



SharperEmail API Documentation

Version 2.0



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1. Introduction

The APIs allows you to integrate SharperEmail into your existing IT infrastructure so you can build, manage, automate and streamline your email newsletter sending and subscription processes remotely. The Application Programmer Interface (API) integrates existing systems such as CRMs and online stores with SharperEmail's email marketing application.

For example, an online retailer can capture customer data using their systems during the sales process and automatically post that data into SharperEmail. The data is then there for sending targeted personalized emails.

The API uses XML over HTTP to share information through the HTTP protocol.



2. Supported Operations

The API functions are for posting information to or retrieving information from your account and for scheduling sends from your account. Specifically, you can:

- Newsletters Management: Add, delete or retrieve newsletters
- Mailing List Management: Create, delete or retrieve mailing lists.
- Subscriber Management: Subscribe or unsubscribe email addresses. Add, update or retrieve subscriber information.
- Account Management: Create, delete or retrieve sub accounts. Allocate credits and get credit status.
- Sending Management: Sending emails
- Report Retrieval: Retrieve email status, statistics and click data.



3. How to Access the API

The API consists of query string calls or form posts to the following URL:

<http://www.SharperEmail.com/api.aspx>

If your account is on a domain other than www.SharperEmail.com, please use that URL instead of the URL currently shown above and in the examples.

If you are using a customized or dedicated domain than please contact SharperEmail to confirm the relevant URL.

You are able to write or post (post_) data and retrieve or get (get_) data. To obtain access to your account you will need to associate the proper variables detailed below with your account. Each of these variables is required and must be present on every string call or form post.

3.1 API security

You can set the API to work only for calls that originates from specific IP addresses specified by you.

You can set these IP's by logging into your account, selecting "ENHANCED MODE", and then clicking on "Setup & Options" , then click on "SETTINGS". Enter your trusted IP's in the textbox provided, separated by commas.



4. Required Objects

Name	Type	Required	Comments
Username	string	Yes if encUsername is not specified, else no	The username (email address) used to login into your account.
Password	string	Yes if encPassword is not specified, else No	The password used to login into your account.
encUsername	Encrypted string	Yes if Username is not specified else No	The encrypted username (you can get an encrypted username by calling get_encrypted_login)
encPassword	Encrypted string	Yes if Password is not specified else No	The encrypted password (you can get an encrypted username by calling get_encrypted_login)
Function	string	Yes	Specifies what you want to do. Functions detailed in below



5. NEWSLETTER MANAGEMENT FUNCTIONS

5.1. get_newsletters

Overview: Returns the newsletters in your account.

Returns:

0|Error (Different descriptions for the error).

XML (Diagram will follow in future version of this document)

- **NewsletterID**
- **Description**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_newsletters



5.2.get_newsletter

Overview: Returns the specified newsletter.

Objects:

Name	Type	Required	Comments
NewsletterID	Integer	Yes	The id number for the specified newsletter.
TextVersion	Boolean	No	Specifies whether the html or text version of the newsletter should be returned “false” = (Default) Returns the html version of the newsletter. “true” = Returns the text version of the newsletter.

Returns:

0|Error (Different descriptions for the error).

Newsletter body

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_newsletter&NewsletterID=321



5.3.post_import_newsletter

Overview: This function creates a new newsletter or edits an existing one.

Objects:

Name	Type	Required	Comments
HtmlURL	string	Yes	The url location of the html newsletter
TextURL	string	No	The url location of the text newsletter
NewsletterName	string	Yes, if new No, if existing	The name of the new newsletter, if updating an existing newsletter than it must be left blank.
NewsletterID	integer	Yes, if existing No, if new	The id of an existing newsletter, if importing a new newsletter than it must be left blank
NewExisting	string	Yes	This command creates a new newsletter or updates an existing one. New = Create a new newsletter Existing = Edit an existing newsletter
ReplaceImages	boolean	No	This command replaces relative image paths in your newsletter with the HtmlURL path. “false” = (Default) Keeps image paths as is. “true” = Replaces image paths
ReplaceLinks	Boolean	No	This command replaces your relative link paths with the HtmlURL path. “false” = (Default) Keeps link paths as is. “true” = Replaces link paths

Returns:

0|Error (Different descriptions for the error).



1|NewsletterID Newsletter successfully imported. (Where NewsletterID is the id of the newly imported Newsletter.)

1|Newsletter successfully updated. (Existing newsletters)

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_import_newsletter&HtmlURL=www.mydomain.com/Newsletter1.html&NewsletterName=MyNewsletter&NewExisting=New&ReplaceLinks=true



5.4.post_delete_newsletter

Overview: Deletes the specified newsletter.

Objects:

Name	Type	Required	Comments
NewsletterID	integer	Yes	The NewsletterID of the newsletter you want to delete

Returns:

0|Error (Different descriptions for the error).

1|Newsletter successfully deleted.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_newsletter&NewsletterID=123456



5.5.post_rename_newsletter

Overview: Deletes the specified newsletter.

Objects:

Name	Type	Required	Comments
NewsletterID	integer	Yes	The id of the newsletter you want to rename
NewName	String	Yes	Then new name you want to call your newsletter

Returns:

0|Error (Different descriptions for the error).

1|Newsletter name updated successfully.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_rename_newsletter&NewsletterID=123456&NewName=NewName



6. LIST MANAGEMENT FUNCTIONS

6.1. get_mailinglists

Overview: Returns all the mailing lists in your account.

Objects:

Name	Type	Required	Comments
MailinglistCount	integer	No	Returns the last x number of created mailing lists. (Where x = MailinglistCount)

Returns:

0|Error (Different descriptions for the error).

XML (Diagram will follow in future version of this document)

- **MailinglistID**
- **Description**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_mailinglists



6.2.get_mailinglist

Overview: Returns the email addresses in a specific mailing list in your account.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id number for the specified mailing list
Status	string	No	Include status that you wish to return: HB = Hard bounce OK = Valid S = Subscribed S2 = Opt-in Confirmed SP = Opt-in Unconfirmed U = Unsubscribed
CsvFormat	integer	No	1 = Send text to browser in csv format.

Returns:

0|Error (Different descriptions for the error).

XML (Diagram will follow in future version of this document)

- **EmailID**
- **EmailAddress**
- **Date**
- **IPAddress**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_mailinglist&MailinglistID=1234&Status=HB



6.3.post_create_mailinglist

Overview: Creates a new mailing list.

Objects:

Name	Type	Required	Comments
NewMailinglist	string	Yes	The name of the new mailing list

Returns:

- 0|Error (Different descriptions for the error).
- 1|New mailing list successfully added.

Example:

[http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&
Password=123456&Function=post_create_mailinglist&NewMailinglist=Mia
linglistName](http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_create_mailinglist&NewMailinglist=Mia
linglistName)



6.4.post_delete_mailinglist

Overview: Deletes the specified mailing list.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The name of the mailing list

Returns:

0|Error (Different descriptions for the error).

1|Mailinglist successfully deleted.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_mailinglist&MailinglistID=123456



6.5. post_delete_emailaddress

Overview: Deletes the specified email address form the specified mailing list.

Objects:

Name	Type	Required	Comments
EmailID	integer	Optional if EmailAddress is specified.	The EmailID of the email address you want to delete
EmailAddress	string	Optional if EmailID is specified.	The email address you want to delete.
MailinglistID	integer	Yes	The mailing list you want to delete from

Returns:

0|Error (Different descriptions for the error).

1|Email address successfully deleted from mailing list.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_emailaddress&MailinglistID=123456&EmailAddress=user@domain.com



6.6.post_edit_emailaddress

Overview: Edits the status of the specified email address in the specified mailing list.

Objects:

Name	Type	Required	Comments
EmailID	integer	Optional if EmailAddress is specified.	The EmailID of the email address you want to delete
EmailAddress	string	Optional if EmailID is specified.	The email address you want to delete.
MailinglistID	integer	Yes	The mailing list you want to delete from
NewStatus	String	Yes	Specify the new status of the email address. OK = Generic status. S = Subscribed. U = Unsubscribed.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Email address status successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_edit_emailaddress&MailinglistID=123456&EmailAddress=user@domain.com&NewStatus=OK



6.7.post_add_to_blocklist

Overview: Adds the specified email address to the block list, so that no future newsletters will be sent to this address.

Objects:

Name	Type	Required	Comments
EmailID	integer	Optional if EmailAddress is specified.	The EmailID of the email address you want to add to the block list.
EmailAddress	string	Optional if EmailID is specified.	The email address you want to add to the block list.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Email address successfully added to block list.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_add_to_blocklist&EmailID=123456



6.8. post_rename_mailinglist

Overview: Renames the specified mailing list.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id of the mailing list you want to rename.
NewName	string	Yes	The new name you want to call your mailing list.

Returns:

0|Error (Different descriptions for the error).

1|Mailing list successfully renamed.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_rename_mailinglist&MailinglistID=123456&NewName=Name



6.9.post_delete_status_from_mailinglist

Overview: Deletes the specified status from the mailing list.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id of the mailing list you want to delete from.
StatusCode	string	Yes	The status code you want to delete from the mailing list. NV = Not validated. OK = Generic status. HB = Hard bounced. S = Subscribed. U = Unsubscribed. SB = Soft bounced. SP = Double opt-in, unconfirmed. S2 = Double opt-in, confirmed.

Returns:

0|Error (Different descriptions for the error).

1|Records successfully deleted form mailing list.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_status_from_mailinglist&MailinglistID=123456&StatusCode=HB



6.10. post_copy_mailinglist

Overview: Copies specified mailing list to a new mailing list.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id of the mailing list you want to copy.
NewName	string	Yes	The name you want to give your new mailing list.
StatusCode	String	No	The status code you want to copy to the new mailing list. If no code is specified, all addresses are copied. NV = Not validated. OK = Generic status. HB = Hard bounced. S = Subscribed. U = Unsubscribed. SB = Soft bounced. SP = Double opt-in, unconfirmed. S2 = Double opt-in, confirmed.

Returns:

0|Error (Different descriptions for the error).

1|Email addresses successfully copied.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_copy_mailinglist&MailinglistID=123456&NewName=Name&StatusCode=U



6.11. post_purge_mailinglist

Overview: Deletes all HB (hard bounced) and U (unsubscribed) email addresses from specified mailing list.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id of the mailing list you want to purge.

Returns:

0|Error (Different descriptions for the error).

1|Mailing list successfully purged.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_purge_mailinglist&MailinglistID=123456



7. SUBSCRIBER MANAGEMENT FUNCTIONS

7.1. get_datasets

Overview: Get a list of the datasets in a specific account.

Returns:

XML (Diagram will follow in future version of this document)

- **DatasetID**
- **Name**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_datasets



7.2. get_dataset

Overview: Returns the columns defined for a specific dataset.

Objects:

Name	Type	Required	Comments
DatasetID	integer	Yes	The id number for the specified dataset

Returns:

XML (Diagram will follow in future version of this document)

- **dataset name=DatasetName**
 - **entry**
 - f* **emailaddress**
 - f* **mobilenumber**
 - f* **password**
 - f* **column name=Column1Name**
 - f* ...
 - f* **column name=Column25Name**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_dataset&DatasetID=123456



7.3.get_dataset_columns

Overview: Returns the columns defined for a specific dataset.

Objects:

Name	Type	Required	Comments
DatasetID	integer	Yes	The id number for the specified dataset

Returns:

XML (Diagram will follow in future version of this document)

- **DatasetID**
- **Name**
- **Email**
- **Col1**
- **Col2**
- ...
- **Col25**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_dataset_columns&DatasetID=123456



7.4.get_subscriber_info

Overview: Returns a list of newsletters and datasets which contains the specified email address.

Objects:

Name	Type	Required	Comments
Email	string	Yes	The email address that you are querying data on.

Returns:

0|Error (Different descriptions for the error).

XML (Diagram will follow in future version of this document)

- **Subscriberdata**
 - **Mailinglists**
 - f* **Mailinglist**
 - **Mailinglistid**
 - **Mailinglistname**
 - **Email**
 - **Status**
 - **Date**
 - **Datasets**
 - f* **Dataset**
 - **Datasetid**
 - **Datasetname**
 - **Lastsaved**
 - **Col1**
 - **Colname**
 - **Coldata**
 - **Col2**
 - **Colname**
 - **Coldata**
 - **...**
 - **Col25**
 - **Colname**
 - **Coldata**

Example:



http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_subscriber_info&Email=user@thedomain.com



7.5.post_subscribe

Overview: Subscribe an email address to a mailing list

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id number for the specified mailing list
Email	string	Yes	The email of the subscriber

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|The email address was successfully subscribed to this mailing list.
- 2**|The email address is already subscribed to this mailing list.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_subscribe&Email=new@mydomain.com&MailinglistID=123



7.6. post_unsubscribe

Overview: Unsubscribe an email address from a mailing list

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The id number for the specified mailing list
Email	string	Yes	The email to be unsubscribed

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|The email address was successfully unsubscribed from this mailing list.
- 2**|The email address was already unsubscribed from this mailing list.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_unsubscribe&Email=new@mydomain.com&MailinglistID=123



7.7.post_insertdata

Overview: Inserts or updates subscriber info into an existing dataset.

Objects:

Name	Type	Required	Comments
Email	string	Yes	The email address to which data is being posted
MobileNumber	String	No	The mobile number you want to import into the dataset. The number cannot contain any special characters ('+', '.' Etc.).
DatasetID	Integer	Yes	The id number for the specified dataset
Col1	string	Yes	The column or columns into which data is being posted. At least 1 additional data column is required.

Returns:

- 0|Error (Different descriptions for the error).
- 1|Datset values inserted.
- 2|Dataset values updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_insertdata&Email=new@mydomain.com&DatasetID=123&Col1=myname&Col2=mysurname



7.8.post_delete_from_dataset

Overview: Deletes the specified email address form the specified dataset.

Objects:

Name	Type	Required	Comments
EmailAddress	string	Optional if EmailID is specified.	The email address you want to delete form the dataset.
EmailID	Integer	Optional if EmailAddress is specified.	The EmailID of the email address you want to delete.
DatasetID	Integer	Yes	The DatasetID of the dataset you want to delete the email address from.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Email address successfully deleted from the dataset.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_from_dataset&Email=user@th edomain.com&DatasetID=123456



7.9.post_copy_dataset

Overview: Copies a dataset to a new dataset with the specified name.

Objects:

Name	Type	Required	Comments
DatasetID	integer	Yes	The id of the dataset you want to copy.
NewDataset	String	Yes	The name of the new dataset you want to copy the specified dataset to.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Dataset successfully copied.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_copy_dataset&DatasetID=123456NewDataset=Name



7.10. post_delete_dataset

Overview: Deletes the specified dataset

Objects:

Name	Type	Required	Comments
DatasetID	integer	Yes	The id of the dataset you want to delete.

Returns:

0|Error (Different descriptions for the error).

1|Dataset successfully deleted.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_dataset&DatasetID=123456



7.11. post_rename_dataset

Overview: Renames the specified dataset

Objects:

Name	Type	Required	Comments
DatasetID	integer	Yes	The id of the dataset you want to delete.
NewName	String	Yes	The new name you want to give to your dataset.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Dataset name successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_rename_dataset&DatasetID=123456&Newname=Name



8. RESELLER AND CORPORATE ACCOUNT MANAGEMENT FUNCTIONS

8.1.post_create_subaccount

Overview: Creates a sub account linked to a Reseller or Corporate account.

Objects:

Name	Type	Required	Comments
NewUsername	string	Yes	The account username
NewPassword	integer	Yes	The account password
Name	string	No	The first name of the account holder
Surname	string	No	The surname of the account holder
Address1	string	No	The address of the account holder
Address2	string	No	Additional address details of account holder
Organization	string	No	The company/organization of the account holder
WebsiteURL	string	No	The website of the account holder
ContactNumer	string	No	The telephone number of the account holder
BuyCredits	Bit	No	Specifies if the account can buy credits directly from SharperEmail 0 = (Default). Cannot by credits directly from SharperEmail. 1 = Can by credits directly from SharperEmail.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|SubAccount successfully registered.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_create_subaccount&NewUsername=new@mydomain.com&NewPassword=123&Name=newname&Surname=newsurname&Address1=Here&Address2=There&Organization=mycompany&WebsiteURL=www.website.com&ContactNumber=02123123123



8.2.post_addcredits

Overview: Moves credits from a Reseller or Corporate account to a subaccount.

Objects:

Name	Type	Required	Comments
CreditType	integer	Yes	The type of credits to be posted: monthly or non-expiring
Credits	integer	Yes	The number of credits to be posted
SubAccountID	integer	Yes	The account id number.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Credits updated successfully.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_addcredits&CreditType=1&Credits=1000&SubAccountID=1234



8.3. get_all_credits

Overview: Returns a list consisting of your own credits and the credits of all of your subaccounts.

Objects:

No additional input is needed for this function, but you have to be either a Reseller, or a Corporate account user to be able to use this function.

Returns:

0|Error (Different descriptions for the error).

XML (Diagram will follow in future version of this document)

- **credits**
 - **mainaccounts**
 - f* **normalcredits**
 - f* **nonexpirecredits**
 - **subaccounts**
 - f* **subaccount**
 - **username**
 - **subaccountid**
 - **normalcredits**
 - **nonexpirecredits**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_all_credits



8.4.post_remove_credits

Overview: Removes credits form the specified sub account

Objects:

Name	Type	Required	Comments
SubaccountID	integer	Yes	The id of the sub account to remove credits from
Credits	Integer	Yes	The amount of credits to remove from specified sub account

Returns:

0|Error (Different descriptions for the error).

1|Credits updated successfully.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_remove_credits&SubaccountID=123456&Credits=100



8.5.get_subaccounts

Overview: Returns a list of all sub accounts linked to the account.

Objects: No additional input is needed for this function, but you have to be either a Reseller, or a Corporate account user to be able to use this function.

Returns:

0|Error (Different descriptions for the error).

XML (Diagram will follow in future version of this document)

- **subaccounts**
 - **subaccount**
 - f* **id**
 - f* **username**
 - f* **password**
 - f* **email**
 - f* **name**
 - f* **lastname**
 - f* **organization**
 - f* **address1**
 - f* **address2**
 - f* **postalcode**
 - f* **countryid**
 - f* **contactnumber**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_subaccounts



8.6.post_delete_subaccount

Overview: Removes specified subaccount.

Objects:

Name	Type	Required	Comments
SubaccountID	integer	Yes	The id of the sub account

Returns:

0|Error (Different descriptions for the error).

1|Subaccount successfully deleted.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_delete_subaccount&SubaccountID=123456



8.7. get_subaccountid

Overview: Returns the subaccount id in string format

Objects:

Name	Type	Required	Comments
SubaccountUsername	string	Yes	The account name of the sub account

Returns:

0|Error (Different descriptions for the error).

xxx (Where xxx is the SubaccountID)

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_subaccountid&SubaccountUsername=subaccount@domain.com



9. ACCOUNT MANAGEMENT FUNCTIONS

9.1.post_changepassword

Overview: Changes a sub account users password.

Objects:

Name	Type	Required	Comments
NewPassword	string	Yes	The new password for the account

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Password has been successfully changed.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_changepassword&NewPassword=1234



9.2 get_encrypted_login

Overview: Returns an encrypted username and password.

Objects: None

Returns:

0|Error (Different descriptions for the error).

1|encUsername=xxxxxxxxxxx&encPassword=yyyyyyyyyyyyyyyyyy

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_encrypted_login



10. SENDING MANAGEMENT FUNCTIONS

10.1. `post_sendtestmail`

Overview: Sends a test email to a specified account

Objects:

Name	Type	Required	Comments
ToEmail	string	Yes	The email the test send will be sent to
FromEmail	string	Yes	The from email for the send
FromName	string	Yes	The from name for the send
Subject	string	Yes	The subject for the send
NewsletterID	string	Yes	The id of the newsletter to be sent
TextOnly	integer	No	1 = text only version; 0 = HTML version

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Mail successfully sent.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_sendtestmail&ToEmail=to@someone.com&FromEmail=from@me.co.za&FromName=Myself&TextOnly=1&NewsletterID=123



10.2. post_sendmail

Overview: Sends a specified newsletter to a specified mailing list.

Objects:

Name	Type	Required	Comments
MailinglistID	integer	Yes	The mailing list the send will be sent to
FromEmail	string	Yes	The from email for the send
FromName	string	Yes	The from name for the send
Subject	string	Yes	The subject for the send
NewsletterID	string	Yes	The id of the newsletter to be sent
TextOnly	integer	No	1 = text only version; 0 = HTML version

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Mail successfully sent.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_sendtestmail&ToEmail=to@someone.com&FromEmail=from@me.co.za&FromName=Myself&TextOnly=1&NewsletterID=123&MailinglistID=432



11. REPORT RETRIEVAL FUNCTIONS

11.1. `get_email_status`

Overview: Gets the status of a newsletter in a specific Mailinglist

Objects:

Name	Type	Required	Comments
Email	string	Yes	The email address that you are querying data on.
MailinglistID	Integer	Yes	The mailing list that email address is in

Returns:

0|Error (Different descriptions for the error).

1|**Status**

NV – Not Validated.

OK – Successfully Validated

HB – Hard bounce

S – New Subscriber

U – Unsubscribed

SP – 2x Opt in subscriber (unconfirmed)

S2 – 2x Opt in subscriber (confirmed)

SB1 – Soft Bounce

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_email_status&Email=to@someone.com&MailinglistID=432



11.2. get_statistics

Overview: Returns a summary of your statistics in xml or csv format

Objects:

Name	Type	Required	Comments
Rows	integer	No	Specify how many rows of statistics should be returned, for example Rows=10 will return the 10 most recent sends.
Csv	Bit	No	To determine the format the data is returned: 0 = Default (XML format) 1 = Csv format
FromDate	Date	Yes if ToDate is specified else not.	Specify the date from which to return statistics Format : yyyy-mm-dd
ToDate	Date	Yes if FromDate is specified else not.	Specify the date to which statistics must be returned. Format : yyyy-mm-dd

Returns:

0|Error (Different descriptions for the error).

XML

statistics

o send

- f* sendid
- f* fromname
- f* newslettername
- f* subject
- f* startdate
- f* enddate
- f* sent
- f* opened
- f* clicked
- f* forwarded
- f* unsubscribed
- f* delivered
- f* userunknown
- f* domailunknown



f **mailboxfull**
f **spamtrapped**
f **other**
f **complaints**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_statistics&Rows=10&Csv=0



11.3. get_clicks

Overview: Returns an xml list of the links, and recipients that clicked on links in the specified newsletter.

Objects:

Name	Type	Required	Comments
SendID	integer	Yes	The id of the send that click data is being requested on

Returns:

0|Error (Different descriptions for the error).

XML

```
clicks
  o link
    f linkname
    f recipient
      • email
      • clicks
      • date
```

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_statistics&SendID=100000000000



11.4. get_unsubscribes

Overview: Returns an xml list of the unsubscribed recipients for either the specified SendID, or date range.

Objects:

Name	Type	Required	Comments
SendID	Integer	No (If from- and to dates are specified, else yes)	The id of the send that click data is being requested on
FromDate	Date (yyyy-mm-dd)	No (if send id is specified, else yes)	The start date of the unsubscribes you want to get
ToDate	Date (yyyy-mm-dd)	No (if send id is specified, else yes)	The end date of the usubscribes you want to get

Please note : You should specify either a SendID or From- and ToDate, but not both.

Returns:

0|Error (Different descriptions for the error).

XML

```
unsubscribes
  o mailinglist
    f mailinglistname
    f unsubscriber
      • email
      • date
```

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_unsubscribes&SendID=10000000000
0



11.5. get_bounced

Overview: Returns an xml list of the bounced email addresses for either the specified SendID or the date range.

Objects:

Name	Type	Required	Comments
SendID	integer	No (If from- and to dates are specified, else yes)	The id of the send that bounced data is being requested on
FromDate	Date (yyyy-mm-dd)	No (if send id is specified, else yes)	The start date of the bounced addresses you want to get
ToDate	Date (yyyy-mm-dd)	No (if send id is specified, else yes)	The end date of the bounced addresses you want to get

Please note : You should specify either a SendID or From- and ToDate, but not both.

Returns:

0|Error (Different descriptions for the error).

XML

bounced

- o recipient

 - f email

 - f date

 - f classification

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_bounced&SendID=100000000000



11.6. get_opened

Overview: Returns an xml list of the opened email addresses for the specified SendID.

Objects:

Name	Type	Required	Comments
SendID	Integer	Yes	The id of the send that opened data is being requested on

Returns:

0|Error (Different descriptions for the error).

XML

bounced

- o recipient

 - f email

 - f date

 - f classification

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_opened&SendID=100000000000



11.7. get_delivered

Overview: Returns an xml list of the delivered email addresses for the specified SendID.

Objects:

Name	Type	Required	Comments
SendID	integer	Yes	The id of the send that delivery data is being requested on

Returns:

0|Error (Different descriptions for the error).

XML

```
delivered
  o recipient
    f email
    f date
```

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_delivered&SendID=100000000000



11.8. `get_email_credits`

Overview: Returns the amount of normal- and nonexpire credits left in the account in xml format.

Objects: None

Returns:

0|Error (Different descriptions for the error).

XML

emailcredits

- **normalcredits**
 - f* **value**
 - f* **expiredate**
- **nonexpirecredits**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_email_credits



12. SITE SETTINGS FUNCTIONS

12.1. `post_set_timezone`

Overview: Sets the time zone for your account.

Objects:

Name	Type	Required	Comments
GmtOffset	Integer	Yes	The GMT offset of the time zone you are in. (can be negative)
DaylightSavings	Bit	No	Specifies if you are using daylight savings time. 0 = No daylight savings (Default) 1 = Activate daylight savings

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Timezone successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_set_timezone&DaylignSavings=1



12.2. post_display_subscribe_link

Overview: Specifies if a subscribe link should be added to your newsletters

Objects:

Name	Type	Required	Comments
DisplayLink	Integer	Yes	Specifies if you would like to display a subscribe link on your newsletters. 0 = Don't display(Default) 1 = Display link

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Settings successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_display_subscribe_link&DisplayLink=1



12.3. post_footer_alignment

Overview: Specifies how the footer of your newsletters should be aligned.

Objects:

Name	Type	Required	Comments
Align	String	Yes	Specifies how your footer should be aligned Left Right Center

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Settings successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_footer_alignment&Align=Center



12.4. post_display_forward_to_friend

Overview: Specifies if a forward to friend link should be included in your newsletters

Objects:

Name	Type	Required	Comments
ForwardToFriend	Bit	Yes	Specifies if you would like to display a forward to friend link in your newsletters. 0 = Don't display(Default) 1 = Display link

Returns:

0|Error (Different descriptions for the error).

1|Settings successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_display_forward_to_friend&ForwardToFriend=1



12.5. post_set_subscribe_confirm

Overview: Specifies the newsletter that should be used for subscription confirmation.

Objects:

Name	Type	Required	Comments
NewsletterID	Integer	Yes	The id of the newsletter you want to be sent to recipients subscribing to a mailing list.
Subject	String	Yes	The subject of the email
FromName	String	No	The from name of the email
FromEmail	String	No	The from email address of the email.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Settings successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_set_subscribe_confirm&NewsletterID=123456&Subject=Confirmation&FromName=User&FromEmail=user@myonain.com



12.6. post_set_unsubscribe_confirm

Overview: Specifies the newsletter that should be used if a recipient unsubscribes.

Objects:

Name	Type	Required	Comments
NewsletterID	Integer	Yes	The id of the newsletter you want to be sent to recipients unsubscribing from a mailing list.
Subject	String	Yes	The subject of the email
FromName	String	No	The from name of the email
FromEmail	String	No	The from email address of the email.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Settings successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_set_unsubscribe_confirm&NewsletterID=123456&Subject=Confirmation&FromName=User&FromEmail=user@mydonain.com



12.7. post_double_opt_in

Overview: Specifies whether a confirmation email should be sent to persons subscribing to your mailing lists..

Objects:

Name	Type	Required	Comments
OptIn	Bit	Yes	Specifies if you would like send a confirmation message to people subscribing to you mailing lists. 0 = Don't send message(Default) 1 = Send message

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Settings successfully updated.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_double_opt_int&Optin=0



12.8. post_confirm_email_settings

Overview: Sets the confirmation email from name, and from email

Objects:

Name	Type	Required	Comments
FromName	String	Yes	The from name you want the recipients of confirmation emails to see
FromEmail	String	Yes	The from email you want the recipients of confirmation emails to see

Returns:

0|Error (Different descriptions for the error).

1|Settings successfully updated.

Example:

[http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_confirm_email_settings&FromName=John Smith&FromEmail=name@mydomain](http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_confirm_email_settings&FromName=John%20Smith&FromEmail=name@mydomain)



13. SMS/TEXTING FUNCTIONS

13.1. `get_mobile_messages`

Overview: Retrieves all of the mobile messages in your account in xml format.

Objects:

No additional input is needed

Returns:

0|Error (Different descriptions for the error).

XML

```
smsmessages
  o smsmessage
    f smsid
    f smsname
    f smsbody
```

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_mobile_messages



13.2. post_add_to_mobilelist

Overview: Adds the specified mobile number to the specified mobile list

Objects:

Name	Type	Required	Comments
Number	String	Yes	The mobile number you want to add to the mobile list. The number should contain only numeric characters, no leading "+", no spaces, no dashes ("-") , and no periods (".") etc.
MobileListID	Integer	Yes	The id of the list you want to add the number to.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Number successfully added.

Example:

[http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post add to mobilelist&Number=2700000000](http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post%20add%20to%20mobilelist&Number=2700000000)



13.3. post_send_mobile_message

Overview: Sends the specified mobile message to the specified mobile list.

Objects:

Name	Type	Required	Comments
MobileListID	Integer	Yes	The id of the mobile list you want to send to.
MobileMessageID	Integer	Yes	The id of the mobile message you want to send to the specified mobile list.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Message successfully queued.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_send_mobile_message&MobileListID=1234&MobileMessageID=1234



13.4. post_send_mobile_test

Overview: Sends the specified mobile message to the specified mobile number.

Objects:

Name	Type	Required	Comments
Number	String	Yes	The mobile number you want to add to the mobile list. The number should contain only numeric characters, no leading "+", no spaces, no dashes ("-"), and no periods (".") etc.
MobileMessageID	Integer	Yes	The id of the mobile message you want to send to the specified mobile number.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Mobile message successfully queued.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_send_mobile_test&MobileMessageID=1234&Number=27000000000



13.5. post_create_mobile_list

Overview: Creates a mobile mailing list.

Objects:

Name	Type	Required	Comments
ListName	String	Yes	The name of the new list you want to create.

Returns:

0|Error (Different descriptions for the error).

1|Mobile list successfully created.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_create_mobile_list&ListName=New list



13.6. get_mobilelists

Overview: Returns all of the mobile mailing lists that exist in your account in xml format.

Objects:

No additional input is needed

Returns:

0|Error (Different descriptions for the error).

XML

mobilelists

○ **mobilelist**

f **mobilelistid**

f **mobilelistname**

f **mobilelistbody**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_mobilelists



13.7. get_mobilelist

Overview: Returns the mobile numbers in the specified mobile mailing list in xml format.

Objects:

Name	Type	Required	Comments
MobileListID	Integer	Yes	The id of the mobile list you want the details for

Returns:

0|Error (Different descriptions for the error).

XML

- mobilenumbers**
 - o **mobilenumber**
 - f* **number**
 - f* **date**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_mobilelist&MobileListID=1000



13.8. `post_create_mobile_message`

Overview: Creates a new mobile message in the specified account

Objects:

Name	Type	Required	Comments
MessageName	String	Yes	The name you want for your new mobile message
MessageBody	String	Yes	The message body of the new mobile message.

Returns:

- 0**|Error (Different descriptions for the error).
- 1**|Message successfully created.

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=post_create_mobile_message&MessageName=New messae&MessageBody=The text you want to send



13.9. `get_mobile_credits`

Overview: Returns the amount of mobile credits left in the account in xml format.

Objects: None

Returns:

0|Error (Different descriptions for the error).

XML

mobilecredits

○ **nonexpirecredits**

Example:

http://www.SharperEmail.com/api.aspx?Username=user@mydomain.com&Password=123456&Function=get_mobile_credits

