

AXIGEN CliClient API v7.1.0

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1. Introduction

=====

CLIClient is an API that allows easy Axigen mailserver configuration. CLI is an Axigen service that allows configuration of Axigen server. To access CLI, one must enable it and telnet on the port the service binds to, usually 7000. CLI uses contexts in order to group together similar operations, like server configuration (the "server#" context), pop3 service configuration (the "server-pop3#" context) or domain configuration (the "domain#" context). These contexts are positioned in a tree-like structure, so if one wants to configure something, one must go to the necessary context, make the changes through the use of commands and then commit the changes.

The CLIClient assigns objects to the various CLI contexts. These objects embed all the properties specific to a CLI context; for example the "domain" object has the "name" property representing the domain name, like "mydomain.com". Also, the CLIClient has various methods for getting and setting the object properties. Once changes on the object are finalized, the object configuration can be saved back to Axigen, thus committing the changes. Also, the CLIClient has methods that return other objects, for example from the "account" object one can obtain the "quotas" object, representing the restrictions for that specific account. Naturally, Axigen's CLI service must be enabled for the CLIClient library to configure that server.

2. Software requirements

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The software requirements, for Axigen Cliclient API, are:

- * Linux OS, kernel 2.4/2.6
- * Windows 2003, Windows XP
- * IIS 6.0 with fastCGI (you need to use php Non-thread-safe)
- * Apache 2.2
- * PHP 5.2.1 - 5.2.8

3. Files and directories

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- * cliclient.so/dll - needs to be located in php extension directory

- * **php files - need to be located in php include path**

4. Instalation

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- * **edit your php.ini**
- * **search for extension_dir and see where the path is set to**
- * **search for include_path**
- * **append to include path ":/somepath/AxigenCliApi/"**
- * **append the following line to your php.ini:**
 extension = "cliclient.so"
- * **check php if is compile with threads or not to see what cliclient to copy**
- * **check your OS, CPU to see what cliclient library to copy**
- * **mv cliclient_(OS)_(CPU)_(THREADS).so to the path from extension_dir/cliclient.so**
- * **tar zxvf phpfiles.tgz -C /somepath/AxigenCliApi/**
- * **restart your apache server**
- * **to start using AxigenCliApi include "Axigen.php" and check the Cli Object Documentation on how to use it.**

5. Check for PHP Threads support

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You can check if your php has Threads support by following these steps:

- * **php cli:**
 - **run this command in a shell:**
 php --info | grep "Threads Safety"
- * **php apache:**
 - **create a php file containing <?php phpinfo(); ?>**
 - **fetch that file via apache and find the "Threads Safety" string**
- **If "Threads Safety" is enabled, use the library with threads, otherwise, use the one with no threads.**

Object: Aacl
Parents:
Axigen->configAacl

Method Name: updateAdminGroup

Description: updates an admin group

Parameters:

string : GroupName (the group name that you want to update)

Method Name: updateAdminUser

Description: updates an admin user

Parameters:

string : UsserName (the user name that you want to update)

Method Name: listResources

Description: this method returns an array with all the available resources

Return: array

Method Name: listAdminGroups

Description: this method returns an array with all the available admin groups

Return: array

Method Name: listAdminUsers

Description: this method returns an array with all the available admin users

Return: array

Method Name: listServerPrincipals

Description: this method returns an array with all the available server principals

Return: array

Method Name: listDomainPrincipals

Description: this method returns an array with all the available domain principals (per specific domain)

Return: array

Parameters:

string : DomainName (the domain name for which you want to see the principals)

Method Name: purgeResources

Description: this method purges all resources

Return: bool

Method Name: addAdminGroup

Description: adds a new admin group

Return: bool

Parameters:

string : GroupName (the new group name)

Method Name: removeAdminGroup

Description: removes an admin group

Return: bool

Parameters:

string : GroupName (the group name that will be removed)

: Forced (Force group removal)

Method Name: addAdminUser

Description: adds a new admin user

Return: bool

Parameters:

string : UserName (the new user name)

string : Password (User password)

Method Name: removeAdminUser

Description: this method removes an admin user

Return: bool

Parameters:

string : UserName (the user name to be removed)

```
Object: AccessControl
Parents:
  Cli->configAccessControl
  FtpBackup->configAccessControl
  Imap->configAccessControl
  ImapProxy->configAccessControl
  Pop3->configAccessControl
  Pop3Proxy->configAccessControl
  Smtpln->configAccessControl
  Webadmin->configAccessControl
  Webmail->configAccessControl
  WebmailProxy->configAccessControl
```

Members:

```
set/get maxConnections - maximum number of connections
set/get timeInterval - the time interval
set/get maxIntervalConnections - maximum number of connections in time interval
set/get peerMaxConnections - maximum number of connections from a single host
set/get peerTimeInterval - the time interval - single host
set/get peerMaxIntervalConnections - maximum number of connections in time interval - single host
```

Method Name: updateAllowRule

Description: this method returns an object with an allow rule loaded

Parameters:

```
string : IpRangeNetwork ( IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0) )
```

Method Name: listAllowRules

Description: returns an array with all the allow rules

Return: array

Method Name: listDenyRules

Description: returns an array with all the deny rules

Return: array

Method Name: addDenyRule

Description: adds a deny rule

Return: bool

Parameters:

```
string : IpRangeNetwork ( IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0) )
```

```
string (yes/no) : RuleEnable ( enable rule (optional default: yes) )
```

```
int : RulePriority ( rule priority (optional default: auto) )
```

Method Name: removeDenyRule

Description: removes a deny rule

Return: bool

Parameters:

```
string : IpRangeNetwork ( IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0) )
```

Method Name: updateDenyRule

Description: this method updates a deny rule

Parameters:

```
string : IpRangeNetwork ( IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0) )
```

```
string (yes/no) : Enable ( enable/disable rule )
```

```
int : Priority ( set the rule priority )
```

Method Name: addAllowRule

Description: adds an allow rule

Return: bool

Parameters:

```
string : IpRangeNetwork ( IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0) )
```

```
string (yes/no) : RuleEnable ( enable rule (optional default: yes) )
```

```
int : RulePriority ( rule priority (optional default: auto) )
```

Method Name: removeAllowRule

Description: removes an allow rule

Return: bool

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))**Method Name: save**

Description: this method must be called if one of the members has been changed

Return: bool

Object: Account

Description: this is the object containing the Axigen account data for the selected account

Parents:

Domain->updateAccount

Members:

set/get name - the account's name

set password - the account's password

get accountClassName - the account class from which the selected user inherits settings

get senderNotInAddressBookAction - this is the action that the user has selected in Webmail to be executed if the email sender is not in his address book

Method Name: configWebmailData

Description: this method returns an object pertaining to WebmailData for the selected account

Method Name: configSendRecvRestrictions

Description: This function returns an object of SendRecvRestrictions type for the selected account

Method Name: configFilters

Description: this method returns an object pertaining to Filters for the selected account

Method Name: configContactInfo

Description: this method returns an object pertaining to Contact Info for the selected account

Method Name: configQuotas

Description: this method returns an object pertaining to Quotas for the selected account

Method Name: configLimits

Description: this method returns an object pertaining to Limits for the selected account

Method Name: listAliases

Description: this method returns an array with all the aliases of the selected account

Return: array

Method Name: addAlias

Description: this method adds a new alias to the selected account

Return: bool

Parameters:

string : AliasName (the new alias name)

Method Name: removeAlias

Description: this method removes an alias from the selected account

Return: bool

Parameters:

string : AliasName (the name of the alias that you want to remove from the selected account)

Method Name: registryInformation

Description: this method returns an array with all the account registry information

Return: array

Method Name: uploadWmFilter

Description: this method uploads a Webmail Filter to the account

Return: bool

Parameters:

string : FilterData (the filter data that you want to upload)

Method Name: inheritSettingsFromDomainDefaults

Description: this method sets the account settings' inheritance from the domain's defaults

Return: bool

Method Name: inheritSettingsFromAccountClass

Description: this method sets the account settings' inheritance from the account class

Return: bool

Parameters:

string : AccountClass (the account class name that you want to set for the selected user)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: AccountClass Parents: Domain->updateAccountClass
--

Members:

set/get name - the account class name

Method Name: configFilters

Description: this method returns the Filters object for the selected account class

Method Name: configQuotas

Description: this method returns the Quotas object for the selected account class

Method Name: configLimits

Description: this method returns the Limits object for the selected account class

Method Name: configSendRecvRestrictions

Description: This function returns an object of SendRecvRestrictions type for the selected account class

Method Name: save

Description: this method saves the changed members of the account class

Return: bool

Object: ActiveFilters

Description: this is the object containing the ActiveFilters data for the selected filter

Parents:

Filters->updateActiveFilter

Members:

set/get priority - the priority of the filter

set/get filterName - the name of the filter as defined in the socket/script object set

set/get filterType - type of the filter (to which the object set belongs)

set/get applyOn - Specifies where this filter is activated (local, relay delivery or both) (available only on server filters)

set/get filteringOn - applies filter on levels: received|sent|sentAndReceived (available only on domain/accounts filters)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: AdminGroup Parents: Aacl->updateAdminGroup
--

Members:

set/get name - gets group's name

set/get description - gets group's description

Method Name: getEffectivePermissions

Description: this method returns an object with all the effective permissions loaded

Parameters:

string : DomainName (the domain name from where the permission will be loaded; if it is null, the server permissions will be loaded (this parameter is optional - server is default))

Method Name: getPermissions

Description: this method returns an object with all the permissions loaded

Parameters:

string : DomainName (the domain name from where the permission will be loaded; if it is null, the server permissions will be loaded (this parameter is optional - server is default))

Method Name: listParents

Description: this method returns an array with all the group's parents

Return: array

Method Name: listMembers

Description: this method returns an array with all the members

Return: array

Method Name: addParentGroup

Description: this method adds a new parent group

Return: bool

Parameters:

string : ParentGroupName (the parent group that you want to add)

Method Name: removeParentGroup

Description: this method removes a parent group

Return: bool

Parameters:

string : ParentGroupName (the parent group that you want to remove)

Object: AdminLimits
Parents:
Domain->configAdminLimits

Members:

set/get maxAccounts - maxAccounts on domain admin limits
set/get maxMaillists - maxMaillists on domain admin limits
set/get maxGroups - maxGroups on domain admin limits
set/get maxFolderRecipients - maxFolderRecipients on domain admin limits
set/get maxAccountClasses - maxAccountClasses on domain admin limits
set/get maxAccountMessageSizeQuota - maxAccountMessageSizeQuota on domain admin limits
set/get maxAccountMessageCountQuota - maxAccountMessageCountQuota on domain admin limits
set/get maxAccountFolderCountQuota - maxAccountFolderCountQuota on domain admin limits
set/get maxAccountFolderMessageSizeQuota - maxAccountFolderMessageSizeQuota on domain admin limits
set/get maxAccountFolderMessageCountQuota - maxAccountFolderMessageCountQuota on domain admin limits
set/get maxMaillistMessageSizeQuota - maxMaillistMessageSizeQuota on domain admin limits
set/get maxMaillistMessageCountQuota - maxMaillistMessageCountQuota on domain admin limits
set/get maxMaillistFolderCountQuota - maxMaillistFolderCountQuota on domain admin limits
set/get maxMaillistFolderMessageSizeQuota - maxMaillistFolderMessageSizeQuota on domain admin limits
set/get maxMaillistFolderMessageCountQuota - maxMaillistFolderMessageCountQuota on domain admin limits
set/get maxPublicFolderMessageSizeQuota - maxPublicFolderMessageSizeQuota on domain admin limits
set/get maxPublicFolderMessageCountQuota - maxPublicFolderMessageCountQuota on domain admin limits
set/get maxPublicFolderFolderCountQuota - maxPublicFolderFolderCountQuota on domain admin limits
set/get maxPublicFolderFolderMessageSizeQuota - maxPublicFolderFolderMessageSizeQuota on domain admin limits
set/get maxPublicFolderFolderMessageCountQuota - maxPublicFolderFolderMessageCountQuota on domain admin limits
set/get maxSubdomains - maxSubdomains on domain admin limits
set/get subdomainStorageLocation - subdomainStorageLocation on domain admin limits
set/get subdomainObjectStorageLocation - subdomainObjectStorageLocation on domain admin limits
set/get enableSmtIncoming - the enable/disable status for SMTP Incoming
set/get enableSmtOutgoing - the enable/disable status for SMTP Outgoing
set/get enablePop3 - the enable/disable status for POP3
set/get enableRpop - the enable/disable status for RPOP
set/get enableImap - the enable/disable status for IMAP
set/get enableWebmail - the enable/disable status for Webmail

Method Name: save

Description: this method must be called if one of the members has been changed
Return: bool

Method Name: listSubdomainMessageStorageLocations

Description: list message storage locations for this sub-domain
Return: array

Method Name: addSubdomainMessageStorageLocation

Description: adds a message storage location for this sub-domain
Return: bool

Parameters:

string : Path (the message storage location path)

Method Name: removeSubdomainMessageStorageLocation

Description: removes a message storage location for this sub-domain
Return: bool

Parameters:

string : Path (the message storage location path)

Object: AdminUser Parents: Aacl->updateAdminUser
--

Members:

set/get name - user's name
set/get description - user's description
set password - user's password

Method Name: getEffectivePermissions

Description: this method returns an object with all the effective permissions loaded

Parameters:

string : DomainName (the domain name from where the permission will be loaded, if it's null the server permissions will be loaded (this parameter is optional - server is default))

Method Name: getPermissions

Description: this method returns an object with all the permissions loaded

Parameters:

string : DomainName (the domain name from where the permission will be loaded, if it's null the server permissions will be loaded (this parameter is optional - server is default))

Method Name: listParents

Description: this method returns an array with all user's parents

Return: array

Method Name: addParentGroup

Description: this method adds a new parent group

Return: bool

Parameters:

string : ParentGroupName (the parent group that you want to add)

Method Name: removeParentGroup

Description: this method removes a parent group

Return: bool

Parameters:

string : ParentGroupName (the parent group that you want to remove)

Object: AllowRule

Parents:

AccessControl->updateAllowRule

Listener->updateAllowRule

Members:

set/get ipSet - the ipSet parameter

set/get enable - the enable/disable status for the rule

set/get priority - the rule's priority

set/get maxConnections - maximum number of connections

set/get timeInterval - the time interval

set/get maxIntervalConnections - maximum number of connections in time interval

set/get peerMaxConnections - the set maximum number of connections from a single host

set/get peerTimeInterval - the time interval - single host

set/get peerMaxIntervalConnections - maximum number of connections in time interval - single host

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Axigen

Description: this object is the primary object for this wrapper; it starts a connection to Axigen and from the resulting object you will be able to access the other objects

Note: this object must be initialized first

Method Name: registerDomain

Description: this method registers an already created domain

Note: For the domain to be registered on server restart, you must save the server configuration ex: \$session->saveConfig()

Parameters:

string : DomainLocation (the location for the domain that you want to register)

bool : Advanced (if this is true, an object with the domain registration loaded will be returned else the command will be executed (default: false))

Method Name: createDomain

Description: this method creates a new domain

Note: For the domain to be registered on server restart, you must save the server configuration ex: \$session->saveConfig()

Parameters:

string : DomainName (the new domain name)

string : DomainLocation (the location on disk)

string : PostmasterPassword (the postmaster user password)

bool : Advanced (if this is true, an object with the domain registration loaded will be returned else the command will be executed (default: false))

Examples:

Example Create a new domain

```
<?php
```

```
require_once("Axigen.php");
```

```
$session = new Axigen();
```

```
/** Connecto to axigen server */
```

```
$session->connect("IP", "CLIPOINT", "ADMINUSER", "ADMINPASSWORD");
```

```
/** Create a new domain on axigen server */
```

```
$result = $session->createDomain("localdomain", "domains/localdomain/", "postmasterPassword");
```

```
/** Check domain creation result */
```

```
if($result) {
```

```
    print "Domain has been created<br>";
```

```
/** Save configuration to axigen, for the domain to be registered on server restart */
```

```
$saveResult = $session->saveConfig();
```

```
/** Check save result */
```

```
if($saveResult) {
```

```
    print "Configuration saved<br>";
```

```
} else {
```

```
    print "Unable to save configuration<br>";
```

```
}
```

```
} else {
```

```
    print "Unable to create domain<br>";
```

```
}
```

```
?>
```

Result

this will print the domain creation result:

Domain has been created

Configuration saved

Example Create a new domain in advanced mode

```
<?php
```

```
require_once("Axigen.php");
```

```
$session = new Axigen();
```

```
/** Connecto to axigen server */
```

```
$session->connect("IP", "CLIPOINT", "ADMINUSER", "ADMINPASSWORD");
```

```
/** Create a new domain on axigen server in advanced mode*/
$result = $session->createDomain("localdomain", "domains/localdomain/", "postmasterPassword", true);

/** set macl support */
$result->maclSupport = 1;

/** save domain */
$save = $result->save();

/** Check domain creation result */
if($save) {
    print "Domain has been created<br>";
}

/** Save configuration to axigen, for the domain to be registered on server restart */
$saveResult = $session->saveConfig();

/** Check save result */
if($saveResult) {
    print "Configuration saved<br>";
} else {
    print "Unable to save configuration<br>";
}
} else {
    print "Unable to create domain<br>";
}
}

?>
Result
this will print the domain creation result:
```

Domain has been created
Configuration saved

Method Name: createSubDomain

Description: this method creates a new sub-domain domain

Note: For the sub domain to be registered on server restart, you must save the server configuration ex: \$session->saveConfig()

Parameters:

string : Prefix (sub-domain name (prefix for the domain))
string : ParentDomain (the parent domain for this sub-domain)
string : PostmasterPassword (the postmaster user password)
bool : Advanced (if this is true, an object with the domain registration loaded will be returned else the command will be executed (default: false))

Method Name: updateDomain

Description: This function returns an object with the selected domain loaded

Parameters:

string : DomainName (the domain name that you want to load)

Method Name: configAacl

Description: this function returns an object of AACL type

Method Name: configServer

Description: this function returns an object of Server type

Method Name: viewQueue

Description: this function returns an object of Queue type

Method Name: connect

Description: this method is used to connect to the Axigen CLI

Note: please make sure that you have set the CLI listener to be able to connect from the place where you run the script

Return: bool

Parameters:

string : IpAddress (IP address where the Axigen server is)
int : CliPort (The CLI port from your Axigen configuration)
string : AdminUsername (the admin user name)
string : Password (the admin password)
bool : secure (SSL connection (this parameter is optional, default: false))
int : Timeout (The connection time out (this parameter is optional))

Method Name: versions

Description: returns an array with PHP files and the CliClient library version

Return: array

Method Name: listDomains

Description: this method returns an array with the domain list filtered by parameter

Return: array

Parameters:

string : DomainFilter (the domain filter (ex: domain*: will list all domains that start with domain) (this parameter is optional))

Examples:

Example List all the domains

```
<?php
require_once("Axigen.php");

$session = new Axigen();
/** Connecto to axigen server */
$session->connect("IP", "CLIPORT", "ADMINUSER", "ADMINPASSWORD");

/** get all the domains from axigen server*/
$domains = $session->listDomains();

/** print the resulted array */
var_dump($domains);
?>
```

Result

this will print all the axigen registered domains:

```
array
 0 => 'localdomain1'
 1 => 'localdomain2'
```

Method Name: listDomainActivationRequests

Description: this method returns an array with domain activation requests

Return: array

Method Name: clearDomainActivationRequests

Description: this method clears the domain activation request list

Return: bool

Method Name: saveConfig

Description: this method saves the Axigen Configuration on disk

Return: bool

Method Name: axigenVersion

Description: this method returns the Axigen version

Return: string

Examples:

Example Connect to an axigen server and get server version

```
<?php
require_once("Axigen.php");

$session = new Axigen();
/** Connecto to axigen server */
$session->connect("IP", "CLIPORT", "ADMINUSER", "ADMINPASSWORD");

/** Get and print axigen version */
print $session->axigenVersion();
?>
```

Result

this will print something like:

```
6.1.1.23-win32
```

Method Name: changePassword

Description: this method changes the current user password

Return: bool

Parameters:

```
string : UserOldPassword ( Admin user old password )
string : UserNewPassword ( Admin user new password )
```

Method Name: unregisterDomain

Description: this method unregisters a domain from the server

Note: For the domain to be unregistered on server restart, you must save the server configuration ex: \$session->saveConfig()

Return: bool

Parameters:

```
string : DomainName ( The domain name that you want to unregister )
```

Method Name: getLastError

Description: this function returns an array with the last error

Return: array

Object: Cli
Parents:
Server->configCli

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the CLI service
set/get minConnThreads - the minimum number of threads involved in I/O for the CLI service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get maxAuthCommands - the maximum number of commands the CLI service performs before the user logs in
set/get logLevel - the log level for the CLI service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the CLI service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the CLI configuration on the Axigen server

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: stop

Description: This function stops the CLI service

Return: bool

Method Name: start

Description: This function starts the CLI service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: ContactInfo

Description: this is the object containing the contact info for the selected account

Parents:

Account->configContactInfo

Members:

set/get firstName - the first name for this user

set/get lastName - the last name for this user

set/get nickName - the nickname for this user

set/get personalEmail - the personal email address for this user

set/get businessEmail - the business email address for this user

set/get phone - the phone number for this user

set/get mobilePhone - the mobile phone number for this user

set/get homePhone - the home phone number for this user

set/get businessPhone - the business phone number for this user

set/get homeAddress - the home address for this user

set/get businessAddress - the business address for this user

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Debug

Object: Dnr Parents: Server->configDnr
--

Members:

set/get timeout - the default timeout nameservers have
set/get retries - the default number of retries nameservers have
set/get cacheSize - the cache size in KB for the DNR service
set/get logLevel - the log level for the DNR service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the DNR service

Method Name: save

Description: This function saves the DNR configuration on the Axigen server

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Return: bool

Method Name: stop

Return: bool

Method Name: addNameserver

Description: This function adds a nameserver to the DNR list

Return: bool

Parameters:

- String : address (the address of the nameserver)
- int : priority (the priority of the nameserver)
- int : timeout (the number of seconds a request answer is awaited)
- int : retries (the number of nameserver retries)

Method Name: removeNameserver

Description: This function removes a nameserver from the DNR list

Return: bool

Parameters:

- int : priority (the priority of the nameserver)

Method Name: listNameservers

Description: This function lists the nameservers from the DNR list

Return: Array

Method Name: updateNameserver

Description: This function updates a nameserver from the DNR list

Return: bool

Parameters:

- int : priority (the priority of the nameserver)
- String : newAddress (the new value of the address)
- int : newPriority (the new value of the priority)
- int : newTimeout (the new value of the timeout)
- int : newRetries (the new value of the number of retries)

Object: Domain

Description: this is the object containing the Axigen domain data for the selected domain

Parents:

Axigen->updateDomain

Members:

set/get name - the domain name
set/get assignedIp - the domain assigned IP
set/get appenderText - the domain appender text
set/get createUsersFromLdap - the auto create Ldap authenticated users (deprecated)
set/get enableSmtIncoming - SMTP Incoming status
set/get enableSmtOutgoing - SMTP Outgoing status
set/get enablePop3 - POP3 status
set/get enableRpop - RPOP status
set/get enableImap - IMAP status
set/get enableWebmail - Webmail status
set/get showWebmailLogin - displays this domain at Webmail login
set/get publishRcptContacts - switch indicating if domain recipients contacts are published
set/get enableAppender - the message appender
set/get catchAllType - the type of Catch-All behavior
set/get catchAllAccountName - the name of the account used to store all messages with unknown recipient
set/get catchAllFolderName - the name of the folder used to store all messages with unknown recipient
set/get enableLDAPSync - enables/disables LDAP-AXIGEN synchronization
set/get ldapSyncConnectorName - the name of the LDAP connector to use
get sharedFoldersNamespace - the shared folders namespace

Method Name: updateAccount

Description: this method returns an object with the selected account loaded

Parameters:

string : AccountName (this is the account name that will be loaded)

Method Name: updateGroup

Description: this method returns an object with the selected group loaded

Parameters:

string : GroupName (this is the group name that will be loaded)

Method Name: updateFolderRcpt

Description: this method returns an object with the selected Folder Rcpt loaded

Parameters:

string : FolderRcptName (this is the Folder Rcpt name that will be loaded)

Method Name: updateList

Description: this method returns an object with the selected MailList loaded

Parameters:

string : ListName (this is the list name that will be loaded)

Method Name: updateAccountClass

Description: this method returns an object with the selected account class loaded

Parameters:

string : AccountClassName (this is the account class name that will be loaded)

Method Name: configFilters

Description: This function returns an object of Filters type for the selected domain

Note: this filters apply at the domain level

Method Name: configAdminLimits

Description: This function returns an object of AdminLimits type for the selected domain

Method Name: configAccountDefaultFilters

Description: these filters are applied to the accounts that inherit filters from the domain Account Defaults Filters

Note: this filters are for the accounts that inherit filters from the domain Account Defaults Filters

Method Name: configAccountDefaultLimits

Description: these limits are applied to the accounts that inherit limits from the domain Account Defaults Limits

Note: this limits are for the accounts that inherit limits from the domain Account Defaults Limits

Method Name: configAccountDefaultQuotas

Description: these quotas are applied to the accounts that inherit quotas from the domain Account Defaults Quotas

Note: this quotas are for the accounts that inherit quotas from the domain Account Defaults Quotas

Method Name: configPublicFolder

Description: This function returns an object of PublicFolder type for the selected domain

Method Name: configAccountDefaultSendRecvRestrictions

Description: This function returns an object of SendRecvRestrictions type for the selected domain

Method Name: configMigrationData

Description: This function returns an object of MigrationData type for the selected domain

Method Name: listAccounts

Description: this method returns an array with the accounts' list filtered by a certain parameter

Return: array

Parameters:

string : AccountFilter (the account filter (ex: account*: will list all the accounts that start with account) (this parameter is optional))

Examples:

Example List all accounts from domain localdomain

```
<?php
require_once("Axigen.php");

$session = new Axigen();
/** Connecto to axigen server */
$session->connect("IP", "CLIPORT", "ADMINUSER", "ADMINPASSWORD");

/** Check if the domain exists */
$domains = $session->listDomains();
if(in_array("localdomain", $domains))
{
    $domainExists = true;
} else {
    print "The domain \"localdomain\" doesn't exist<br>";
    $domainExists = false;
}

/** If the domain exists, list all the accounts */
if($domainExists)
{
    /** load accounts list */
    $accounts = $session->updateDomain("localdomain")->listAccounts();

    /** print the resulted array */
    var_dump($accounts);
}
?>
```

Result

this will print the accounts from domain localdomain:

```
array
  0 => 'postmaster'
  1 => 'user1'
  2 => 'user2'
```

Method Name: listActiveSyncAccounts

Description: this method returns an array with ActiveSync? accounts' list filtered by a certain parameter

Return: array

Parameters:

string : ActiveSyncAccountFilter (the ActiveSync? account filter (ex: account*: will list all the accounts that start with account) (this parameter is optional))

Method Name: listAliases

Description: this method returns an array with all the domain aliases

Return: array

Method Name: listGroups

Description: this method returns an array with the groups list filtered by a certain parameter

Return: array

Parameters:

string : GroupFilter (the group filter (ex: group*: will list all the groups that start with group) (this parameter is optional))

Method Name: listFolderRcpts

Description: this method returns an array with a folderRcpts list filtered by a certain parameter

Return: array

Parameters:

string : FolderRcptFilter (the folderRcpt filter (ex: folderRcpt*: will list all the folderRcpts that start with folderRcpt) (this parameter is optional))

Method Name: listLists

Description: this method returns an array with a groups list filtered by a certain parameter

Return: array

Parameters:

string : ListsFilter (the Lists filter (ex: list*: will list all the Lists that start with list) (this parameter is optional))

Method Name: listAccountClasses

Description: this method returns an array with an account Classes list filtered by a certain parameter

Return: array

Parameters:

string : AccountClassesFilter (the AccountClasses filter (ex: accountclass*: will list all the AccountClasses that start with accountclass) (this parameter is optional))

Method Name: registryInformation

Description: this method returns an array with domain Registry Information

Return: array

Method Name: storageInformation

Description: this method returns an array with domain Storage Information

Return: array

Method Name: addAccount

Description: this method adds an account to the domain

Return: bool

Parameters:

string : AccountName (this is the name for the new account)

string : AccountPassword (this is the password for the new account)

Method Name: removeActiveSyncAccount

Description: this method removes an activeSyncAccount from the domain

Return: bool

Parameters:

string : AccountName (this is the account name that will have ActiveSync? removed)

Method Name: removeAccount

Description: this method removes an account from the domain

Return: bool

Parameters:

string : AccountName (this is the account name that will be removed from the domain)

Method Name: addGroup

Description: this method adds a new Group to the domain

Return: bool

Parameters:

: GroupName ()

Method Name: removeGroup

Description: this method removes a group from the domain

Return: bool

Parameters:

string : GroupName (this is the group name that will be removed from the domain)

Method Name: addFolderRcpt

Description: this method adds a new FolderRcpt to the domain

Return: bool

Parameters:

string : FolderRcptName (this is the FolderRcpt name that will be added to the domain)

Method Name: removeFolderRcpt

Description: this method removes a FolderRcpt from the domain

Return: bool

Parameters:

string : FolderRcptName (this is the folderRcpt name that will be removed from the domain)

Method Name: addList

Description: this method adds a new List to the domain

Return: bool

Parameters:

string : ListName (this is the list name that will be added to the domain)

string : ListPassword (this is the list password)

string : ListAdminEmail (this is the list admin email address)

Method Name: removeList

Description: this method removes a List from the domain

Return: bool

Parameters:

string : ListName (this is the list name that will be removed from the domain)

Method Name: addAccountClass

Description: this method adds a new Account Class to the domain

Return: bool

Parameters:

string : AccountClassName (this is the account class name that will be added to the domain)

Method Name: removeAccountClass

Description: this method removes an Account Class from the domain

Return: bool

Parameters:

string : AccountClassName (this is the account class name that will be removed from the domain)

Method Name: addAlias

Description: this method adds a new Alias to the domain

Return: bool

Parameters:

string : AliasName (this is the alias name that will be added to the domain)

Method Name: removeAlias

Description: this method removes an Alias from the domain

Return: bool

Parameters:

string : AliasName (this is the alias name that will be removed from the domain)

Method Name: listStorages

Description: lists all the storages registered on AXIGEN for this domain

Return: array

Method Name: upgradeStorage

Description: upgrades the storage representation of configuration data and folders to the latest version

Return: bool

Parameters:

bool : Forced (forced upgrade (optional))

Method Name: repairAccounts

Description: tries to recover lost accounts; the function will return the name of the newly-created account

Return: string

Parameters:

string : AccountName (the account name that the server will try to repair)

Method Name: migrateAccount

Description: migrates an account from another server to a local account

Return: bool

Parameters:

string : LocalAccount (the account name for migration)

string : RemoteHost (the host of the migration server)

int : RemotePort (the IMAP port of the migration server)

string : RemoteUser (the IMAP username of the migration server)

string : RemoteUserPassword (the IMAP password of the migration server)

string/array : IgnoreFolders (specifies a list of folders which will not be migrated (string for one folder or an array for one or more) (optional parameter))

bool : OverrideQuota (specifies if the mailbox quota should be overwritten (default: no) (optional parameter))

bool : DeleteOriginal (enables/disables the deletion of all migrated messages on the remote server (default: no) (optional parameter))

bool : StructureOnly (enables migration for the directory structure only (default: no) (optional parameter))

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: DomainRegistration

Parents:

Axigen->registerDomain

Axigen->createDomain

Axigen->createSubDomain

Members:

set/get name - domain name (available only on domain creation)

set postmasterPassword - the password to the postmaster account (not available on domain registration)

set/get domainLocation - the domain storage location

set/get domainObjectsLocation - the domain objects (eg: accounts, maillists etc.) storage location

set/get maclSupport - enable/disable MACL support for this domain

set/get prefix - sub-domain name (prefix for the domain) (available only on sub-domain creation)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Method Name: listMessageStorageLocation

Description: list the domain messages storage location

Return: array

Method Name: addMessagesLocation

Description: adds a messages storage location

Return: bool

Parameters:

string : Path (the path to the messages storage)

Method Name: removeMessagesLocation

Description: removes a messages storage location

Return: bool

Parameters:

string : Path (the path to the messages storage)

Object: Filters

Description: this object contains the Filters data

Parents:

Account->configFilters
AccountClass->configFilters
Domain->configFilters
Domain->configAccountDefaultFilters
FolderRcpt->configFilters
Group->configFilters
MailList->configFilters
Server->configFilters

Method Name: updateScriptFilter

Description: this method returns an object of ScriptFilters type for the selected filter

Parameters:

string : ScripFilterName (the name of the filter)

Method Name: updateSocketFilter

Description: this method returns an object of SocketFilters type for the selected filter

Parameters:

string : SocketFilterName (the name of the filter)

Method Name: updateActiveFilter

Description: this method returns an object of ActiveFilters type for the selected filter

Parameters:

int : ActiveFilterPriority (the priority of the filter)

Method Name: listScriptFilters

Description: returns an array with all the script filters

Return: array

Method Name: addScriptFilter

Description: this method adds a script filter

Return: bool

Parameters:

string : ScriptFilterName (the name of the filter)
string : ScriptFilterFile (the path to the file where the script is located)

Method Name: removeScriptFilter

Description: this method removes a script filter

Return: bool

Parameters:

string : ScriptFilterName (the name of the filter)

Method Name: listSocketFilters

Description: returns an array with all the socket filters

Return: array

Method Name: addSocketFilter

Description: this method adds a socket filter

Return: bool

Parameters:

string : SocketFilterName (the name of the filter)
string : SocketAddress (the address of the filter, used to communicate with the filter)
string : SocketProtocolFile (the path to the ASFL file that describes the communication protocol)

Method Name: removeSocketFilter

Description: this method removes a script filter

Return: bool

Parameters:

string : SocketFilterName (the name of the filter)

Method Name: listActiveFilters

Description: returns an array with all the active filters

Return: array

Method Name: addActiveFilter

Description: this method adds an active filter

Return: bool

Parameters:

int : ActiveFilterPriority (the priority of the filter)

string : ActiveFilterName (the name of the filter as defined in the socket/script object sets)

string : ActiveFilterType (type of the filter (to which object set belongs) (type: socket/script))

Method Name: removeActiveFilter

Description: this method removes an active filter

Return: bool

Parameters:

int : ActiveFilterPriority (the priority of the filter)

Method Name: isInherited

Description: checks if the filters are inherited

Return: int (1 if the value is inherited, 0 if not, or -1 if this does not apply to the current filters object)

Method Name: inherit

Description: set filters to be inherited from a selected source

Return: bool

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: FolderRcpt

Description: this is the object containing the Folder Rcpt data for the selected domain

Parents:

Domain->updateFolderRcpt

Members:

set/get name - the folder recipient's name

set/get mboxName - the mbox name set for this folder recipient

set/get enable - the enabled/disabled status for the folder recipient

Method Name: configFilters

Description: This function returns an object of Filters type for the selected folderrcpt

Method Name: registryInformation

Description: this method returns an array with folderrcpt Registry Information

Return: array

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: FtpBackup
Parents:
Server->configFtpBackup

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the Ftp Backup&Restore service

set/get minConnThreads - the minimum number of threads involved in I/O for the Ftp Backup&Restore service

set/get maxErrors - the maximum number of protocol errors after which the connection is terminated

set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated

set/get logLevel - the log level for the FTP Backup&Restore service

set/get logHost - the address of the host that offers log services

set/get logType - the log type for the FTP Backup&Restore service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the Ftp Backup&Restore configuration on the Axigen server

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the FTP Backup&Restore service

Return: bool

Method Name: stop

Description: This function stops the FTP Backup&Restore service

Return: bool

Method Name: getAccessControl

Description: This function returns an access control object for this service

Return: AccessControl

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: Group

Description: this object contains the Group data for the selected group

Parents:

Domain->updateGroup

Members:

set/get name - the group's name - only usable in an UPDATE operation

set/get enable - the enabled/disabled status for the group

Method Name: configFilters

Description: this method returns an object of Filters type for the selected group

Method Name: listAddresses

Description: returns an array with addresses for the current group

Return: array

Method Name: addAddress

Description: adds an address for the group

Return: bool

Parameters:

string : Address (The new address)

Method Name: removeAddress

Description: removes an address from the group

Return: bool

Parameters:

string : Address (The address to be removed from group)

Method Name: registryInformation

Description: returns an array with registry information

Return: array

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Imap
Parents:
Server->configImap

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the IMAP service
set/get minConnThreads - the minimum number of threads involved in I/O for the IMAP service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get allowStartTls - the secure connection (which start with STARTTLS)
set/get secureConnectionAllowLogin - if plain text authentication is allowed on secure connections
set/get secureConnectionAuthTypes - the allowed authentication methods on a secure connection
set/get plainConnectionAuthTypes - the allowed authentication methods on a plain connection
set/get plainConnectionAllowLogin - if plain text authentication is allowed on plain connections
set/get userdbConnectorType - the userdb connector type
set/get userdbConnectorName - the userdb connector name
set/get logLevel - the log level for the IMAP service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the IMAP service
set/get greetingsText - the greeting text for this service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the IMAP configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the IMAP service

Return: bool

Method Name: stop

Description: This function stops the IMAP service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: ImapProxy
Parents:
Server->configImapProxy

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the IMAP Proxy service
set/get minConnThreads - the minimum number of threads involved in I/O for the IMAP Proxy service
set/get maxErrors - the maximum protocol errors number after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get allowStartTls - the secure connection (which start with STARTTLS)
set/get authenticateOnProxy - if the authentication should be also done on proxy
set/get mappingDataUsermapName - the mapping usermap name for the proxy
set/get mappingDataMappingHost - the mapping data host for the proxy
set/get mappingDataMappingPort - the mapping data port for the proxy
set/get connectionDataTimeout - the timeout for the read/write operation
set/get connectionDataMaxConnections - the maximum number of simultaneous connections
set/get connectionDataSslEnable - if the connection should be SSL
set/get connectionDataLocalInterface - the address of the interface used to make the connections
set/get userdbConnectorType - the userdb connector type
set/get userdbConnectorName - the userdb connector name
set/get logLevel - the log level for the IMAP Proxy service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the IMAP Proxy service
set/get greetingsText - the greeting text for this service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the IMAP Proxy configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the IMAP service

Return: bool

Method Name: stop

Description: This function stops the IMAP service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: LdapConnector

Parents:

UserDb->updateLdapConnector

Members:

set/get name - the Ldap connector name.
set/get hostUrl - the Ldap host URL (deprecated)
set/get bindDN - the distinguished name for binding
set/get bindPass - the password for binding
set/get searchBase - the formatted string with the base where to search for the user (deprecated)
set/get searchPattern - the formatted string with the user search pattern (deprecated)
set/get passwordField - the name of the field containing the password (deprecated)
set/get axigenHostField - the name of the field containing the Axigen server hostname
set/get useFirst - the first returned field to be used if more are found (deprecated)
set/get ldapURI1 - the first URI to use
set/get ldapURI2 - the second URI to use
set/get ldapURI3 - the third URI to use
set/get ldapURI4 - the fourth URI to use
set/get ldapURI5 - the fifth URI to use
set/get synchronizationDirection - <choice> - values: axigenToLdap | ldapToAxigen | bothWays
set/get synchronizationConflictResolution - <choice> - values: axigenWins | ldapWins | noChange
set/get serverType - <choice> - values: OpenLdap | ActiveDirectory
set/get timeout - the connection timeout
set/get accountBaseDN - the account base DN
set/get groupBaseDN - the group base DN
set/get useCustomSchema - the enable/disable usage of a custom schema
set/get customSchemaFile - <path> to the custom schema file
set/get pollingInterval - the interval to check for changes in Ldap
set/get transientErrorRetryInterval - retry interval for temporary errors

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Limits

Description: this object contains the Limits data

Parents:

Account->configLimits

AccountClass->configLimits

Domain->configAccountDefaultLimits

MailList->configLimits

Members:

set/get sentMessagesCount - the maximum number of mails a user can send in a specified interval
set/get sentMessagesSize - the maximum size of mails a user can send in a specified interval
set/get sentMessagesInterval - the specified interval in seconds
set/get pop3ConnectionCount - the number of simultaneous POP3 connections
set/get imapConnectionCount - the number of simultaneous IMAP connections
set/get webmailRcptCount - the maximum number of recipients for an email composed using Webmail
set/get webmailSessionCount - the maximum simultaneous Webmail sessions
set/get webmailAttSize - the size limit of an attachment that can be uploaded using Webmail
set/get webmailAttCount - the maximum number of attachments for a mail composed in Webmail
set/get webmailMessageSize - the size limit for a mail (body + attachments) composed in Webmail
set/get rpopConnectionCount - the maximum number of RPOP connections a user is allowed to define
set/get rpopRetrievalInterval - the minimum time interval (in minutes) between two RPOP retrievals on the same connection
set/get maillistUserCount -
set/get passwordEnforcementEnabled - the enabled/disabled status for the Password Enforcement policy
set/get minimumPasswordLength - the minimum size of the password
set/get maximumPasswordLength - the maximum size of the password
set/get requiredPasswordCharacters - the required characters for setting a password
set/get htmlFilterLevel - the security level for a HTML mail body (0-3)
set/get temporaryAliasesCount - the temporary email address count limit
set/get temporaryAliasesInterval - the temporary email address duration limit
set/get enableProcessing - the enabled/disabled status for Processing
set/get enableSmtIncoming - the enabled/disabled status for SMTP Incoming
set/get enableSmtOutgoing - the enabled/disabled status for SMTP Outgoing
set/get enablePop3 - the enabled/disabled status for POP3
set/get enablePop3Proxy - the enabled/disabled status for POP3 Proxy
set/get enableRpop - the enabled/disabled status for RPOP
set/get enableImap - the enabled/disabled status for IMAP
set/get enableImapProxy - the enabled/disabled status for IMAP Proxy
set/get enableWebmail - the enabled/disabled status for Webmail
set/get enableWebmailProxy - the enabled/disabled status for Webmail Proxy
set/get enableCli - the enabled/disabled status for CLI
set/get enableLog - the enabled/disabled status for Log
set/get enableReporting - the enabled/disabled status for Reporting
set/get enableFtpBackup - the enabled/disabled status for Ftp Backup
set/get enableActiveSync - enable/disable ActiveSync?
set/get activeSyncOptions - ActiveSync? options. Values: email contact pim (separated by space)

Method Name: isInherited

Description: checks if the variable is inherited

Note: returns (1 if the value is inherited, 0 if not, or -1 if this does not apply to the current limits object)

Return: int

Parameters:

string : VariableName (the variable)

Method Name: inherit

Description: the variable to inherit from selected source

Return: bool

Parameters:

string : VariableName (the variable)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Listener
Parents:
Cli->updateListener
FtpBackup->updateListener
Imap->updateListener
ImapProxy->updateListener
Pop3->updateListener
Pop3Proxy->updateListener
Report->updateListener
SmtIn->updateListener
Webadmin->updateListener
Webmail->updateListener
WebmailProxy->updateListener

Members:

set/get address - the listener's address
set/get enable - the enabled/disabled status of the listener
set/get maxConnections - the maximum number of connections
set/get timeInterval - the time interval
set/get maxIntervalConnections - the maximum number of connections in a time interval
set/get peerMaxConnections - the maximum number of connections from a single host
set/get peerTimeInterval - the time interval - single host
set/get peerMaxIntervalConnections - the maximum number of connections in a time interval - single host
set/get idleTimeout - the inactivity timeout
set/get sslEnable - SSL as enabled/disabled on the listener
set/get listenerDomain - the domain of the listener

Method Name: configSslControl

Description: this method returns an object to configure SSL control for the listener

Method Name: updateAllowRule

Description: this method returns an object with allow rule loaded

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))

Method Name: listAllowRules

Description: returns an array with all the allow rules

Return: array

Method Name: listDenyRules

Description: returns an array with all the deny rules

Return: array

Method Name: addDenyRule

Description: adds a deny rule

Return: bool

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))

string (yes/no) : RuleEnable (enables rule (optional default: yes))

int : RulePriority (rule priority (optional default: auto))

Method Name: removeDenyRule

Description: removes a deny rule

Return: bool

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))

Method Name: updateDenyRule

Description: this method updates a deny rule

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))

string (yes/no) : Enable (sets the enable/disabled status of the rule)

int : Priority (sets the rule priority)

Method Name: addAllowRule

Description: adds an allow rule

Return: bool

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))

string (yes/no) : RuleEnable (enables rule (optional default: yes))

int : RulePriority (rule priority (optional default: auto))

Method Name: removeAllowRule

Description: removes an allow rule

Return: bool

Parameters:

string : IpRangeNetwork (IP range or network/mask (ex: 1.2.3.4-1.2.3.5 or 1.2.3.0/255.255.255.0))

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Log
Parents:
Server->configLog

Members:

set/get logLevel - the log level for the Log service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the Log service
set/get path - the path for log service

Method Name: updateListener

Description: This function updates a listener from this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: save

Description: This function saves the Log configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the Log service

Return: bool

Method Name: stop

Description: This function stops the Log service

Return: bool

Method Name: listRules

Description: This method lists the log rules

Return: array

Method Name: addLogRule

Description: This function adds a log rule to the log service

Return: bool

Parameters:

int : priority (the priority of the log rule)

string : hostname (the logging host address for this log rule. It will be used if the log type is remote)

string : module (The 'value' parameter can be "*" meaning every module or "pop3" for the pop3 module or "pop3 imap" for the POP3&IMAP modules)

int : level (the log level for this rule)

string : fileName (the file path for the logging file)

int : fileSize (the maximum file size for the log file)

int : fileTime (the maximum duration for the log file)

int : fileCount (the maximum number of old log files that will be kept)

string : rotatePeriod (the log rotate period. This will be override the log file file_time. Accepted values for the 'value' parameters are: "none", "day", "week" or "month")

string : type (the type of the rule (choice: local|remote))

Method Name: updateRule

Description: This function adds a log rule to the log service

Return: bool

Parameters:

int : RulePriority (the priority of the log rule that you want to change)

int : priority (the priority of the log rule)

string : hostname (the logging host address for this log rule. It will be used if the log type is remote)

string : module (The 'value' parameter can be "*" meaning every module or "pop3" for the pop3 module or "pop3 imap" for the POP3&IMAP modules)

int : level (the log level for this rule)

string : fileName (the file path for the logging file)

int : fileSize (the maximum file size for the log file)

int : fileTime (the maximum duration for the log file)

int : fileCount (the maximum number of old log files that will be kept)

string : rotatePeriod (the log rotate period. This will be override the log file file_time. Accepted values for the 'value' parameters are: "none", "day", "week" or "month")

string : type (the type of the rule (choice: local|remote))

Method Name: removeRule

Description: removes a log rule

Return: bool

Parameters:

int : RulePriority (the rule priority)

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:2001))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: MailList

Description: this is the object containing the list data for the selected mail list

Parents:

Domain->updateList

Members:

set/get name - the name of the list

set password - the list's mailbox access password

set/get subscribeRcpt - the RCPT used for subscription

set/get unsubscribeRcpt - the RCPT used for unsubscription

set/get requestRcpt - the RCPT used for making a request

set/get enabledRcpts - the RCPTs enabled for this list

set/get description - the description of the list

set/get adminConfirm - the adminConfirm parameter

set/get senderAllow - the senderAllow parameter

set/get moderate - the moderate parameter

set/get ctypeAllow - the ctypeAllow parameter

set/get adminEmail - the email for the admin

set/get addHeader - the headers that will be added to the mail

set/get bodyBegin - the text that will be inserted before the body

set/get bodyEnd - the text that will be added to the body of the mail

set/get unknownCommand - the description of the error in case of an unknown command

set/get invalidUserName - the description of the error in case of an invalid user name

set/get notAUser - the description of the error in case the user does not belong to the list

set/get badConfirmation - the description of the error in case of a bad confirmation

set/get userAlreadySubscribed - the description of the error in case the user already exists

set/get invalidFormat - the description of the error in case of an invalid format

set/get requestNeedsConfirmation - the template that will ask the user for a confirmation

set/get requestNeedsAdminConfirmation - the template that will tell the user to wait for the admin's confirmation

set/get autoRejectResponse - the template that will tell the user that his mail is rejected

set/get welcome - the template that will tell the user that he has been created

set/get goodbye - the template that will tell the user that he has been deleted

set/get subscribeDenied - the template that will tell the user that he has not been created

set/get enableSmtIncoming - the enabled/disabled status for SMTP Incoming

set/get enableSmtOutgoing - the enabled/disabled status for SMTP Outgoing

set/get enablePop3 - the enabled/disabled status for POP3

set/get enableImap - the enabled/disabled status for IMAP

set/get enableWebmail - the enabled/disabled status for Webmail

set/get enableRpop - the enabled/disabled status for RPOP

Method Name: configWebmailData

Description: this method returns an object of WebmailData for the selected list

Method Name: configFilters

Description: this method returns an object of Filters for the selected list

Method Name: configQuotas

Description: this method returns an object of Quotas for the selected list

Method Name: configLimits

Description: this method returns an object of Limits for the selected list

Method Name: listUsers

Description: lists the available users for this list

Return: array

Method Name: listRemoveHeaders

Description: shows the list of headers that will be removed from a mail

Return: array

Method Name: registryInformation

Description: shows registry information

Return: array

Method Name: addUser

Description: adds a user to the list

Return: bool

Parameters:

string : userEmail (New user email address)

string : userName (New user name)

Method Name: removeUser

Description: removes an user from the list

Return: bool

Parameters:

string : UserEmail (User email address to be removed)

Method Name: updateUser

Description: updates a user name

Return: bool

Parameters:

string : UserEmail (User email address to be updated)

string : NewName ()

Method Name: addRemoveHeader

Description: adds a header to the list of headers to be removed

Return: bool

Parameters:

string : Header (Header to be added to the list)

Method Name: removeRemoveHeader

Description: removes a header from the list of headers to be removed

Return: bool

Parameters:

string : Header (Header to be removed from the list)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Message

Object: MigrationData

Description: this is the object containing the Migration Data for the selected domain

Parents:

Domain->configMigrationData

Members:

set/get enable - the enabled status for the migration of accounts from this domain

set/get remoteImapHost - the name of the remote IMAP machine from which the domain's accounts are migrated

set/get remoteImapPort - the IMAP server's port on the remote machine

set/get remoteSmtphost - the name of the remote SMTP machine from which the domain's accounts are migrated

set/get remoteSmtport - the SMTP server's port on the remote machine

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Permissions

Parents:

AdminGroup->getEffectivePermissions

AdminGroup->getPermissions

AdminUser->getEffectivePermissions

AdminUser->getPermissions

Method Name: save

Description: saves permissions

Method Name: denyPermission

Description: denies permission for the selected user or group

Note: is not available for effective permissions

Parameters:

string : PermissionName (the permission name)

Method Name: revokePermission

Description: revokes permission for the selected user or group

Note: is not available for effective permissions

Parameters:

string : PermissionName (the permission name)

Method Name: grantPermission

Description: grants a permission for the selected user or group

Note: is not available for effective permissions

Parameters:

string : PermissionName (the permission name)

Method Name: showPermissions

Description: shows permissions for the selected user/group

Return: array

Object: Pop3
Parents:
Server->configPop3

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the POP3 service
set/get minConnThreads - the minimum number of threads involved in I/O for the POP3 service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get allowStartTls - the secure connection (which starts with STARTTLS)
set/get secureConnectionAllowLogin - if plain text authentication is allowed on secure connections
set/get secureConnectionAuthTypes - the allowed authentication methods on a secure connection
set/get plainConnectionAuthTypes - the allowed authentication methods on a plain connection
set/get plainConnectionAllowLogin - if plain text authentication is allowed on plain connections
set/get userdbConnectorType - the userdb connector type
set/get userdbConnectorName - the userdb connector name
set/get logLevel - the log level for the POP3 service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the POP3 service
set/get greetingsText - the greeting text for this service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the POP3 configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the POP3 service

Return: bool

Method Name: stop

Description: This function stops the POP3 service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: Pop3Proxy
Parents:
Server->configPop3Proxy

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the POP3 service
set/get minConnThreads - the minimum number of threads involved in I/O for the POP3 service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get allowStartTls - the secure connection (which starts with STARTTLS)
set/get authenticateOnProxy - if the authentication should be also done on proxy
set/get mappingDataUsermapName - the mapping usermap name for the proxy
set/get mappingDataMappingHost - the mapping data host for the proxy
set/get mappingDataMappingPort - the mapping data port for the proxy
set/get connectionDataTimeout - the timeout for the read/write operation
set/get connectionDataMaxConnections - the maximum number of simultaneous connections
set/get connectionDataSslEnable - if the connection should be SSL
set/get connectionDataLocalInterface - the address of the interface used to make the connections
set/get userdbConnectorType - the userdb connector type
set/get userdbConnectorName - the userdb connector name
set/get logLevel - the log level for the POP3 Proxy service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the POP3 Proxy service
set/get greetingsText - the greeting text for this service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the POP3 Proxy configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the POP3 service

Return: bool

Method Name: stop

Description: This function stops the POP3 service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: Processing Parents: Server->configProcessing
--

Members:

set/get maxMailScheduleInterval - the maximum interval for email rescheduling in case of a delivery error (in seconds)
set/get queueScheduleInterval - the interval for queue checking
set/get maxRetryCount - the maximum number of retries to deliver an email
set/get deliveryThreads - the number of email delivery threads
set/get internalQueueSize - the internal processing queue size (in number of messages)
set/get messagesPerSecond - the maximum number of emails that a mailbox (folder) is allowed to receive in one second
set/get mailboxDisableInterval - the number of seconds a mailbox (folder) is disabled if the "messages per second" limit is disabled
set/get maxDirectoryCount - the maximum number of directories in the queue directory
set/get queuePath - the path of the queue directory
set/get logLevel - the log level for the processing service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the processing service
set/get filteringThreads - number of threads handling the message filtering

Method Name: save

Description: This function saves the processing configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Object: PublicFolder
Description: this object contains the Public Folder data
Parents:
Domain->configPublicFolder

Members:

set/get name - the name of the public folder

Method Name: configQuotas

Description: this method returns quotas object

Method Name: listMboxes

Description: this method returns an array with all the mboxes

Return: array

Method Name: addMbox

Description: this method adds a new Mbox

Return: bool

Parameters:

string : MboxName (The new mbox name)

Method Name: removeMbox

Description: this method removes a mbox

Return: bool

Parameters:

string : MboxName (The mbox name to be removed)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Queue
Parents:
Axigen->viewQueue

Method Name: listQueueEMails

Description: returns an array with all the emails from the queue

Return: array

Method Name: clearFilters

Description: clears the already set filters

Return: bool

Method Name: imposeSizeRestriction

Description: sets the filter size restriction

Return: bool

Parameters:

- int : MessageSize (the message size)
- string : CompareType (type of comparison (equal , less, more))
- string : MessageSizeType (type of size (B - bytes, KB - kilobytes, MB - megabytes))

Method Name: imposeStatusRestriction

Description: sets the filter status restriction

Return: bool

Parameters:

string : EmailStatus (the email status ("SEND FAILURE", "PROCESSING ERROR", "RELAY ERROR", "LOCAL ERROR", "FILTER REJECT", "FILTER DISCARD"))

Method Name: imposeAgeRestriction

Description: sets the filter age restriction

Return: bool

Parameters:

- int : Days (number of days)
- int : Hours (number of hours)
- int : Minutes (number of minutes)
- int : Seconds (number of seconds)
- string : CompareType (type of comparison (equal , less, more))

Method Name: imposeRetriesRestriction

Description: sets the filter retries restriction

Return: bool

Parameters:

- int : NrOfRetries (number of retries)
- string : CompareType (type of comparison (equal , less, more))

Method Name: imposeNextScheduleRestriction

Description: sets the filter next schedule restriction

Return: bool

Parameters:

- string : Date (next schedule date (ex: 2 Jan 2007 17:34))
- string : CompareType (type of comparison (equal , less, more))

Method Name: imposeSenderRestriction

Description: sets the filter sender restriction

Return: bool

Parameters:

- string : Sender (the Sender to filter)
- string : CompareType (type of comparison (equal , not equal))

Method Name: imposeRecipientRestriction

Description: sets the filter recipient restriction

Return: bool

Parameters:

- string : Recipient (the Recipient to filter)
- string : CompareType (type of comparison (equal , not equal))

Method Name: deleteFilteredEmails

Description: applies a delete action to filtered emails

Return: bool

Method Name: sendNDRFilteredEmails

Description: applies a NDR action to filtered emails

Return: bool

Method Name: retryFilteredEmails

Description: applies a retry action to filtered emails

Return: bool

Method Name: listFilteredEMails

Description: returns an array with emails filtered by already set filters

Return: array

Method Name: forceQueueDelivery

Description: this method forces the emails queue delivery

Return: bool

Method Name: retryQueueEMail

Description: this method tells Axigen to retry sending the mailId

Return: bool

Parameters:

int : MailID (the mail it to retry)

Method Name: sendNDRQueueEMail

Description: this method tells Axigen to send NDR to the mailId

Return: bool

Parameters:

int : MailID (the mail it to send NDR)

Method Name: deleteQueueEMail

Description: this method tells Axigen to delete the mailId

Return: bool

Parameters:

int : MailID (the mailId to delete)

Object: Quotas

Description: this object contains the Quotas data

Parents:

Account->configQuotas

AccountClass->configQuotas

Domain->configAccountDefaultQuotas

MailList->configQuotas

PublicFolder->configQuotas

Members:

set/get mboxCount - the maximum number of folders

set/get totalMessageCount - the maximum number of messages in all folders

set/get totalMessageSize - the maximum size (in KB) of all messages in all folders

set/get messageCount - the default maximum number of messages in a folder

set/get messageSize - the default maximum size (in KB) of messages in a folder

set/get limitThreshold - percent of quota which triggers an alert

set/get limitNotificationInterval - the minimum interval (in minutes) between two quota limit notifications

set/get limitNotificationEnabled - enabled/disabled the quota limit notification

set/get limitNotificationSubject - email subject of quota limit notification message

set/get limitNotificationBody - email body of quota limit notification message

Method Name: isInherited

Description: check if the variable is inherited

Return: int (1 if the value is inherited, 0 if not, or -1 if this does not apply to the current quota object)

Parameters:

string : VariableName (the variable)

Method Name: inherit

Description: sets the variable to inherit from the selected source

Return: bool

Parameters:

string : VariableName (the variable)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Method Name: listMboxes

Description: this method returns an array with all the mboxes and their quotas

Return: array

Method Name: setMboxQuota

Description: this method sets quota on a mbox

Return: bool

Parameters:

string : MboxName (the mbox name where you want to change quotas)

double : QuotaMessageCount (the new message count quota)

double : QuotaMessageSize (the new message size quota)

Method Name: showMboxQuota

Description: this method returns an array with selected mbox quota

Return: array

Parameters:

string : MboxName (the mbox name from where you want to retrieve quotas)

Object: Report
Parents:
Server->configReport

Members:

set/get DomainEnable - Enabled/Disabled Domain Collecting
set/get DomainObjectEnable - Enabled/Disabled Domain Objects Collecting
set/get reportingInterval - Collect samples every (values: 0-5844 days)
set/get logLevel - the log level for the Reporting service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the Reporting service
set/get SNMPEnable - the SNMP service as enabled
set/get SNMPSentTrapsToAllManagers -
set/get SNMPCommunity -

Method Name: updateListener

Description: This function updates a listener from this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: save

Description: This function saves the Reporting configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the Reporting service

Return: bool

Method Name: stop

Description: This function stops the Reporting service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Method Name: listSNMPTrapDestinations

Description: lists available SNMP trap destinations

Return: array

Method Name: addSNMPTrapDestination

Description: adds a SNMP trap destination to the service

Return: bool

Parameters:

string : Address (SNMP Trap Destination Address)

Method Name: removeSNMPTrapDestination

Description: removes a SNMP trap destination from the service

Return: bool

Parameters:

string : Address (SNMP Trap Destination Address)

Object: Rpop Parents: Server->configRpop
--

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the RPOP service

set/get minConnThreads - the minimum number of threads involved in I/O for the RPOP service

set/get logLevel - the log level for the RPOP service

set/get logHost - the address of the host that offers log services

set/get logType - the log type for the RPOP service

Method Name: save

Description: This function saves the RPOP configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the RPOP service

Return: bool

Method Name: stop

Description: This function stops the RPOP service

Return: bool

Object: ScriptFilters

Description: this is the object containing the scriptfilters data for the selected filter

Parents:

Filters->updateScriptFilter

Members:

set/get name - gets the name of the filter

set/get type - gets the type of the script filter

set/get file - gets the path to the file where the script is located

Method Name: uploadFilter

Description: uploads a SIEVE filter to the Axigen server with the name pointed by the selected scriptfilter file name

Return: bool

Parameters:

string : FilterData (the filter data that you want to upload)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: SendRecvRestrictions

Parents:

Account->configSendRecvRestrictions

AccountClass->configSendRecvRestrictions

Domain->configAccountDefaultSendRecvRestrictions

Members:

set/get enableSendRestrictions - enable/disable sending restrictions

set/get sendPolicy - values: 1 - accept | 0 - reject

set/get enableRecvRestrictions - enable/disable receiving restrictions

set/get recvPolicy - values: 1 - accept | 0 - reject

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Method Name: listSendPolicyExceptions

Description: list send policy exceptions

Return: array

Method Name: listRecvPolicyExceptions

Description: list receiving policy exceptions

Return: array

Method Name: addSendPolicyException

Description: adds send policy exceptions

Return: bool

Parameters:

string : String (the send policy exception string)

Method Name: addRecvPolicyException

Description: adds receive policy exceptions

Return: bool

Parameters:

string : String (the receive policy exception string)

Method Name: removeSendPolicyException

Description: removes send policy exceptions

Return: bool

Parameters:

string : String (the send policy exception string)

Method Name: removeRecvPolicyException

Description: removes receive policy exceptions

Return: bool

Parameters:

string : String (the receive policy exception string)

Object: Server
Parents:
Axigen->configServer

Members:

set/get primaryDomain - the name of the Axigen primary domain
set/get sslRandomFile - the path to the SSL random file
set/get enableIOSynchronization - the enabled/disabled status for I/O sync
set/get enableProcessing - the enabled/disabled status for Processing
set/get enableSmtIncoming - the enabled/disabled status for SMTP Incoming
set/get enableSmtOutgoing - the enabled/disabled status for SMTP Outgoing
set/get enablePop3 - the enabled/disabled status for POP3
set/get enablePop3Proxy - the enabled/disabled status for POP3 Proxy
set/get enableRpop - the enabled/disabled status for RPOP
set/get enableImap - the enabled/disabled status for IMAP
set/get enableImapProxy - the enabled/disabled status for IMAP Proxy
set/get enableWebmail - the enabled/disabled status for Webmail
set/get enableWebmailProxy - the enabled/disabled status for Webmail Proxy
set/get enableCli - the enabled/disabled status for CLI
set/get enableLog - the enabled/disabled status for Log
set/get enableReporting - the enabled/disabled status for Reporting
set/get enableFtpBackup - the enabled/disabled status for Ftp Backup

Method Name: configFilters

Description: this method returns an object of Filters for the selected server

Method Name: configLog

Description: this method returns an object of Log for the selected server

Method Name: configCli

Description: this method returns an object of CLI for the selected server

Method Name: configRpop

Description: this method returns an object of RPOP for the selected server

Method Name: configSmtIn

Description: this method returns an object of SmtIn for the selected server

Method Name: configSmtOut

Description: this method returns an object of SmtOut for the selected server

Method Name: configProcessing

Description: this method returns an object of Processing for the selected server

Method Name: configPop3

Description: this method returns an object of POP3 for the selected server

Method Name: configImap

Description: this method returns an object of IMAP for the selected server

Method Name: configWebmail

Description: this method returns an object of Webmail for the selected server

Method Name: configWebadmin

Description: this method returns an object of Webadmin for the selected server

Method Name: configFtpBackup

Description: this method returns an object of FtpBackup for the selected server

Method Name: configDnr

Description: this method returns an object of DNR for the selected server

Method Name: configReport

Description: this method returns an object of Report for the selected server

Method Name: configPop3Proxy

Description: this method returns an object of Pop3Proxy for the selected server

Method Name: configImapProxy

Description: this method returns an object of ImapProxy for the selected server

Method Name: configUserDb

Description: this method returns an object of UserDb for the selected server

Method Name: configWebmailProxy

Description: this method returns an object of WebmailProxy for the selected server

Method Name: updateUserMap

Description: This method returns an object with the usermap

Parameters:
: name ()

Method Name: services

Description: returns an array with all the services and their status

Return: array

Method Name: startService

Description: starts an Axigen service

Return: bool

Parameters:

string : ServiceName (the name of the service that you want to start)

Method Name: stopService

Description: stops an Axigen service

Return: bool

Parameters:

string : ServiceName (the name of the service that you want to stop)

Method Name: addUsermap

Description: This method is used at adding a usermap

Return: bool

Parameters:

: \$name ()

: \$type ()

: \$userdbConnectorType ()

: \$userdbConnectorName ()

: \$localFile ()

Method Name: listUsermaps

Description: this method returns an array with usermaps list

Return: array

Method Name: removeUsermap

Description: This method removes a usermap by name

Return: bool

Parameters:

: name ()

Method Name: save

Description: This function saves a server object back to Axigen

Object: Smtpln
Parents:
Server->configSmtpln

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the SMTP Incoming service
set/get minConnThreads - the minimum number of threads involved in I/O for the SMTP Incoming service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get maxReceivedHeaders - the maximum number of headers that an email received by Axigen can have
set/get enableSmtplRouting - the enabled/disabled status for SMTP Routing
set/get mappingDataUsermapName - the mapping usermap name for the proxy
set/get mappingDataMappingHost - the mapping data host for the proxy
set/get mappingDataMappingPort - the mapping data port for the proxy
set/get userdbConnectorType - the type of the userdb connector
set/get userdbConnectorName - the name of the userdb connector
set/get logLevel - the log level for the SMTP Incoming service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the SMTP Incoming service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the SMTP Incoming configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the SMTP Incoming service

Return: bool

Method Name: stop

Description: This function stops the SMTP Incoming service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: SmtOut Parents: Server->configSmtOut
--

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the SMTP Outgoing service

set/get minConnThreads - the minimum number of threads involved in I/O for the SMTP Outgoing service

set/get logLevel - the log level for the SMTP Outgoing service

set/get logHost - the address of the host that offers log services

set/get logType - the log type for the SMTP Outgoing service

Method Name: save

Description: This function saves the SMTP Outgoing configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the SMTP Outgoing service

Return: bool

Method Name: stop

Description: This function stops the SMTP Outgoing service

Return: bool

Object: SocketFilters

Description: this is the object containing the socketfilter data for the selected filter

Parents:

Filters->updateSocketFilter

Members:

set/get name - gets the name of the filter

set/get address - gets the address of the filter, used to communicate with the filter

set/get protocolFile - gets the path to the ASFL file that describes the communication protocol

set/get actionOnMatch - gets the action to be taken in case the filter matches an email

set/get maxConnections - gets the maximum number of connections that will be made to the filter

set/get idleTimeout - gets the inactivity timeout of the connection (in seconds)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: SslControl
Parents:
Listener->configSslControl

Members:

set/get allowedVersions - the allowed SSL versions
set/get maxChainDepth - the maximum depth of verification
set/get cipherSuite - the cipher suite to be used
set/get useEphemeralKey - use/not use ephemeral keys
set/get certFile - path for certification chain file
set/get caFile - path for Certificate Authority file
set/get dhParamFile - path to Diffie-Hellman parameter file
set/get requestClientAuth - request/not request client authentication

Method Name: save

Description: saves members? changes

Return: bool

Object: UdpListener Parents: Log->updateListener
--

Members:

set/get address - the address of the UDP listener

set/get enable - the enabled/disabled status of the UDP listener

Method Name: save

Description: This function saves the UdpListener configuration back to Axigen

Return: bool

Object: UserDb Parents: Server->configUserDb
--

Members:

set/get maxThreads - the maximum number of threads

set/get logLevel - the log level

set/get logHost - the address of the host that offers log services

set/get logType - the log type

Method Name: updateLdapConnector

Description: updates a Ldap connector

Parameters:

string : LdapConnectorName (the name of the Ldap connector)

Method Name: listLdapConnectors

Description: lists the Ldap connectors

Return: array

Method Name: addLdapConnector

Description: adds a new Ldap connector

Return: bool

Parameters:

string : LdapConnectorName (the name of the Ldap connector)

string : HostUrl (the Ldap Host URL)

Method Name: removeLdapConnector

Description: removes a Ldap connector

Return: bool

Parameters:

string : LdapConnectorName (the name of the Ldap connector)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Usermap Parents: Server->updateUsermap
--

Members:

set/get name - the usermap name

set/get type - the usermap type

set/get userdbConnectorName - the name of the userdb connector

set/get userdbConnectorType - the userdb connector type (valid values for the 'userdb_connector_type' are: "local", "ldap" or "ldapBind")

set/get usermapLocalFile - the local file of the usermap (this is used when the user mapping information is local.)

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: Webadmin
Parents:
Server->configWebadmin

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the Webadmin service
set minConnThreads - the minimum number of threads involved in I/O for the Webadmin service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get sessionIdleTimeout - the time interval after which an idle session is terminated
set/get sessionActivityTimeout - the maximum time interval after which a Webadmin session is terminated even if activity exists
set/get allowKeepAlive - permanent connections
set/get allowLargeIncomingData - the data receiving to be allowed after the session is terminated
set/get httpHeadersMaxSize - the maximum allowed size for received HTTP headers
set/get httpBodyMaxSize - the maximum allowed size for incoming HTTP body
set/get uploadMaxSize - the maximum allowed size for incoming upload data
set/get path - the Webadmin's directory path
set/get logLevel - the log level for the Webadmin service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the Webadmin service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the Webadmin configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the Webadmin service

Return: bool

Method Name: stop

Description: This function stops the Webadmin service

Return: bool

Method Name: getAccessControl

Description: This function returns an access control object for the Webadmin service

Return: AccessControl

Method Name: addUrlRedirect

Description: adds an Webadmin URL redirect

Return: bool

Parameters:

string : Address (the address)

string : Host (the host)

string : Port (the port)

Method Name: removeUrlRedirect

Description: removes an Webadmin URL redirect

Return: bool

Parameters:

string : Address (the address)

Method Name: listUrlRedirects

Description: list all URL redirects

Return: array

Method Name: updateUrlRedirect

Description: updates an Webadmin URL redirect

Return: bool

Parameters:

string : Address (the address)

string : NewHost (the new host)

string : NewPort (the new port)

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: Webmail
Parents:
Server->configWebmail

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the Webmail service
set/get maxErrors - the maximum protocol errors number after which the connection is terminated
set/get maxAuthErrors - the maximum authentication errors number after which the connection is terminated
set/get sessionIdleTimeout - the time interval after which an idle session is terminated
set/get sessionActivityTimeout - sets the maximum time interval after which a Webmail session is terminated even if activity exists
set/get allowKeepAlive - permanent connections
set/get allowLargeIncomingData - data receiving to be allowed after the session is terminated
set/get httpHeadersMaxSize - the maximum allowed size for received HTTP headers
set/get httpBodyMaxSize - the maximum allowed size for incoming HTTP body
set/get uploadMaxSize - the maximum allowed size for incoming upload data
set/get path - the Webmail's directory path
set/get showDomainList - if the domain displaying is enabled
set/get userdbConnectorType - the userdb connector type
set/get userdbConnectorName - the userdb connector name
set/get logLevel - the log level for the Webmail service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the Webmail service
set/get enableMobileWebmail - enable/disable the Mobile Webmail interface
set/get enableActiveSync - enable/disable ActiveSync?
set/get enableIcalCalendar - enable/disable Calendar (ICS) access through iCal/HTTP
set/get enableIcalFreebusy - enable/disable Free/Busy (IFB) access through iCal/HTTP

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the Webmail configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the Webmail service

Return: bool

Method Name: stop

Description: This function stops the Webmail service

Return: bool

Method Name: addHostNameResolver

Description: This function adds a hostname resolver. This maps a hostname to a domain

Return: bool

Parameters:

string : host (hostname)

string : domain (domain name)

Method Name: listHostNameResolvers

Description: This method lists the hostname resolvers

Return: array

Method Name: updateHostNameResolver

Description: This function changes the hostname resolver that matches the given host

Return: bool

Parameters:

string : hostname (the hostname)

string : newDomain (the new domain value)

Method Name: removeHostNameResolver

Description: This function removes the hostname resolver that matches the given host

Return: bool

Parameters:

string : hostname (the hostname)

Method Name: addUriRedirect

Description: This function adds a URL redirect. This can be used to redirect the request for a specific host to another address.

Return: bool

Parameters:

String : address (the address ex. 127.0.0.1:8000)

string : host (the hostname)

int : port (the port number)

Method Name: listUriRedirects

Description: This method lists the URL redirects

Return: array

Method Name: removeUriRedirect

Description: This function removes an URL redirect with the specified address

Return: bool

Parameters:

: address ()

Method Name: updateUriRedirect

Description: This function changes an existing URL redirect, changing its host and port

Return: bool

Parameters:

: address ()

: newHost ()

: newPort ()

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Object: WebmailData

Description: this is the object containing the Webmail data for the selected account

Parents:

Account->configWebmailData

MailList->configWebmailData

Members:

set/get skin - the skin for Webmail

set/get language - the language for Webmail

set/get signature - the account signature

set/get pageSize - page size

set/get timeZone - the timezone of the account

set/get saveToSent - a mail copy to be saved in the Sent folder

set/get deleteToTrash - deleted mail to be sent in the Trash folder

set/get autoRefreshInterval - the Webmail automatic refresh interval, stated in minutes

set/get confirmMailDelete - confirmation of mail deletion

set/get confirmFolderEmpty - confirmation of emptying folder

set/get htmlFilterLevel - the security level for a HTML mail body

set/get usePublicContacts - if the account should use the domain public contacts in addressbook context

set/get useRcptContacts - if the account should use the domain recipient contacts in addressbook context

set/get requestReadReceipts - enable/disable the requesting of read receipts

set/get sendReadReceipts - enable/disable sending of read receipts (values: always|never|ask)

get weekStartDay - the account week start day

get hideDeletedMessages - deleted mail to be sent in the Trash folder

get replyTo - account reply to

get enableNewEmailNotification - the new email notification status

Method Name: save

Description: this method must be called if one of the members has been changed

Return: bool

Object: WebmailProxy
Parents:
Server->configWebmailProxy

Members:

set/get maxConnThreads - the maximum number of threads involved in I/O for the Webmail service
set/get minConnThreads - the minimum number of threads involved in I/O for the Webmail service
set/get maxErrors - the maximum number of protocol errors after which the connection is terminated
set/get maxAuthErrors - the maximum number of authentication errors after which the connection is terminated
set/get authenticateOnProxy - if the authentication should be also done on proxy
set/get path - the WebmailProxy's directory path
set/get allowKeepAlive - permanent connections
set/get httpHeadersMaxSize - the maximum allowed size for received HTTP headers
set/get httpBodyMaxSize - the maximum allowed size for incoming HTTP body
set/get uploadMaxSize - the maximum allowed size for incoming upload data
set/get requestsQueueMaxSize - the maximum size of the requests? queue
set/get allowLargeIncomingData - data receiving to be allowed after the session times out
set/get enableMobileWebmail - enabled/disabled the Mobile Webmail interface
set/get mappingDataUsermapName - the mapping usermap name for the proxy
set/get mappingDataMappingHost - the mapping data host for the proxy
set/get mappingDataMappingPort - the mapping data port for the proxy
set/get connectionDataTimeout - the timeout for the read/write operation
set/get connectionDataMaxConnections - the maximum number of simultaneous connections
set/get connectionDataSslEnable - if the connection should be SSL
set/get connectionDataLocalInterface - the address of the interface used to make the connections
set/get userdbConnectorType - the userdb connector type
set/get userdbConnectorName - the userdb connector name
set/get logLevel - the log level for the Webmail service
set/get logHost - the address of the host that offers log services
set/get logType - the log type for the Webmail service

Method Name: updateListener

Description: This function updates a listener of this service

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: configAccessControl

Description: This function returns an access control object for this service

Method Name: save

Description: This function saves the Webmail Proxy configuration back to Axigen

Return: bool

Method Name: reset

Description: This function resets the changes made but not yet saved

Return: bool

Method Name: start

Description: This function starts the Webmail Proxy service

Return: bool

Method Name: stop

Description: This function stops the Webmail Proxy service

Return: bool

Method Name: addListener

Description: This function adds a listener to this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: removeListener

Description: This function removes a listener from this service

Return: bool

Parameters:

string : Address (the listener address (ex: 127.0.0.1:25))

Method Name: listListeners

Description: This function lists the listeners for this service

Return: array

Method Name: addHostNameResolver

Description: This function adds a hostname resolver. This maps a hostname to a domain

Return: bool

Parameters:

string : host (hostname)
string : domain (domain name)

Method Name: listHostNameResolvers

Description: This method lists the hostname resolvers

Return: array

Method Name: updateHostNameResolver

Description: This function changes the hostname resolver that matches the given host

Return: bool

Parameters:

string : hostname (the hostname)
string : newDomain (the new domain value)

Method Name: removeHostNameResolver

Description: This function removes the hostname resolver that matches the given host

Return: bool

Parameters:

string : hostname (the hostname)

Method Name: addUrlRedirect

Description: This function adds a URL redirect. This can be used to redirect request for a specific host to another address.

Return: bool

Parameters:

String : address (the address ex. 127.0.0.1:8000)
string : host (the hostname)
int : port (the port number)

Method Name: listUrlRedirects

Description: This method lists the URL redirects

Return: array

Method Name: removeUrlRedirect

Description: This function removes an URL redirect with the specified address

Return: bool

Parameters:

: address ()

Method Name: updateUrlRedirect

Description: This function changes an existing URL redirect, changing its host and port

Return: bool

Parameters:

: address ()
: newHost ()
: newPort ()
