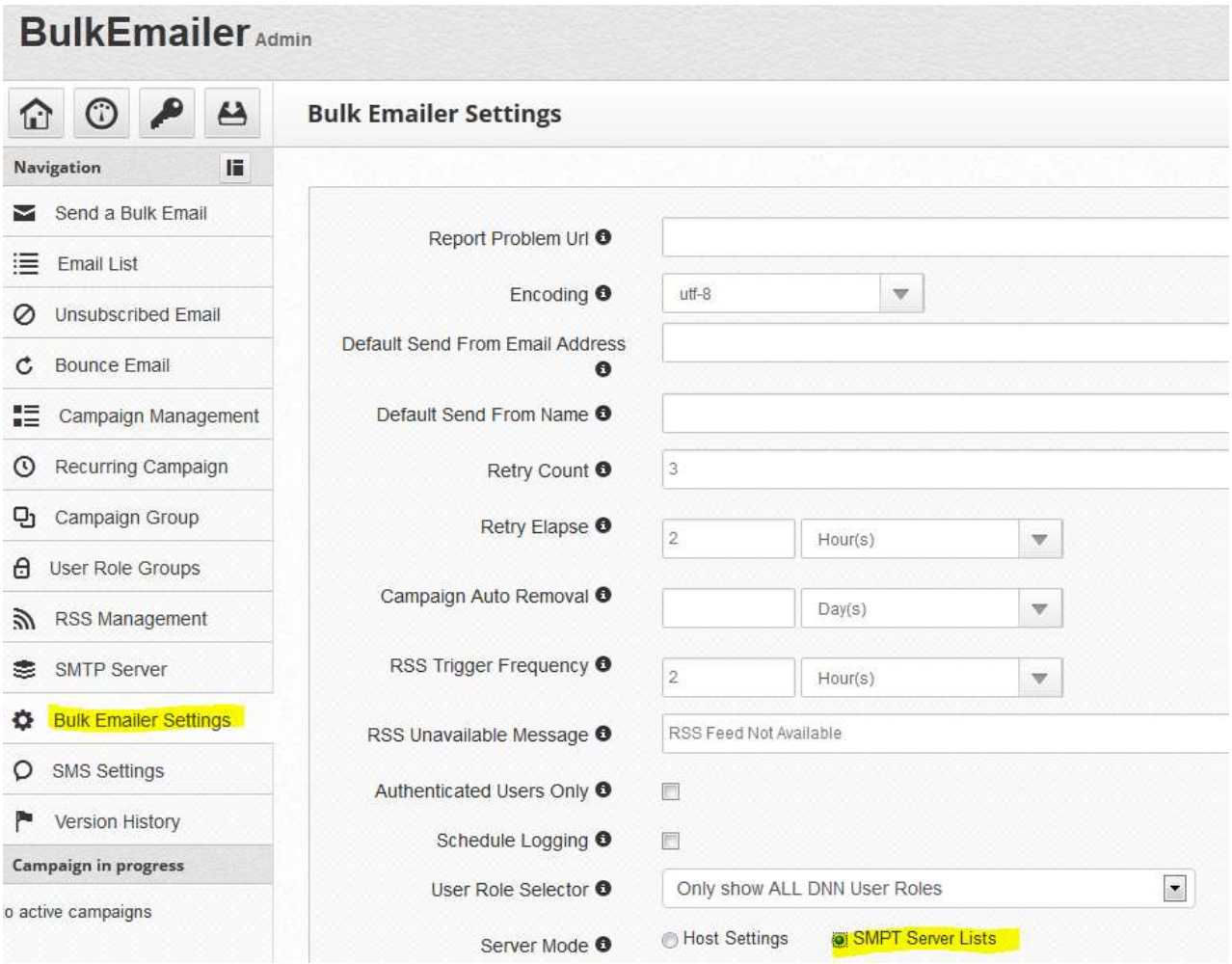


- Note that the server address is different than the previously example. (not the ses.amazon.com)
- Port 465 – Required
- Enable SSL – Required
- Basic Authentication - Required

Special Domains:

This is where you define the domains that this email server will handle. For example, if you would like the gmail server to deliver only gmail messages. Then you can set “gmail.com” as the special domain of your configured gmail server. Any email address ending in gmail.com will be sent via that server.

Enabling Custom SMTP Settings



In the Bulk Emailer Settings you can select Server Mode or SMTP Server Mode.

Server Mode

Host Settings:

Use the SMTP settings from the DNN Host Settings SMTP area.

SMTP Server List:

Uses the SMTP servers configured in the SMTP Server area of the module. (see above)

Rotary:

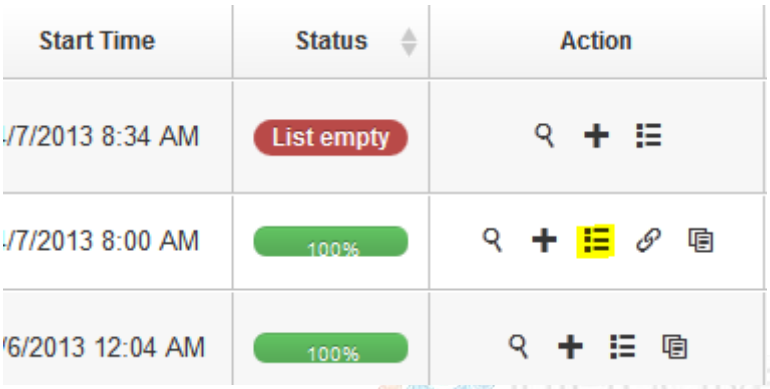
Rotary uses the smtp servers in a rotation queue. Sending messages to one server in a batch of 50 then moving onto the next server in the queue. This allows for more rapid sending of email messages. By splitting messages to multiple smpt servers, you can help to avoid being black banned by charging huge numbers of messages out via a single server.

Fallover:

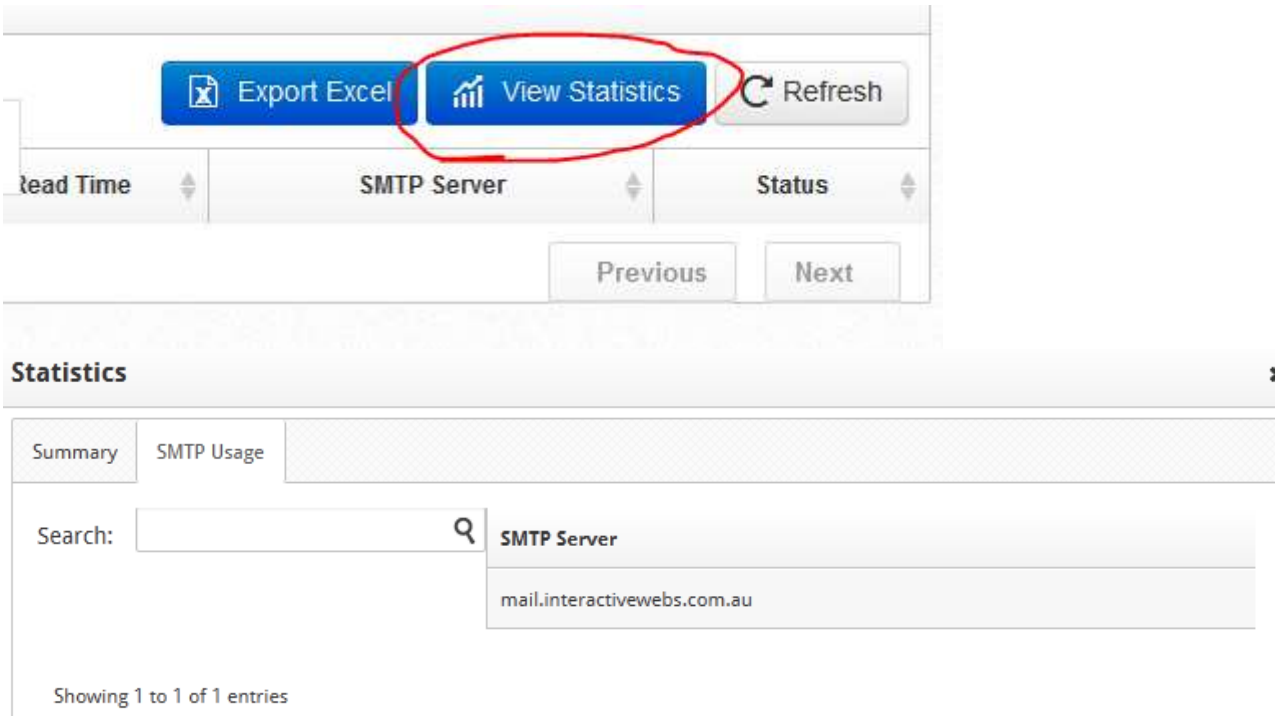
This option allows you to have one or multiple servers acting as a backup. The send method will send all the messages to the first server, however if the connection to that server fails, it will then move onto the number 2 server to try and send the campaigns.

Reporting on SMTP server.

From the Campaign Management, select the details of a past campaign.



Then Select “View Statistics” to see the smtp servers and the number of messages in that campaign that went to the specific server.



Potential SMTP Problems

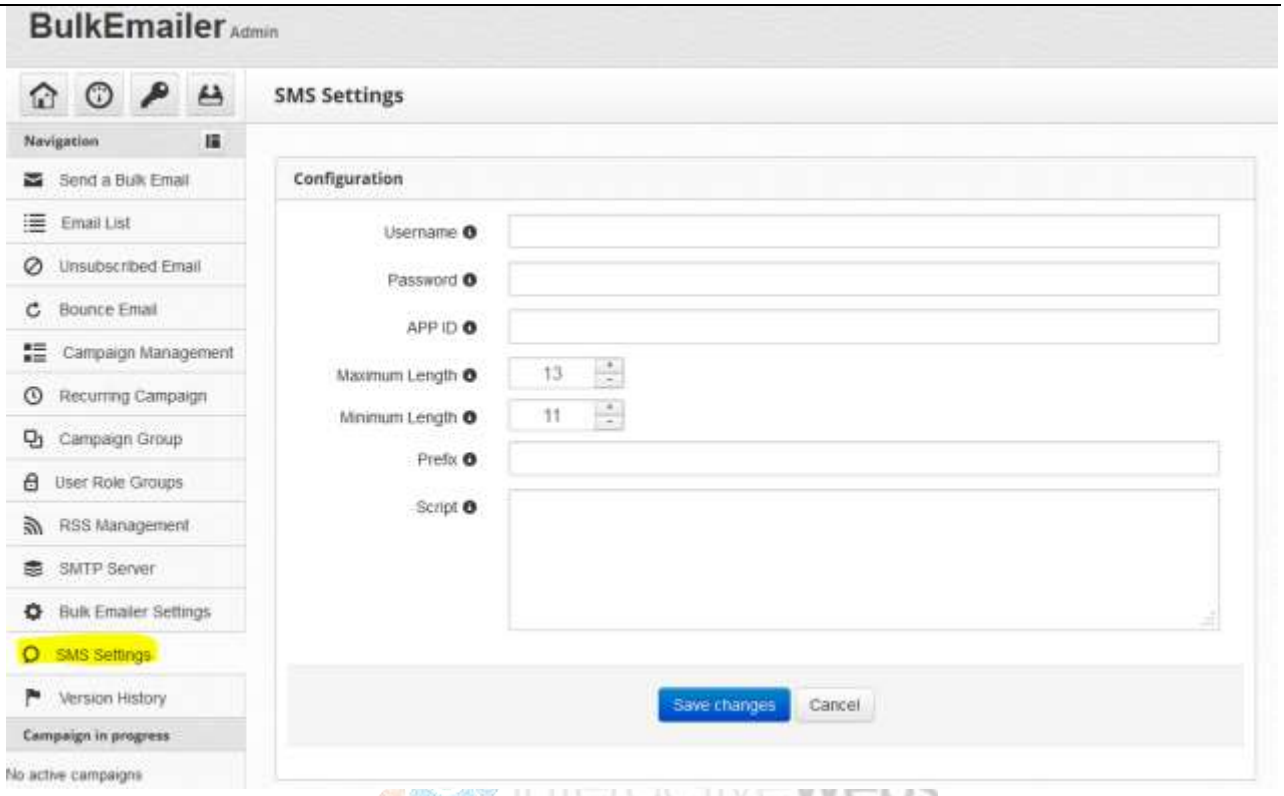
The host provider that you have your website with can limit the number of messages that you are able to send from your website. These limits can vary and cause a large amount of confusion over what appears to be a problem with the Bulk Emailer module. The reality may be that it is just a limit imposed by your host.

Here is a link to some of the limits imposed by various hosts:
http://www.interactivewebs.com/blog/index.php/general-tips/email-limits-for-web-hosting-providers/

If you suspect that your ISP has a limit, you should contact them and ask what that limit is. You can then modify the bulk emailer to reduce the send rate to fit within the host's limits. Details can be round under the section called Delivery Speed.

If this is too restrictive, you can use a third party SMTP service to relay messages from your site.

SMS Settings

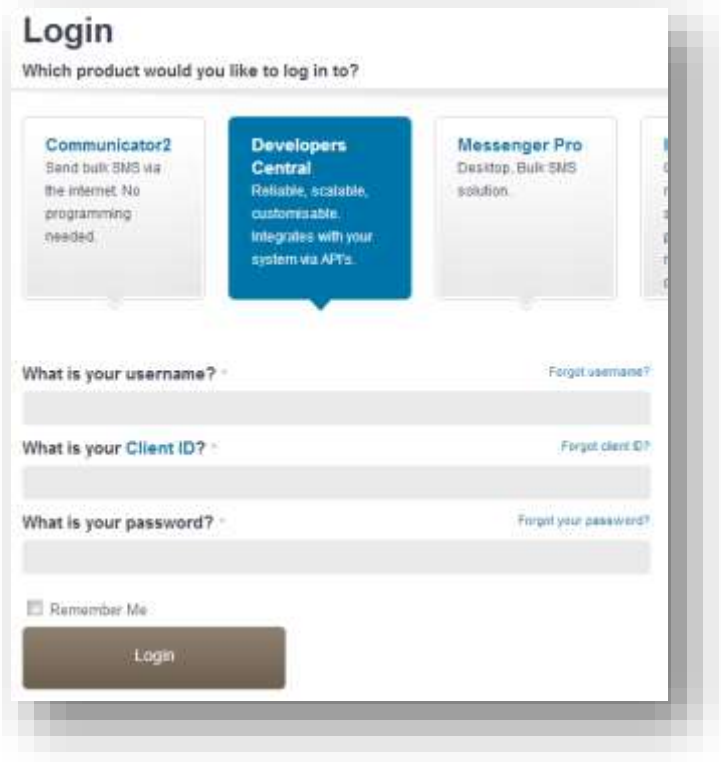


The Bulk Emailer can be used to send bulk sms messages to mobile (cell) phones. To do this we have used the servers of a SMS gateway provider known as Clickatell. They are one of the bigger SMS service providers that offer extensive services to most places in the world.

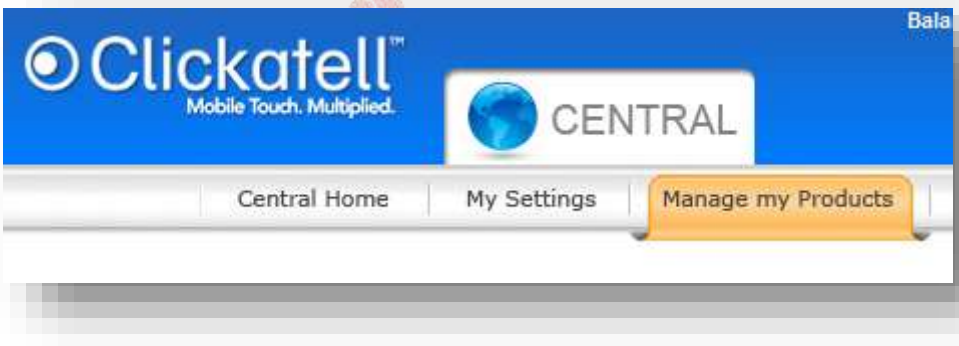
To send SMS messages from Bulk Emailer, you need to sign up for services with Clickatell and purchase some SMS credits. You can register and receive 10 free credits here: https://www.clickatell.com/register/

Once registered and some credits purchased, there is a little bit of configuration required at their end.

Login to the Developers Central https://www.clickatell.com/login/



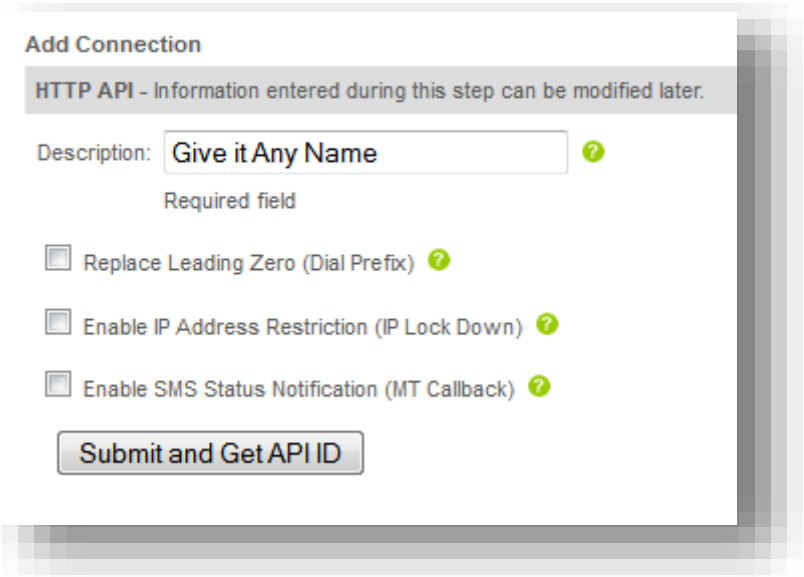
Then click on Manage My Products



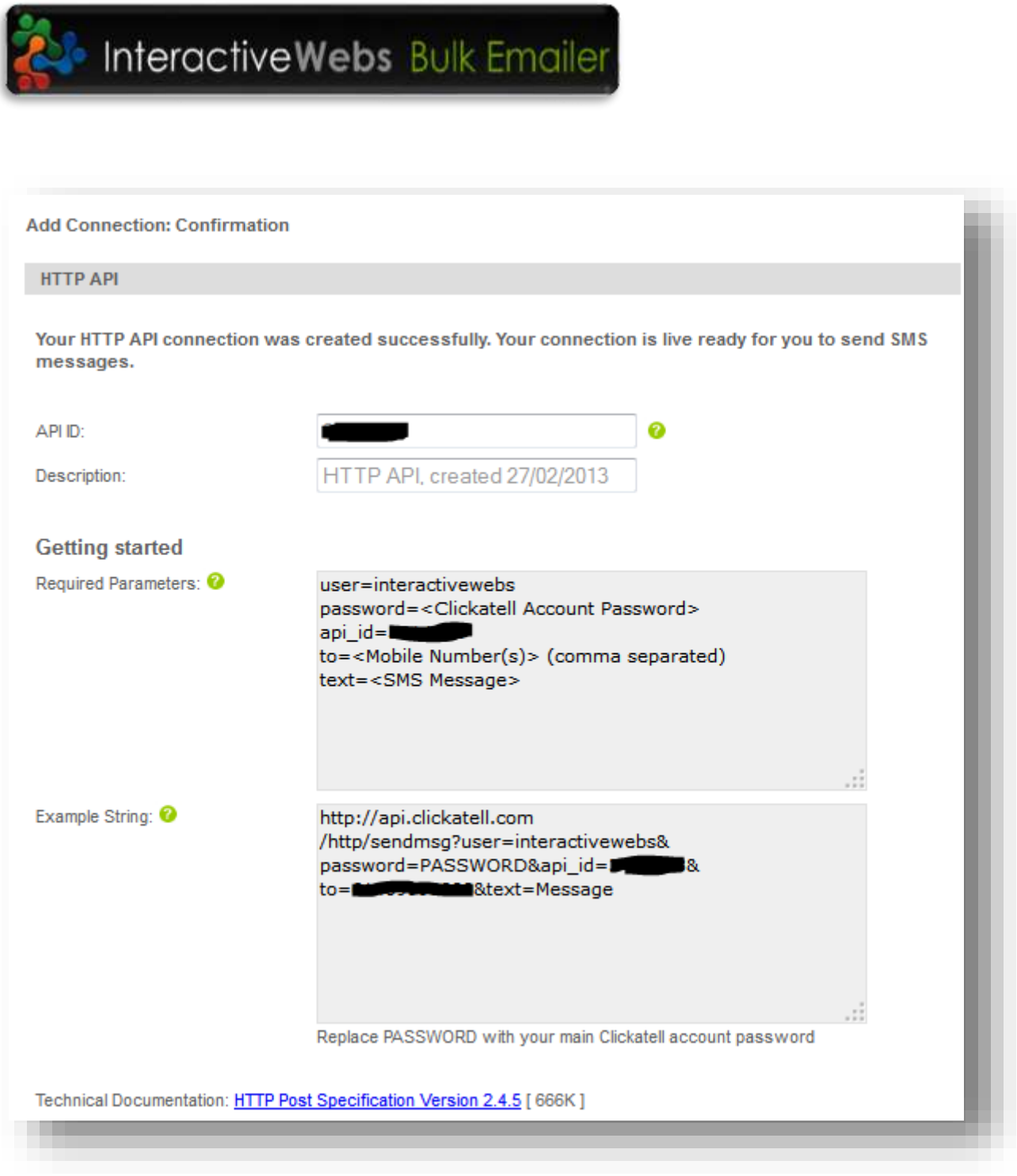
Here you will need to create an HTTP API to allow the Bulk Emailer to connect to the Clickatell services.

From the Add Connection dropdown, select HTTP.

Define any name you like and submit:



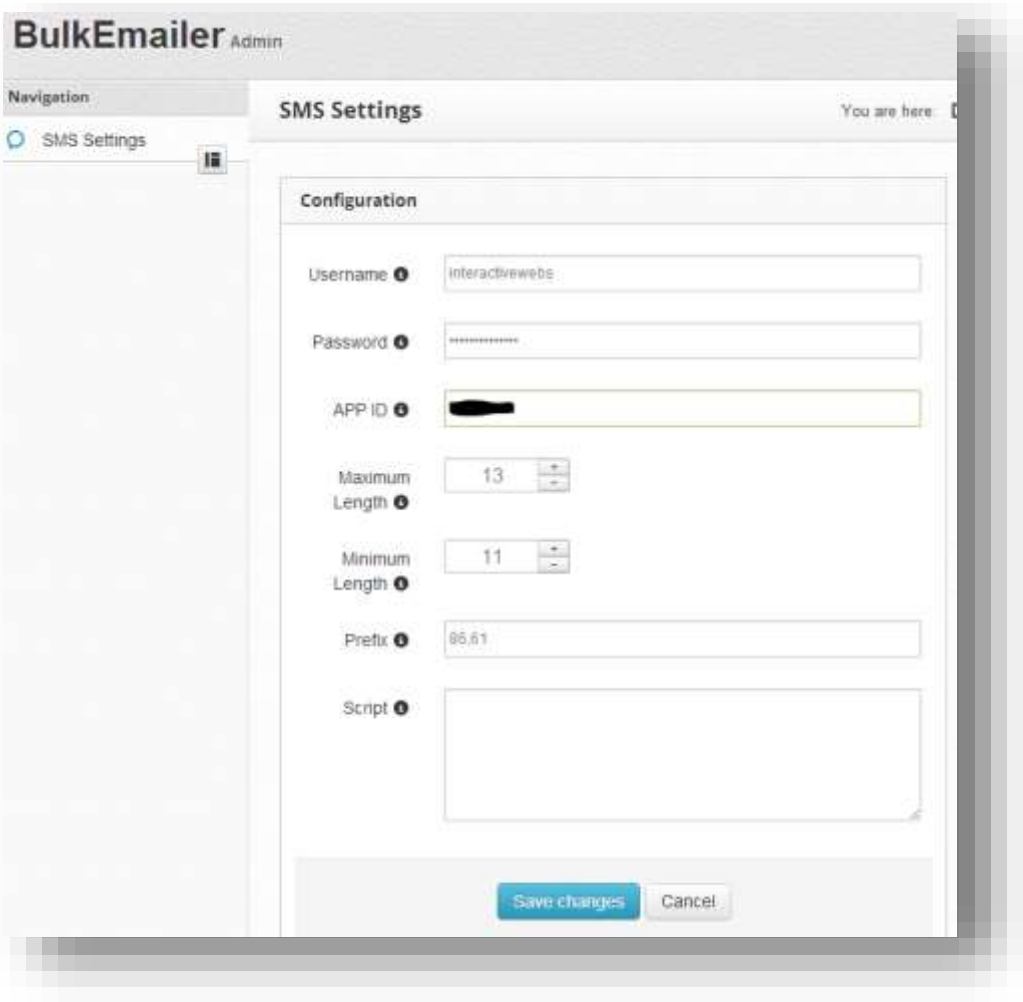
You will then be given some details looking like this:



You need to take note of the API ID from this data.

Configuring the SMS Settings

Take the API ID gained from the steps above, and enter them into the APP ID area in the SMS Settings, along with your Clickatell username and password.



Maximum Length

Because phone numbers are different in different countries and locations, you should work out the max number of characters for your phone numbers in the countries that you wish to send to. For example, in Australia, a mobile phone numbers looks like this: 0409 991 001. With a country code the number is 61 409 991 001 or a total of 11 characters. So for sending to Australian numbers the max length could be defined as 11.

This number is used to weed out invalid mobile numbers from your lists of phone data.

Minimum Length

Min length is also used to define the minimum numbers of digits a phone number must have to be considered valid. If for example in DotNetNuke, you had a user sign up with and enter their cell numbers as: 12345 – clearly this is not valid, and defining the minimum number of characters required to be considered valid helps ignore the 12345 data entries.

Prefix

Prefix is the dialling prefix for your country. A full list of prefixes can be found here: http://en.wikipedia.org/wiki/List_of_international_call_prefixes

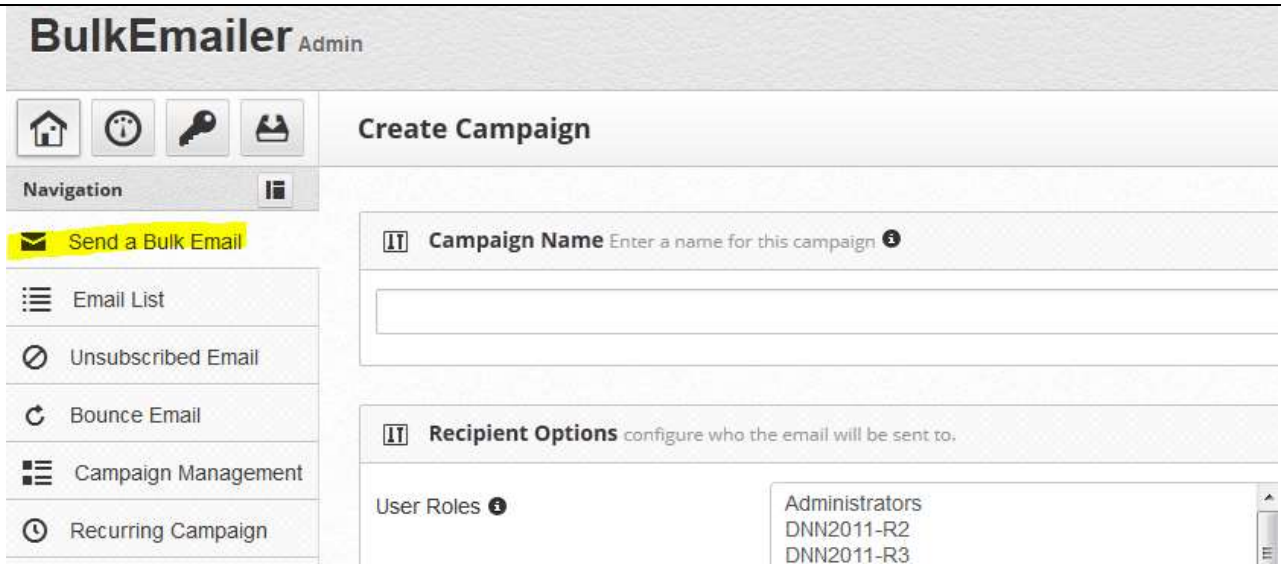
To enter a prefix for Australia 61 and China 86 for example you would type in: 86,61

Script

Scripts can be used to perform functions to phone numbers. This features is really intended to give rich features to people with some programming skills that may want to manipulate numbers before sending SMS messages.

InteractiveWebs

Send a Bulk Email



To reveal the standard form for sending a Bulk Email, known as a Campaign.

Each time you send a message, the message, email addresses and details are recorded in a database and tracked under a name. This is known as a campaign.

To send a Bulk Email you:

Enter a Campaign Name (optional) to allow for easy tracking in the campaign management. Usually we would suggest a name that is useful to identify what you were sending. E.g. “July Newsletter to Customers” would be great if you only send one email a month to customers.

Select Recipients.

User Role – A full list of DNN user roles is displayed. You can select one or a number of user roles to receive this email. If someone is in 2 roles, they will still only receive 1 email.

Email Lists – All the lists you create in the List Management area of the module are also displayed here. You can select one or a number of lists. If an email address is in multiple roles or lists, the user will still only receive 1 email.

Additional Recipients – enter additional email addresses that are separated by “;” eg, john@domain.com; fred@domain.com

Add from my address book. – Use the plug in tool to reveal the email addresses in your contact list within your email client program (e.g. outlook etc). This tool is a handy way to send to everyone you know. If an imported or additional email address is listed twice, or also in a list or role, the end user will only receive 1 email.

Exclude Options Click the + to reveal the Exclude options. These show the User Roles and Lists. The idea is that you can select the people who should NOT receive an email in this send. You can for example select “All User” in the Recipient Options, but exclude “Administrators”. The net result would be all users in your DNN portal, with the exception of Administrators will receive the email.

From Details

Enter an email address that the email should appear to be from. We recommend using a uniquely configured email address that will track Bounced emails. See the section above on Bounce Configuration. We have intentionally not allowed for a different send and reply path, because these days this will cause the majority of professional email servers to block your email as spam.

Subject

Give the email a subject just as you would any other email.

Messages

There are 4 methods of entering the content of your email.

HMTL / Basic

Selecting HTML Email and Basic in the text editor will reveal a simple text only email text box.

This can be handy if you are sending to mobile devices that absolutely do not have the ability to read html email messages.

HTML

Selecting HMTL Email and Rich Text Editor reveals the default HTML editor form your DNN portal. We use cute editor in the example below.

This method allows you to use any standard HTML message for sending to your client. You can be created and or use templates. Note that images sent in an HTML email must be images that are referenced from a valid and live URL on the internet. If you paste from your desktop etc without uploading the images to the internet, your readers will not be able to view your images as they do not have access to your desktop.

This is basic internet limitations, and has nothing to do with our module. If you do not understand this concept, we recommend you consult a professional webmaster.

Guide to CSS support in email clients

Designing an HTML email that renders consistently across the major email clients can be very time consuming. Support for even simple CSS varies considerably between clients, and even different versions of the same client.

We've put together this guide to save you the time and frustration of figuring it out for yourself. With 23 different email clients tested, we cover all the popular applications across desktop, web and mobile email.

As the number of email clients continues to grow, we've decided to simplify the web-based version of the guide to focus on the 10 most popular email clients on the market. For the complete report on all 24 email clients across the desktop, web and mobile email world.

InteractiveWebs

Style Element	Outlook 2000/03	Live Hotmail	Yahoo! Mail	Yahoo! Classic	Outlook 2007/10	Apple Mail	Apple iPhone	Google Gmail	Lotus Notes 6/7	Lotus Notes 8.5	AOL Desk 10
<style> in <head>	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔	✔
<style> in <body>	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔	✔
Link Element	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
<link> in <head>	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔	✔
<link> in <body>	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔	✔
Selectors	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
e	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔	✔
*	✔	✔	✔	✘	✘	✔	✔	✘	✘	✔	✔
e.className	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔	✔
e#id	✔	✘	✔	✔	✔	✔	✔	✘	✘	✔	✔

e:link	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔	✔
e:active, e:hover	✔	✔	✔	✔	✘	✔	✔	✘	✘	✔	✔
e:first-line	✔	✘	✘	✔	✘	✔	✔	✘	✘	✔	✔
e:first-letter	✔	✘	✘	✔	✘	✔	✔	✘	✘	✔	✔
e > f	✘	✘	✔	✔	✘	✔	✘	✘	✘	✘	✘
e:focus	✘	✘	✔	✔	✘	✔	✔	✘	✘	✘	✘
e+f	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
e[foo]	✘	✘	✔	✔	✘	✔	✔	✘	✘	✘	✘
Text & Fonts	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
direction	✔	✔	✔	✔	✘	✔	✔	✘	✘	✔	✔
font	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔
font-family	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
font-style	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
font-variant	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔
font-size	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
font-weight	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
letter-spacing	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔
line-height	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔

text-align	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
text-decoration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
text-indent	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓
text-overflow CSS3	ⓘ	ⓘ	✗	✗	✗	ⓘ	ⓘ	ⓘ	✗	ⓘ	ⓘ
text-shadow CSS3	✗	ⓘ	ⓘ	ⓘ	✗	✓	✓	ⓘ	✗	✗	✗
text-transform	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓
white-space	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
word-spacing	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓
word-wrap CSS3	ⓘ	✗	✓	✓	✗	✓	ⓘ	✗	✗	ⓘ	ⓘ
vertical-align	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓
Color & Background	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
color	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
background	✓	✗	✓	✓	ⓘ	✓	✓	ⓘ	✗	✗	✓
-moz-background CSS3	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
-webkit-background CSS3	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗	✗
background-color	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓
background-image	✓	✗	✓	✓	✗	✓	✓	✗	✗	✗	✓

InteractiveWebs Bulk Emailer

background-position	✔	✘	✔	✔	✘	✔	✔	✘	✘	✘	✔
background-repeat	✔	✘	✔	✔	✘	✔	✔	✘	✘	✘	✔
-khtml-background-size CSS3	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
-moz-background-size CSS3	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘
-o-background-size CSS3	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘
-webkit-background-size CSS3	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
HSL Colors CSS3	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔
HSLA Colors CSS3	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
Opacity CSS3	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
RGBA Colors CSS3	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
Box Model	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
border	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔
-moz-border-color CSS3	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘
-moz-border-image CSS3	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘
-moz-border-radius CSS3	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘
-webkit-border-radius CSS3	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	✘
-moz-box-shadow CSS3	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘

-moz-box-sizing CSS3	✗	✗	✓	✗	✗	✗	✗	✗	✗	✓	✓
height	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓
margin	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓
padding	✓	✓	✓	✓	ⓘ	✓	✓	✓	✗	✓	✓
width	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓
Positioning & Display	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
bottom	✓	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓
clear	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓
clip	✓	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓
cursor	✓	✓	✓	✓	✗	✓	✗	✗	✗	✓	✓
display	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓
float	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓
left	✓	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓
opacity	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓
outline CSS3	✗	✗	ⓘ	ⓘ	✗	✓	✓	ⓘ	✗	✗	✗
overflow	✓	✓	✓	✓	✗	✓	✗	✓	✗	✗	✓
position	✓	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓

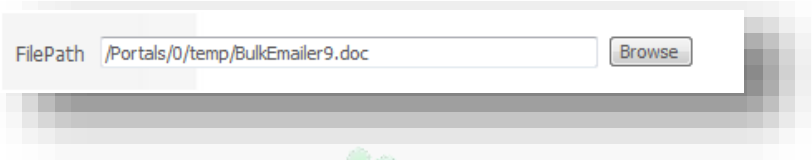
resize CSS3	✗	✓	✓	✓	✗	✓	✗	✗	✗	✓	✓
right	✓	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓
top	✓	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓
visibility	✓	✓	✓	✓	✗	✓	✓	✗	✗	✗	✓
z-index	✓	✗	✗	✗	✓	✓	✓	✗	✗	✓	✓
Lists	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
list-style-image	✓	✗	✓	✓	✗	✓	✓	✗	✗	✗	✓
list-style-position	✓	✓	✓	✓	✗	✓	✓	✓	✗	✗	✓
list-style-type	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓
Tables	**Outlook 2000/03**	**Live Hotmail**	**Yahoo! Mail**	**Yahoo! Classic**	**Outlook 2007/10**	**Apple Mail**	**Apple iPhone**	**Google Gmail**	**Lotus Notes 6/7**	**Lotus Notes 8.5**	**AOL Desk 10**
border-collapse	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
border-spacing	✗	✗	✓	✓	✗	✓	✓	✓	✗	✗	✗
caption-side	✗	✓	✗	✗	✗	✗	✗	✓	✗	✗	✗
empty-cells	✗	✓	✓	✓	✗	✓	✓	✓	✗	✗	✗

table-layout	✔	✔	✔	✔	✔	✔	✔	✔	✘	✔	✔
Total Market Share	**28%**	**16%**	**14%**	**9%**	**8%**	**7%**	**6%**		**1%**		**1%**

MS Word Email

Selecting this method reveals a browse button and large file up loader.

Use the file up loader to upload either a .doc or .docx word document to the website folder system. Then select the file that you upload. This will put the path into the file path area:



Sending .doc or .docx file

Note: Sending .doc or .docx or MHTML will not work with Amazon SES SMTP servers.
We have implemented some rather heavy duty document conversion technology that will take a .doc or .docx file and convert the email to an MHTML single html email format message. This format is excellent for novice users, or for including images from your desktop computer in an email message. There are many other advantages in this technology, and it is the same technology that is used in an MS office mail merge technology email send.

Wikipedia explains the technology here: http://en.wikipedia.org/wiki/MHTML

There are some limitations that are by design. They include:

No floating tables – MS word allows you to have tables that float and can be placed anywhere on a page. As there is no HTML equivalent, this is not allowable.

No floating images – see floating tables.

This is a list of features that are supported or not supported in the document conversion.

Limitations of Word to HMTL

Document Element	Attribute	Supported
Annotations		–
Autocaptions		–
Bookmark		+

Border	Color	+
Border	Distance from text	–
Border	Line style	*
Border	Line width	+
Document Properties		+
Drawing objects		*
Drawing objects	Textbox	+
Field	Automatic number of pages	+
Field	Automatic page number	+
Field	TOC, Reference to a page number.	+
Field		*
Footnotes and Endnotes		+
Form Field	Checkbox	+
Form Field	Drop down	+
Form Field	Text input	+
Header/Footer	Different first page	+
Header/Footer	Different odd/even	+
Header/Footer	Different per section	+
Header/Footer	Distance from page boundary	+
Header/Footer	Linked to previous section	+
Hyperlink	External URL	+
Hyperlink	Local	+
Image	Absolute positioning	+
Image	Borders	+
Image	Cropping	+
Image	Inline	+
Image	Scale	+
Image	Text wrapping around	–
Image	Metafile images	+
List	Standard bullets	+
List	Custom bullets	+
List	Image bullets	+
List	Label and text positions	+
List	Multi level	+
List	Numbered	+
List	Outline numbering	–
List	Restart numbering	+
Paragraph	Absolute positioning	+
Paragraph	Alignment	+
Paragraph	Borders	+
Paragraph	Custom tab alignment	+
Paragraph	Custom tab leaders	+
Paragraph	Custom tab positions	+
Paragraph	Default tab stop	+

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Paragraph	First line indent or handing	+
Paragraph	Keep together	+
Paragraph	Keep with next	+
Paragraph	Left and right indent	+
Paragraph	Line numbers	–
Paragraph	Line spacing	*
Paragraph	Page break before	+
Paragraph	Right-to-Left	–
Paragraph	Shading	*
Paragraph	Spacing before and after	*
Paragraph	Widow control	–
Revision marks		–
Section	Gutter	–
Section	Line numbers	–
Section	Margins	+
Section	Page border	*
Section	Page orientation	+
Section	Page size	+
Section	Paper bins (trays)	–
Section	Restart page numbering	+
Section	Start type	*
Section	Vertical alignment	–
Section Columns	Column break character	+
Section Columns	Individual column spacings	+
Section Columns	Individual column widths	+
Section Columns	Multiple columns	+
Shading	Background color	+
Shading	Foreground color	*
Shading	Texture	–
Styles		+
Table	Absolute positioning	+
Table	Alignment	+
Table	Cell margins	+
Table	Column widths	+
Table	Indent from left	+
Table	Preferred width	+
Table	Spacing between cells	–
Table	Text wrapping around table	–
Table Cell	Borders	+
Table Cell	Cell margins	+
Table Cell	Diagonal borders	–
Table Cell	Horizontal merge	+

InteractiveWebs

Table Cell	Shading	+
Table Cell	Text direction	+
Table Cell	Vertical alignment	+
Table Cell	Vertical merge	+
Table Row	Allow break across pages	+
Table Row	Height	*
Table Row	Repeat as header row	+
Text	All caps	+
Text	Automatic font color	+
Text	Bold	+
Text	Character spacing	+
Text	Color	+
Text	Emboss	*
Text	Engrave	*
Text	Font	+
Text	Hidden	+
Text	Highlighting	+
Text	Imprint	*
Text	Italic	+
Text	Kerning	–
Text	Line breaks	+
Text	Outline	+
Text	Page breaks	+
Text	Raised/Lowered	*
Text	Shading	+
Text	Small caps	+
Text	Special symbols	+
Text	Strike out	+
Text	Subscript/Superscript	+
Text	Underline	*
Text	Unicode, Western Languages	+
Text	Unicode, East European Languages	+
Text	Unicode, East Asian Languages	*
Text	Unicode, Right to Left Languages	–
Textbox	Absolute positioning	+
Textbox	Borders	+
Textbox	Shading	+
Textbox	Inline	*
Textbox	Text wrapping around	–
Textbox	Text direction	+

InteractiveWebs

The Easy Way to Tell

There is an easy way to tell how your document will convert to MHTML. While working in WORD. Save AS – and select “Single Page Web Page” or MHTML depending on what version of word

you are using. Then open that file that you just saved in your browser. This will show you exactly how the page should render. If you have used some features (like floating text boxes) you will see the result can look unexpected.

With a little practice you can get a great result that can be template in MS word.

Caution

While we aim for our module to convert documents as well as MS word can convert to MHMTL, we know that there are some limitations. .docx for example has many features that should not technically convert to MHTML, yet when converting form within MS word, the result is great.

For this reason we recommend always testing a new template conversion on our module to yourself, before sending something to the masses that ends up looking other than perfect.

MTHML sending ...A good solution

Note: Sending MHTML messages will not work with Amazon SES services as SMTP setups.
Because we know results can sometimes differ in a way that is difficult to identify, we have include the ability to send an MHTML message using an MHTML file created from MS word. So if you are happy with how your MS word file saves locally, but not so happy with the conversion done in our module. Just selct MHTML as the send type, and upload the MHTML message and send that.

SMS Message

To send an SMS message, you select SMS Message from the option type and we recommend strongly that you drop to the Basic Text Box editor:

Using the Basic Text Box ensures that you don't accidentally send HTML text to peoples phone.

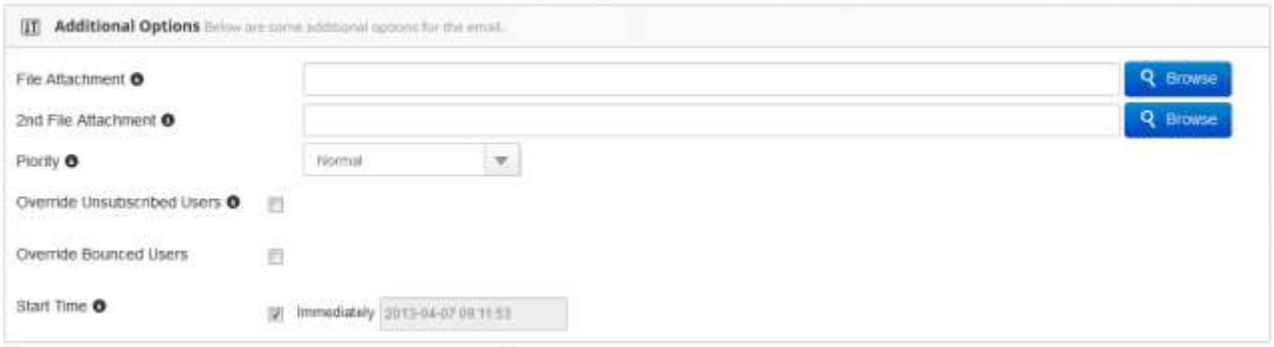
In this SMS mode, peoples Cell numbers. There are two ways to call number into play.

1. Sending to DotNetNuke users that have valid phone numbers saved in the Cell Phone number are used in the DNN profile data in the Call/Mobile profile item.
2. Using a custom list imported to the "Email List" section of the module. We suggest that you use the templates provided that includes Mobile/Cell fields.

The settings in the SMS Settings area of the module also need to be defined here.

Additional Options

Clicking on the additional options + reveals some options.



File Attachments can be added here.

Browse for, or upload any file attachments you require to be sent with the email.

Priority

Priority is configured here to set the priority tagging that the recipient will see on their email message when reading.

There is an Override Unsubscribed Users

This is an ability to send to people who have specifically requested that they be removed from your future email sends. Although they have unsubscribed, you can force them to be included. This is a feature that is intended to be used for emergency communications only. In some countries you may be breaking the law to send email to people who have requested to be removed from future sends.

InteractiveWebs

Override Bounced Users

Similar to Override Unsubscribed Users, this feature allows you to include email addresses that are in your list but would have otherwise been filtered as the addresses are recorded in your bounce email list with a count in excess of the “Bounce Count” (see the details above for an explanation of bounce messages). This feature is also intended for emergency communications, to ensure that everyone on your lists are at least sent a copy of the email from this campaign.

Start Time

Immediately is the default setting, but you can un-tick the option and set a start time in the format:

XXXX (year)/XX(month)/day(18) with a time code xx:xx:xx

When the date time is set, the campaign will sit waiting to be delivered until the date time is reached on the server time. The start time takes into account a few things here. In the portal / Admin / Advanced Settings / Security Settings – it assumes that you have set the correct time zone for your portal, and the your web server has the correct time set, and the correct region applied for the server side languages setting.

Send a copy to

Allows you to send an email to the email address of the account that is logged in and sending the email.

Send email count

Will generate an email that counts how many unique valid email addresses are in the campaign based on the list selections you have made for this campaign. It will take into account all selections, less Exclude, bounce and unsubscribed users.

Preview

You can send a preview to the account logged in for sending. Note that Tokens will not work in the Preview. Additionally you can modify the email address before you send a preview. You can also send multiple numbers of preview messages. This is a great way to test your work before you send.

Send and Cancel

Should you not understand these features it may be best if you do not use the module at all!

MHTML from HTML templates

Because some people have advanced HTML skills and have already created CSS templates and custom HTML messages, we have included a way to send these messages in an MTHML message.

Using your favourite html editor (Dreamweaver) you can create an html email message locally, saving to your local hard drive. When you are happy with the result, you open the webpage in IE7 and under “page” menu you select “save as” .mht. This mht file will then be ready to send via Bulk Emailer.

InteractiveWebs

Allowable File Types

If you receive a message that looks similar to this:

The File C:\Inetpub\XXXXXXX\httpdocs\Portals\0\filename.mht Is A Restricted File Type. Valid File Types Include (*. swf, *.jpg, *.jpeg, *.jpe, *.gif, *.bmp, *.png, *.doc, *.docx, *.xls, *.xlsx, *.ppt, *.pptx, *.pdf, *.txt, *.xml, *.xsl, *.xsd, *.css, *.zip, *.template, *.csv, *.htmtemplate). Please Contact Your Hosting Provider If You Need To Upload A File Type Which Is Not Supported.

You will need to allow the MHT or MHTL file types as allowable extensions in the HOST / HOST SETTINGS / OTHER. Area of your website. Add ",mht,mhtml" (without the "") into the Allowable File Extensions area, and click update.

Tokens

Note: The token system does not work in the preview email. If you need to test, we suggest doing a send to the admin role or similar.

Email messages can contain tokens. A token is a set of formatted text that will be replaced in the email messages when it is sent. The ideas of tokens are to personalize an email message.

The simple example of a token is the “Dear John”

Using a first name token [FirstName:website user]

The application looks at the data on file in either registered users or custom lists, and replaces the “First Name” with the First name of the user. If no first name is on file, the “website user” will be placed into the email.

The format used is:

[- opens the token

] – closes the token

Text before : - Profile search by name of profile.

Text after : - replacement text used for profile data that is blank.

e.g.

2 profiles below explain.

1.

- First Name: John
- Height: 187

2.

- First Name: Fred
- Height :

Using an email message:

Dear [FirstName:website user],

We have your height recorded as... [Height:no height on record].

Would return 2 different results:

1. Dear John,

We have your height recorded as... 187.

2. Dear Fred,
   We have your height recorded as... no height on record.

As you create new custom profile items in your DNN website, these will become available for use as token in your email messages.

The standard profile tokens available include:

- **UseName: [username: username]**
- **First Name: [FirstName:your first name]**
- **Last Name: [LastName:your last name]**
- **Email: [Email:your email]**
- **Country: [Country:your country]**
- **Region: [Region:your region]**
- **City: [City:your city]**
- **Street: [Street:your street]**
- **Unit: [Unit:your unit]**
- **Postal Code: [PostalCode: your postal code]**
- **Telephone: [Telephone:your telephone]**
- **Cell/Mobile: [Cell: your cell]**
- **Fax: [Fax:your fax]**
- **Website: [Website:your website]**
- **IM: [IM:your im]**
- **RSS Configured Token [rss:name] (where name is the name of the configured rss feed)**

InteractiveWebs

Unsubscribe Token

The unsubscribe token is an additional “non-profile data” token. When used in an email, it allows you to include a single link that recipients of your email can click on to unsubscribe from your future email messages. The token will create a **custom URL** that includes tracking information about the email address that particular email was sent to. **Note: It is not valid to include a URL directly to the unsubscribe page. This will not work and will cause the incorrect e-mail address to be unsubscribed from newsletters.**

The token looks like this:

- [unsubscribe-here]

With [unsubscribe-url] being the format. Any words after the – in the unsubscribe token will be highlighted as a hyperlink. This allows you to use it with any language you like. Where the word “here” could be any language equivalent implying that you click on that link.

An example of the use of this may be:

- To unsubscribe click [unsubscribe-here]. (Do not copy and paste from this manual, as the conversion to .pdf replaces the - with something else. The dash is actually the **minus -** key)

Result

- To unsubscribe click here.

When the user clicks the here, they will be driven back to the bulk emailer module unsubscribe page. This page does not require any setup, and looks like this.

Unsubscribe Token Colour

The colour of the URL displayed for the unsubscribe token can be set to a colour of your choice. This is important because the token is not controlled the normal way you would control the colour of a hyperlinked URL in your email content. The colour (standard hyperlink blue) may look invisible or difficult to see when viewing with a black (or other similar colour) background.

To set the colour use "|color~#FF0000" format after the URL hyperlink words, as an example.

- [unsubscribe-Please unsubscribe here|color~#FF0000]

Unsubscribe Image

It is also possible to use an image in place of the URL for unsubscribe. This allows for an image to be used like an unsubscribe button. Etc.

The use of the image token is [unsubscribe_img-imageurl]

To use an image like this:

The exact example above was:

- [unsubscribe_http://www.westcountyfilmsociety.org/images/button-unsubscribe.png]

View Online Token Use

The view online token creates an URL from within the email message that will take the user to the website and display the email message as a rendered HTML email message. This token is intended to improve the experience for viewers of the email message that are having trouble reading the message in their email client. Typically you would use the token.

- If you are having trouble reading this message then click [viewonline-here]

This would generate the "here" as the URL enabled text.

Defining the Colour

The colour of the hyperlink for the token can be defined with the following example:

- [unsubscribe-Please unsubscribe here|color~#FF0000]

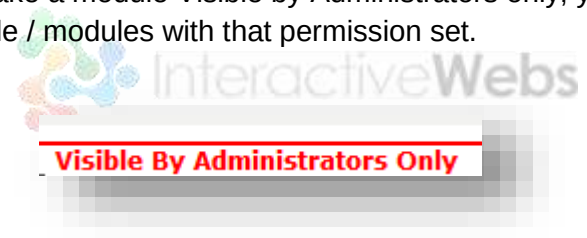
Simply adding the color hex value in the token as used in the example above. For information on what a Hex color is, see: http://en.wikipedia.org/wiki/Web_colors

View Online Token

- [viewonline-text] – Where the text can be any text you like.

Avoiding the Visible By Administrators Only Message

With DotNetNuke, if you make a module Visible by Administrators only, you get a nice little boxed message around the module / modules with that permission set.



This boxed message will show to users who click an unsubscribe link if you do not remove it.

This is a DNN issue and there are two ways to fix it.

1. You can use a Role that is other than the Admin role. For example, setup a user role called Bulk Emailer, and set the page viability to that role. This will cause the "Visible by Administrators Only" box to be removed.

2. Also you can turn this boxed admin only view off. If you go to the page with the Bulk Emailer module on it, and go into the Settings for the module container that the Bulk Emailer sits in. Then go to Advanced Settings + and tick the option to "Hide Admin Boarder" only message. This too will fix the issue you describe.

Note: This hide admin boarder is not an option in early DNN versions.

MHT and MHTML Emails – View Online

Due to the proprietary nature of MHT and MHTML (emails generated from word). These can only be viewed online by Internet Explorer. For this reason we suggest that you avoid the use of the token when sending MS Word generated email messages.

InteractiveWebs

Text/HTML tokens

We have taken the token replacement scheme of the DNN Text/HTML module and included it in the DNN module. Now you can use the following schemes in your email messages in the same way you would use them in the Text/HTML module.

Token	Example	Token Description
[Portal:Currency]	USD	Displays the portal currency type as set on the Site Settings page.
[Portal:Description]		Displays the portal description as set on the Site Settings page.
[Portal:Email]	admin@domain.com	Displays the email address of the primary Administrator as set on the Site Settings page.
[Portal:FooterText]	Copyright 2007 by My Website	Displays the copyright text entered in the Copyright field on the Site Settings page.
[Portal:HomeDirectory]	/Portals/0/	Portal (relative) Path of Home Directory.
[Portal:LogoFile]	logo.gif	Portal Path to Logo file. E.g. logo.gif
[Portal:PortalName]	My Website	The portal description as set on the Site Settings page.
[Portal:TimeZoneOffset]	-480	Difference in minutes between Portal default time and UTC.
User Tokens		
[User:DisplayName]	LYoung	The display name of the user.
[User:Email]	lorraine.young@dnnangel.com	The email address of the user.
[User:FirstName]	Lorraine	The first name of the user.
[User:FullName]	Lorraine Young	The last name of the user. Note: This is a deprecated token which is no longer used. Replace with First Name and Last Name tokens for future compatibility.
[User:LastName]	Young	The last name of the user.
[User:Username]	dnnangel	The username of the user.
Membership Tokens		
[Membership:Approved]	Yes / No	Indicates if the user is approved.
[Membership:CreatedDate]	10/4/2007 1:08 PM	Displays the date and time when the user registered on the site.
[Membership:IsOnline]	Yes / No	Indicates if the user is currently online
Page (Tab) Tokens		
[Tab:Description]	Welcome to My Website	Displays the description of the current page.
[Tab:FullUrl]	http://www.domain.com/Services/tabid/73/Default.aspx	Displays the full URL of the current page.
[Tab:IconFile]	icon.gif	Page relative path to icon file
[Tab:KeyWords]	health, wellbeing, yoga, yoga classes,	Displays the keywords for the current page.
[Tab:TabName]	Home	Page name
[Tab:TabPath]		Page relative path
[Tab:URL]		Page URL

Date Tokens		
[DateTime:Now]	10/17/2007 9:08 AM	Current date and time.
[DateTime:Now|]	&lP;7or2aP&A.D .P;	For date/time and numeric values, you can also append a string defined by the .NET framework, for example: Current date/time formatted according to , e.g. [DateTime:Now|f} displays current date in short format (does not apply to expressions of calculated columns)
Tick Tokens		
[Ticks:Now]	633282985407609550	CPU tick count for current second
[Ticks:Today]	633282624000000000	CPU tick count since midnight
[Ticks:TicksPerDay]	864000000000	CPU ticks per day (for calculations)

Password Token

The password token is: [password] and can be used to retrieve a DotNetNuke users password. This allows you to send password reminders to users who users of your website from the Bulk Emailer.

If two users exist with the same email address in your DotNetNuke database, the first one only will be retrieved.

If you are using the list function to send email messages to a select group of email addresses, the password token will still work, by matching the email addresses from your custom list against DNN users that have the same email address. Where a DNN user does not exist, the password retrieval process will fail and default to ****.

Token Limitations

Tokens are mostly handled well. However we have found on some MS word documents, particularly with the .docx and Word2007. The documents with a lot of formatting in the text can get confused with the tokens. This is because the HTML formatting text wraps around the token to hide it from our module.

To solve this problem, we suggest not formatting the text that is used in the tokens. This includes **bold** underline etc.

.doc gives better performance in token conversion than does .docx If you have troubles, please save as .doc.

We also found this can be a problem with token text following a formatted heading etc. So again, avoid using tokens after a head etc.

Other more obvious limitations

Tokens reference profile data or in the case of custom lists, First Name, Last Name, Display Name. So if you are using custom lists or imported contacts, expect the profile data to be missing from those users.

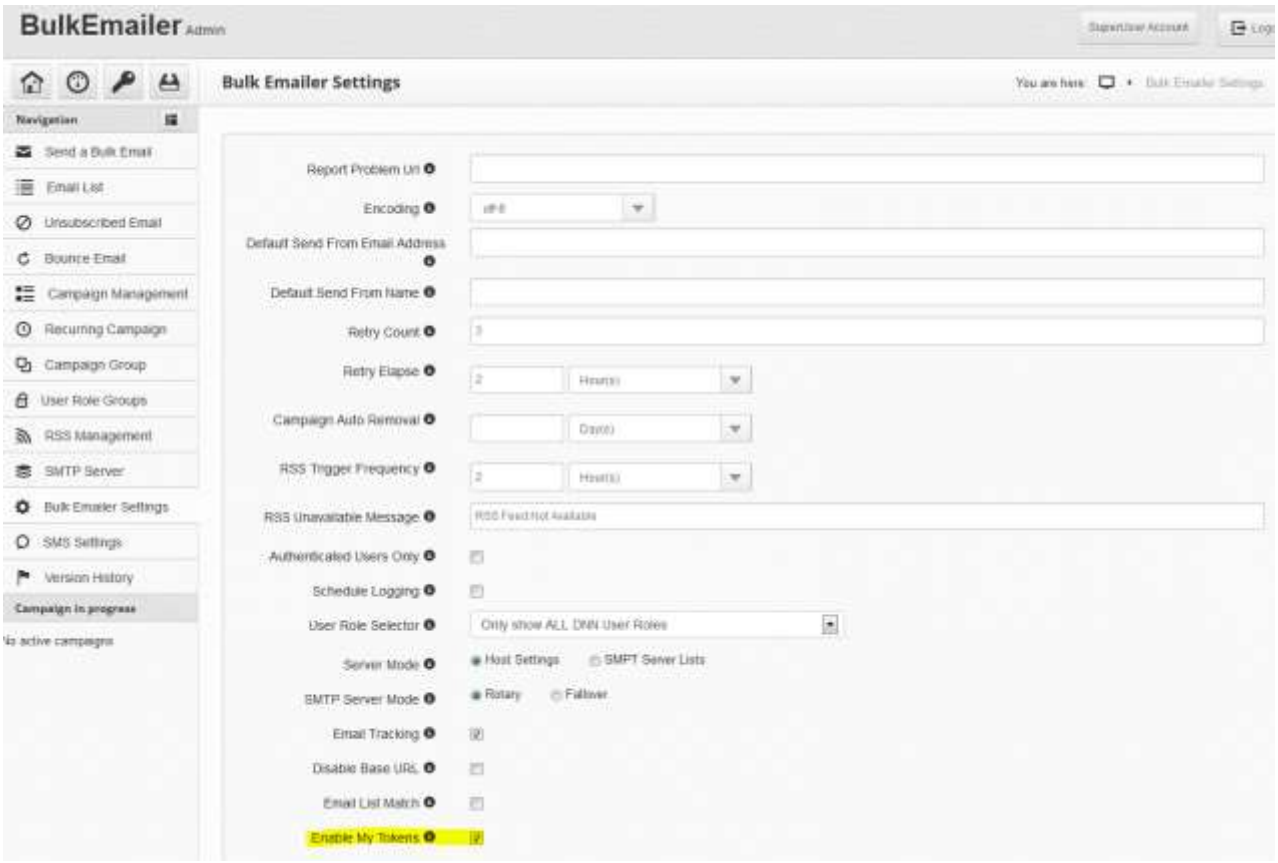
InteractiveWebs

Third Party Tokens – My Tokens (dnnsharp.com)

We have added support for the Third Party token system called “My Token” by dnnsharp.com.

Details of the system can be found here: http://www.dnnsharp.com/dotnetnuke/modules/token-replacement/my-tokens.aspx

Essentially you need to install their module (a demo is available) then tick the option in our module settings.



After enabling this option (and with the My Tokens module installed) you are free to use tokens in both HTML and Word messages in a manner that conforms to My Tokens module use.

Note that nested tokens can be used in a format like this:
[CEmail:CJobs1.job1title(useremail=[email])]

Special Tokens – NVELOCITY

We have integrated some special tokens that uses a system known as NVELOCITY. The additional tokens that can be used are referenced to the NVELOCITY source forge project found here: http://nvelocity.sourceforge.net/

The tokens are more complex and represent more of a programming method of token use. For this reason we don't expect these to be useful to everyone. However if it is something you are familiar with then they are available to be used.

The tokens supported are:

- ${email} email recepient
- ${campaign.Subject} Subject
- ${campaign.Administrator} Sender Email
- ${campaign.CreatedDate} Campaign Creation Date
- ${campaign.LastAccessed} Campaign Last Acccess Date
- ${campaign.CampaignName} Campaign name
- ${campaign.CurrentEmailsSent} Number of emails sent
- ${Portal.PortalName} Portal Name
- ${Portal.Email} Admin email
- ${Portal.Description} Portal Description
- ${Portal.KeyWords} KeyWords

//if the email matches a DNN user then the following token are valid

- ${user.DisplayName}
- ${user.Email}
- ${user.FirstName}
- ${user.LastName}
- ${user.Username}

//if the email matches an email in email list then the following token are valid

- ${emailinfo.UserName}
  ${emailinfo.Email}
  ${emailinfo.FirstName}
  ${emailinfo.LastName}

We expect that the MS word and MHTML send methods will have some troubles with some of these tokens. We suggest only using it with HTML email messages.

Delivery Speed

Email messages are processed 50 messages at a time according to the scheduler process that is configured for the module on install.

To access the scheduler:

1. Login as HOST
2. On the menu, select Scheduler
3. Locate: iwebs.Modules.BulkEmailer.EmailSchedule, App_SubCode_BulkEmailerSchedule
4. Click the pencil to edit the default settings.

Time Laps = the amount of time between the module sending its next block of 50 email messages.

Retry Frequency = Time between unsuccessful send attempts.

We suggest that you leave the default settings in place, unless you are sending to more than 25,000 email addresses. After that amount, you may want to reduce the time for “Laps time”. However this is optional and dependant on your server and internet connection limitations.

We suggest not reducing below 5 seconds if you are sending MHMTL messages.

Bulk Emailer Opt-In Module

Install the Opt-In Module like you would any other. Please see the section toward the start of this manual to explain how to install the module.

Placing the Opt-In module on a page.

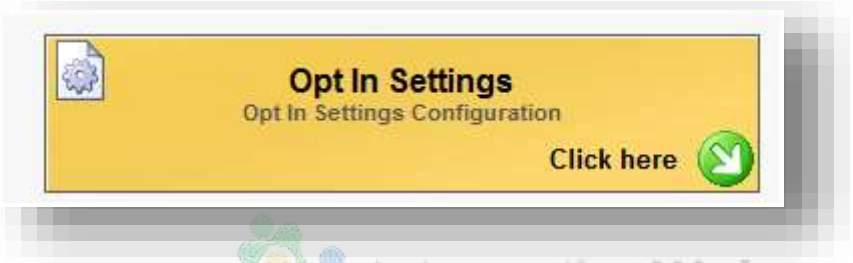
Once installed, add the module to a page of your DNN site as you would any other module.

Mandatory Configuring the Opt-In module.

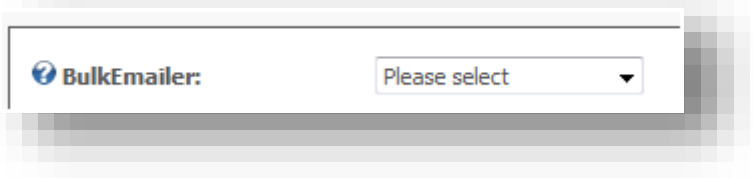
You will need to install and configure the Bulk Emailer module before configuring the Opt-In Module. Please do this if you have not already done so.

There is one configuration that needs to be completed before any others.

1. From the Configuration menu of the Opt-In module, select Opt In Settings

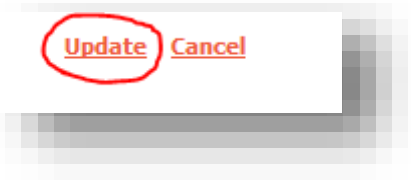


2. Select the page that the instance of the Bulk Emailer that you want to pair this instance of the Opt-In module with.



The selection is named the same as the page that you have setup the Bulk Emailer on.

3. Select update to make this selection save.



Now the Opt-In module is ready to be used.

Principle of Operation

The idea of the Opt-In module is to allow you to create custom Opt-In Lists, that are married to Custom Lists in the Bulk Emailer module. So for example you can have a Custom List that you

create in the Bulk Emaielr module called “List 1” and you can allow people to join that list by creating an Opt-In List that you may call something completely different e.g. “Our News Letter”.

This then allows you to ask people to join your News Letter by providing a minimum of details (namely their email address) to Opt-In to that list.

Naturally once you have people joining lists, you can use that list in the Bulk Emailer to send Campaigns to the members of that list, or for that matter you can use the list to specifically Not Send to people on that list, making it function as an OptOut list.

Understanding the Options

We do include help items against our module, so if you would rather not use this manual, you can read the help items.

BulkEmailer:

Select the instance of the Bulk Emailer that you wish to associate with this instance of the Opt-In Module. The list will show all the pages that have the Bulk Emailer installed on them, each instance can be managed separately.

Required Fields to Opt-In:

Select the fields that a user must fill in when subscribing to lists. These fields can then be used in e-mail messages with tokens.

Require Email Validation:

Tick this box to require people subscribing to e-mail lists to validate their e-mail address. If ticked, the end user will receive an email defined in the "Email Template" that will require them to click on a link to validate that they received the validation e-mail.

Show Descriptions:

If ticked, this will list the Details as defined in the "Description Field" after the defined list.eg.The List Name – Description

Display Lists:

Select if multiple defined lists are shown vertically - One under each other, or Horizontally across the page.

Hide Help icons:

Selecting this option will hide the help icons for the end user interface. This is recommended as most people know what to enter for Firs Name, Last Name etc.

Hide the "List Your Subscriptions":

Selecting this option will hide the help icons for the end user interface. This is recommended as most people know what to enter for Firs Name, Last Name etc.

Button Text or Image:
Specify the text/image for the send/reset button.

Title Position:
Select how you would like the end user titles of the entry fields to display.

Create DNN Account:
Ticking this option will create a DNN account for person subscribing to the lists. If the First and Last Name are not required fields, the module will create details for the user name from the email address used. Selecting Silent will create the account without sending the standard DNN new account email to the user. Announced will send the standard DNN site email for new user.

Email Priority
This feature allows you to set the priority that is assigned to email notifications from this module. This changes how a recipient will see the email priority when they receive the email in their in-box. High priority for example typically see a "!" next to messages marked "High Priority"

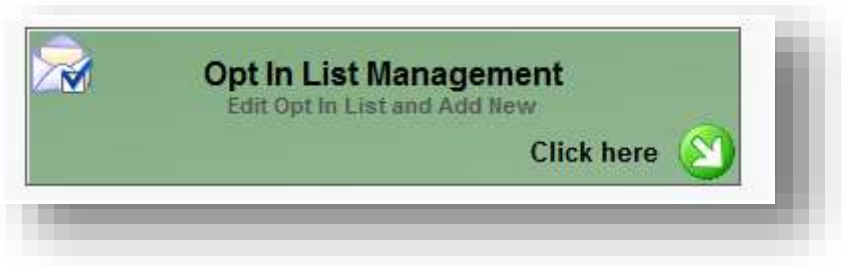
Subscribe Text:
Enter the text you would like to use to encourage users to Opt-In to your lists.

Email Template:
This is the text that is sent in an e-mail to people who request subscription to defined e-mail lists. Tokens are: [FirstName], [LastName] , [SubscribeUrl], [DisplayName]

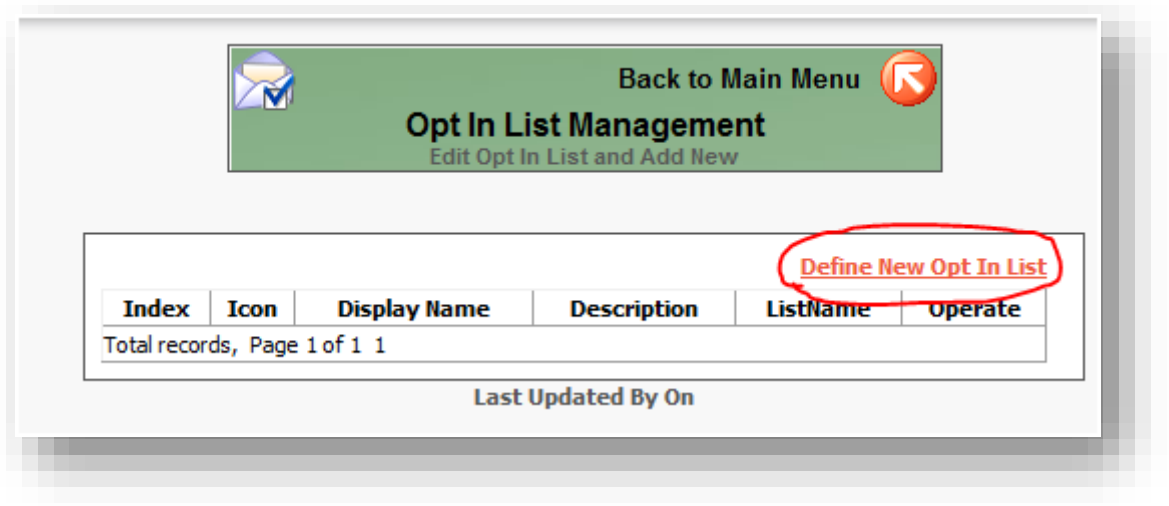
Email Template for List Your Subscriptions:
This is the template for the e-mail message that is sent to people requesting details of the lists that they are subscribed to. When they request this, they are sent a url to browse that shows their subscriptions.

Opt-In Preamble text:
This is the text that is displayed in the initial part of the Opt-In Module. You can use rich HTML here to introduce the lists that you are defining in the module.

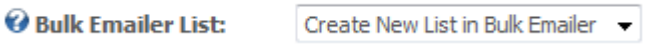
Creating an Opt-In List



Click on the Define New Opt In List



Either Create a New Bulk Email list by selecting:



Or if you have already created some custom lists in Bulk Emailer, you can use one of those by selecting it by name in this list definition:

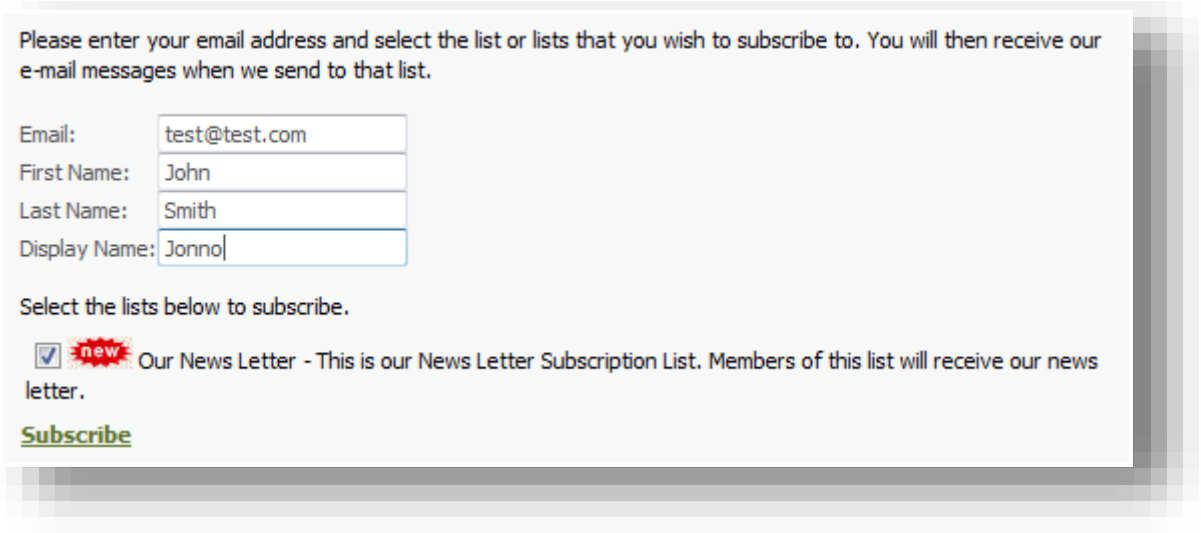
The example here is test 2 that we previously created in the Bulk Emailer Module

Opt-In Display Name:
You are defining the display name of the Opt-In List. Here you can call you OpIn Display Name something like "Newsletter" even though it may be associate with a custom list in Bulk Emailer called "List 1" for example.

Description:
List the description for this Opt-In List. The descriptions are only shown if the option for "Show Description" is ticked in the settings area.

Icon:
Please select an icon for use with this Opt-In list. The icon is displayed next to the list name and can be use to help graphically display the distinction between different defined Opt-In lists for your users.

You can define as many lists as you like, and allow people to see the lists that they are subscribed to.



Opt-In API

The Opt-In module has an API that allows you to send correctly formatted URL requests, to opt users into the lists managed by the Opt-In module.

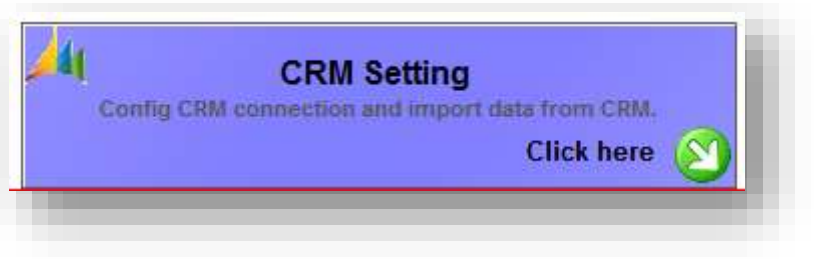
The API contains the following URL

http://$SERVER/DesktopModules/BulkEmailOptIn/OptinSvc.ashx?moduleid=$ModuleId&portalid=$PortalId&email=$email&groupnames=$groupnames&firstname=$firstname&lastname=$lastname&displayname=$displayname

- $ModuleId: module Id of the instance
- $PortalId: Portal Id
- $email: email to subscribe
- $groupnames: list of Email Group names separated by comma
- $firstname: firstname of the optin user
- $lastname: last nameof the optin user
- $displayname: displan nameof the optin user

Note: This features is intended for use programmatically.

Microsoft CRM Integration



One of the advanced features of this modules is that we can integrate it with Microsoft CRM 4.0 deployments. Allowing the module to make available CRM marketing lists to the DNN websites and run campaigns created in CRM via this bulk sending tool.

This has several clear advantages over the Microsoft Office send method that is native to CRM, namely the addition of all the tracking and conditional campaign management that are native to Bulk Emailer.

If you would like to know more about an Interactivewebs.com.au Hosted CRM / DotNetNuke integration, please email sales@interactivewebs.com.au

Trouble Shooting

Email not sending

This is almost exclusively an SMTP configuration error, or that you have selected and SMTP server to be configured that has restrictions by the server admin. Eg, a Gmail server will only allow around 400 messages a day to be sent.

We suggest that you first be absolutely sure about STMP settings before contacting InteractiveWebs for support.

Site Crashes after loading the module

In all cases that we have seen a site die after installing this module it is due to the wrong version of the module being installed. 64 bit VS 32 bit.

The solution is very easy. On the server, navigate to the /bin folder and delete: **ChilkatDotNet2.dll** from the directory. When the site comes good, you will need to install the other version of the module to what you originally installed.

Unsubscribe link not working

There are two common problems with this.

1. You have moved subdomains from a dev site to a live site. – Solution is to update your new subdomain in the Bulk Emailer Settings menu.
2. You have copied and pasted the token [unsubscribe-here] into your email, and have picked up on rich text or html text in doing this. Remember that we recommend that you type in your token tags to ensure they are not wrapped up in html mess.

Solutions to Problems

Trouble with Gmail Accounts in STMP

Gmail required the following settings:

- Server = SMTP.gmail.com
- Port: 465
- SSL Enabled
- User Name: your Gmail email address
- Pass: your Gmail email pass
- Maximum message = 400 (Google limit on messages per day)

Timeout While Uploading the Module

A timeout while installing the module to your DNN website indicates that the speed you are uploading to your website is too slow, and the server timeout limit has been reached. The best solution for this is to either use a faster connection to the internet, or upload the module to a location on your web server, then use a remote desktop connection to your website to then browse to the website and load the module from that session, ie loading the module from a local session directly to the same server.

Unverifiable code failed policy check. (Exception from HRESULT: 0x80131402)

This indicates that your IIS hosting configuration is running in Medium Trust mode, but will require Full Trust to be set. The short term solution to get a dead site working with this error is to delete the file called: ChilKatDotNet2.dll from the /bin folder. However to use our module, this file is required. So have you IIS setup with Full Trust and place the ChilKatDotNet2.dll back in the /bin folder to have the module working correctly.

The reasons behind this are because this file (not created by us) was made in a programming language C++. Running on a DNN site will require Full Trust.

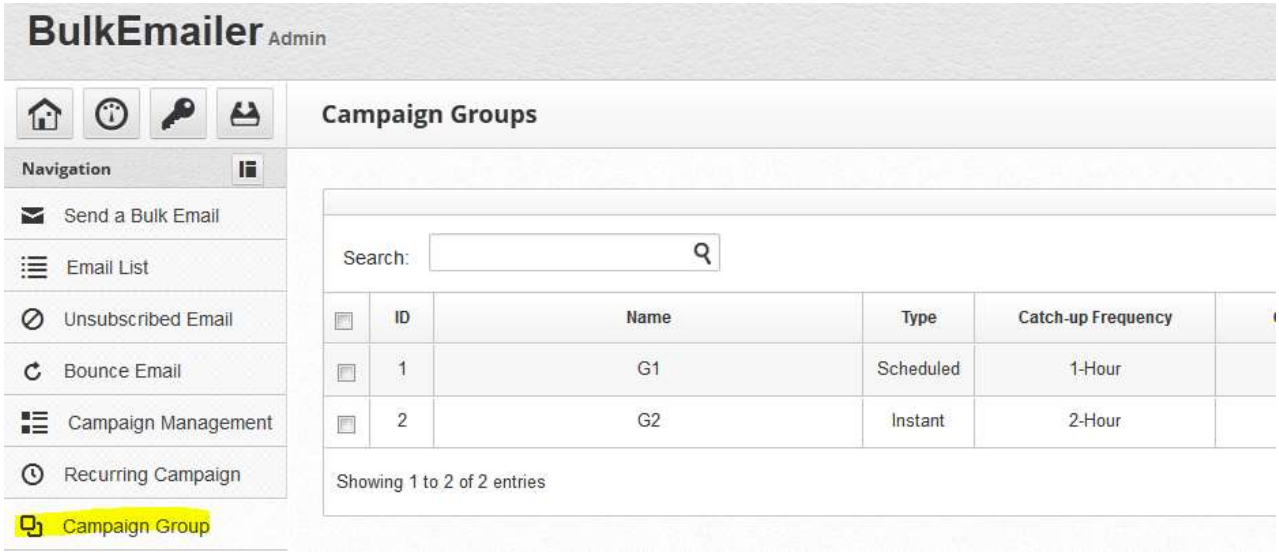
You want to send a specific e-mail once someone subscribes.

There are two elements to solving this problem:

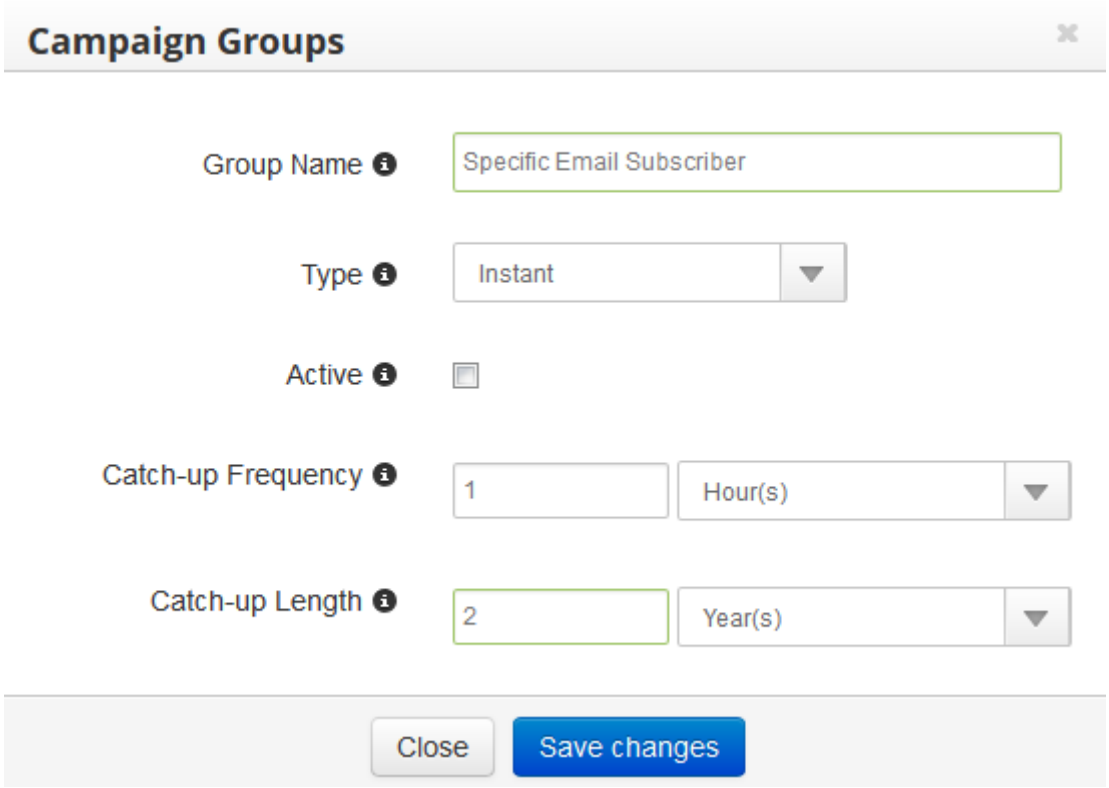
1. you need to be able to define an e-mail message that will go to somebody once they join either a security role or a list.
2. You need to define a way to add somebody to a particular security role or list.

Using bulk Emailer it is possible to define an e-mail message that relates to a particular security role all list. You can define a catch-up period that is extensive, and will send a message to people after they are added to the related security role or list. To do this:

1. Go to campaign group management:

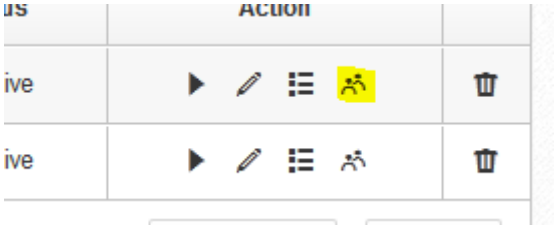


2. Define the following settings for a new campaign group:

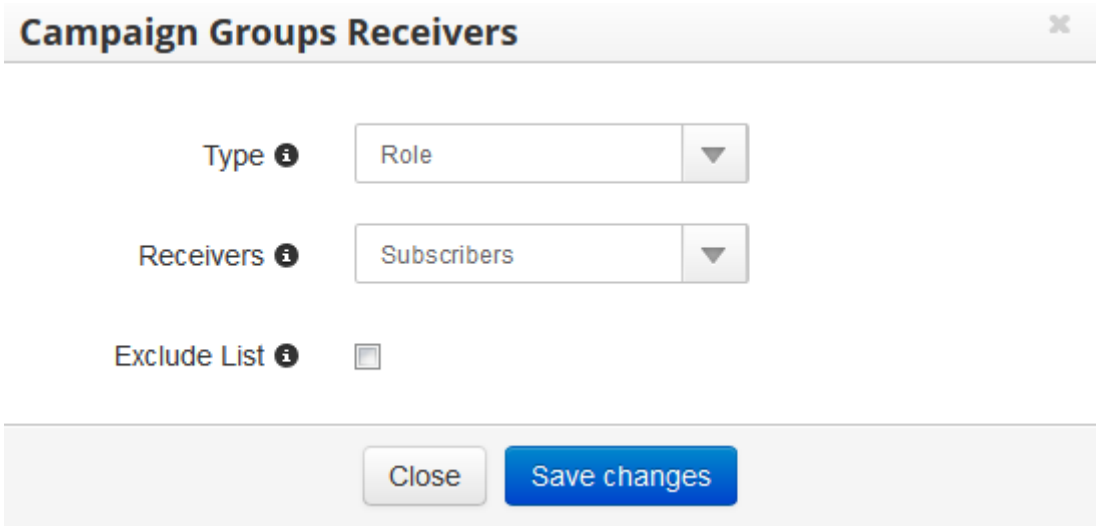


this is specifying a name for the group, the type as instant means that the message should be sent straight away. Setting it is active ensures that the group will run. Catch-up frequency is irrelevant unless you have multiple messages that you wish to send. Catch-up length is the period of time that you can add somebody to this particular list or group and still haven't received the message. As an example only I have set two years.

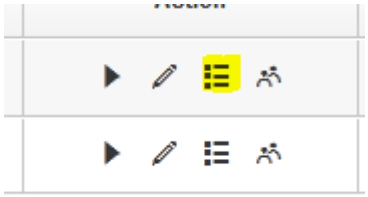
3. From thing now created list of campaign groups click on the receivers in relation to the group you just created.



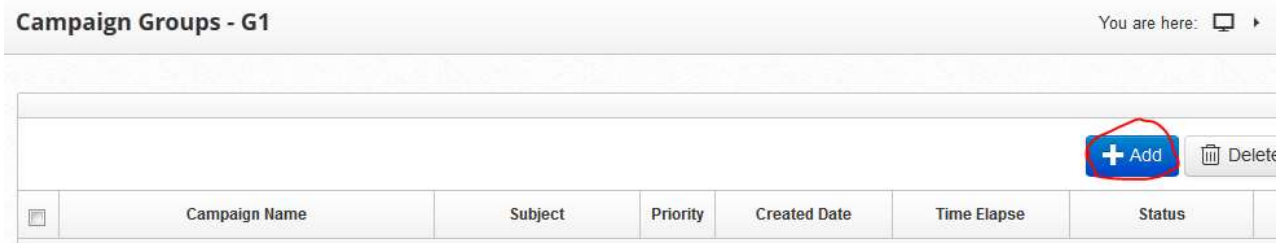
4. Click on Add to add a new receiver. Then define the receiver has either a group or Email list. What you are doing in this step is saying to the bulk Email system anybody who is added to this list or security role that I am defining in this step should be sent the e-mail messages in the campaign group that I have just defined.



5. Next you need to you to find the campaign that will be sent to the receivers.

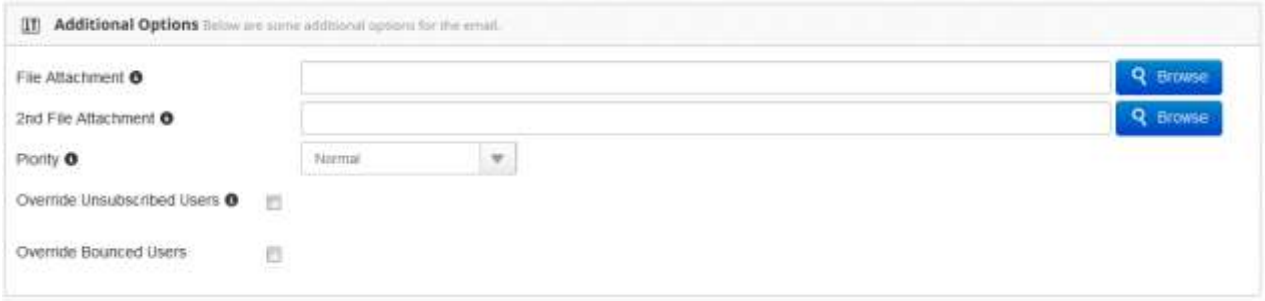


Click campaigns from the campaign group management menu.
then click add new:



Then define a new campaign as you would any other e-mail message to be sent. Remembering that if you wish to send an e-mail attachment with the message four

example a specific document or file you can define this in the additional options area:



That is essentially all you need to do. Now as you add members to your subscriber role they will be sent an e-mail message as defined in the steps above.

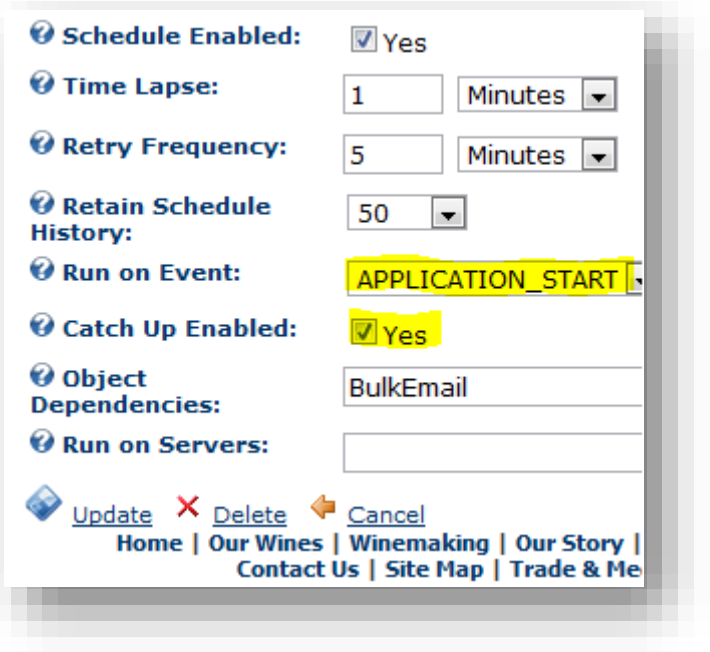
To solve the problem of how to add people to a particular security role as they are subscribed to your site, we have produced a module called the subscriptions module. http://www.interactivewebs.com/subscriptionsmodule

This module will allow you to specify particular security roles that the user can sign up to or subscribe to from your website.
Additionally the bulk Emailer opt in module allows you to define an e-mail list. This list can be used in the above procedure in place of the security role. Then as somebody opts in to the particular e-mail list defined in the opt in module they in turn will be sent the e-mail defined in the campaign group. Remember though that in step four above you would define an e-mail list in place of a security role.

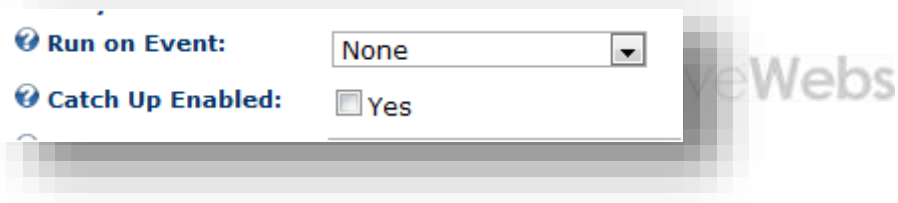
Sending Slow / Site Crash

We have seen one instance when the setting in the Scheduler process killed a send and DNN website from responding. Only an IIS reset would allow the recovery of the site.

When checking the Scheduler process (controlled by DNN) we found the client had set:



These two highlighted options should always be set to:



Without going into a lot of details, the incorrect settings will cause two worker processes to run in IIS. By default, IIS is normally configured to allow one to run. This would be causing IIS to get all bogged down and timeout.

We also recommend a time lapse of 5 minutes. This is the DNN default, and is usually fast enough for “normal email sends”.

Problems on Early Version of DNN 5x

This reference is remaining for earlier versions of this module. Currently we are supporting DNN 6.2x or later, but on request we can provide versions that work with earlier DNN versions.

We discovered a problem with DNN 05.00.01 and believe the problem is likely to be there in all the very early versions of DNN 5x. The issue relates to DNN not handling memory correctly. After a period of the Bulk Emailer running, IIS will reset on the DNN website. This should not be a big issue, but we have found is that the when the crash happens, the server will report with incorrect time dates to the Bulk Emailer module. This causes the send process to delay for a day, and in some cases to stop all together.

We looked at implementing a solution by reading data times stamps from the database server and not the IIS server, but after some careful consideration about possible implications…. We decided that we should not try to compensate for the Beta releases of DNN 5x with known memory problems, and instead say that the fix is to upgrade to a more recent DNN release.

Timeout installing the module

The module upload is relatively large. It is recommended that the module is uploaded using a high speed connection to your website. If your connection speed is too slow, you may receive this error:

> An error has occurred.
> DotNetNuke.Services.Exceptions.PageLoadException: Maximum request length exceeded. ---> System.Web.HttpException: Maximum request length exceeded. at System.Web.HttpRequest.GetEntireRawContent() at System.Web.HttpRequest.GetMultipartContent() at System.Web.HttpRequest.FillInFormCollection() at System.Web.HttpRequest.get_Form() at System.Web.HttpRequest.get_HasForm() at System.Web.UI.Page.GetCollectionBasedOnMethod(Boolean dontReturnNull) at System.Web.UI.Page.DeterminePostBackMode() at System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) --- End of inner exception stack trace ---

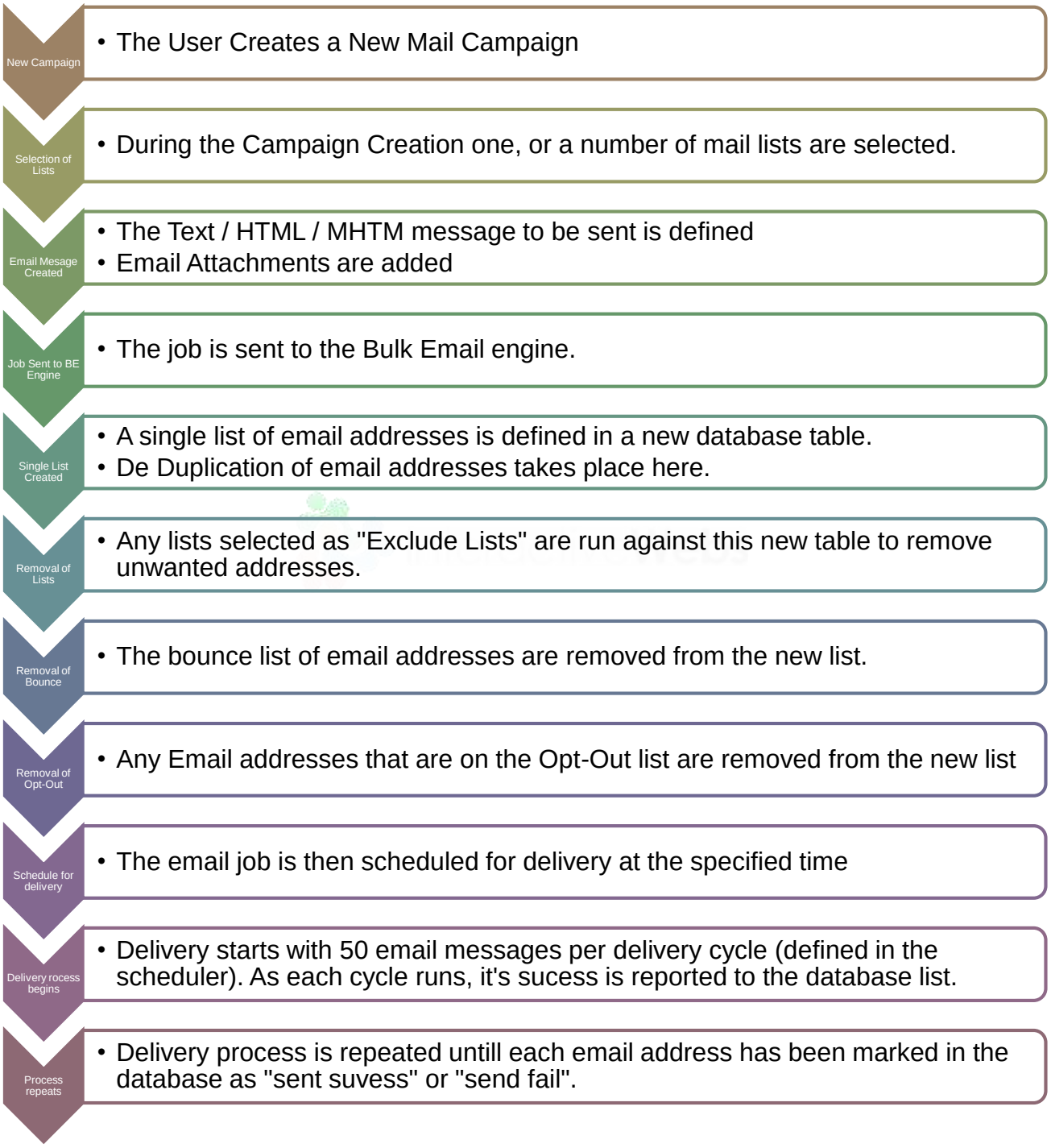
The solution is either:

1. Use a faster connection to your website to upload the module.
2. Upload the module directly to the website folder system, then login remotely to the server and browse to the website. Upload directly using the remote session.

InteractiveWebs

Understanding Bulk Emailer Logic

For some users it is helpful to understand the logic of the Bulk Emailer. This can help how you plan the use of the module on your site.



New Campaign
- The User Creates a New Mail Campaign

Selection of Lists
- During the Campaign Creation one, or a number of mail lists are selected.

Email Mesage Created
- The Text / HTML / MHTM message to be sent is defined
- Email Attachments are added

Job Sent to BE Engine
- The job is sent to the Bulk Email engine.

Single List Created
- A single list of email addresses is defined in a new database table.
- De Duplication of email addresses takes place here.

Removal of Lists
- Any lists selected as "Exclude Lists" are run against this new table to remove unwanted addresses.

Removal of Bounce
- The bounce list of email addresses are removed from the new list.

Removal of Opt-Out
- Any Email addresses that are on the Opt-Out list are removed from the new list

Schedule for delivery
- The email job is then scheduled for delivery at the specified time

Delivery rocess begins
- Delivery starts with 50 email messages per delivery cycle (defined in the scheduler). As each cycle runs, it's sucess is reported to the database list.

Process repeats
- Delivery process is repeated untill each email address has been marked in the database as "sent suvess" or "send fail".