

UAPI Functions - Email::get_charsets

Guide to UAPI

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Backup::
fullbacku

p_to_ftp

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Backup:: fullbacku
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p_to_scp_with_password

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Batch:: strict

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Branding:: file

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Branding:: get_available_applications

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Description

This function lists character encodings that the mail server supports.

Important:

In cPanel & WHM version 76 and later, when you disable the `MailReceive` role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

Examples

▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess##  
▼ #####/execute/Email/get_charsets
```

Note:

This example calls the UAPI function via a cPanel session. For more information, read our [Guide to UAPI](#) documentation.

▼ LiveAPI PHP Class

```
$cpanel = new  
CPANEL(); // Connect  
to cPanel - only do  
this once.  
  
// Get a list of  
character encodings.  
$encodings_list =  
$cpanel->uapi(  
    'Email',  
    'get_charsets'  
);
```

Note:

For more information, read our [Guide to the LiveAPI System](#).

Function information

About this module

The `Email` module modifies cPanel email account settings.

About UAPI

UAPI accesses and modifies data for cPanel accounts.

- Branding:: image
- Branding:: include
- Branding:: spritelist
- CacheBuster:: read
 - CacheBuster:: update
 - Chkserveid:: get_external_ports
 - Chkserveid:: get_external_ports_ssl
 - Chrome:: get_domain
 - Contactus:: is_enabled
 - cPAddons:: get_available_addons
 - cPAddons:: get_instance_settings
 - cPAddons:: list_addon_instances
 - cPGreyList:: disable_all_domains
 - cPGreyList:: disable_domains
 - cPGreyList:: enable_all_domains
 - cPGreyList:: enable_domains
 - cPGreyList:: has_reylisting_enabled
 - cPGreyList:: list_domains
 - DAV:: disable_shared_global_addressbook
 - DAV:: enable_shared_global_addressbook
 - DAV:: get_calendar_contacts_config
 - DAV:: has_shared_global_addressbook
 - DAV:: is_dav_service_enabled

LiveAPI Perl Module

```
my $cpliveapi =
Cpanel::LiveAPI->new(
); # Connect to
cPanel - only do this
once.

# Get a list of
character encodings.
my $encodings_list =
$cpliveapi->uapi(
'Email',
'get_charsets',
);
```

Note:
For more information, read our [Guide to the LiveAPI System](#).

cPanel Template Toolkit

```
<!-- Get a list of
character encodings.
-->
[% execute('Email',
'get_charsets' ) %]
```

Note:
For more information, read our [Guide to Template Toolkit documentation](#).

Notes:

- The *Fe*
- Ur **mu** us 20 or 20).` 20 or 20).

Find a function

The Mailboxes module manages email messages.

- UAPI Functions - Email::edit_pop_quota — This function changes an email address's quota.

- DAV:: is_horde_enabled
- DCV
 - DCV:: check_domains_via_dns
 - DCV:: check_domains_via_http
 - DCV:: ensure_domains_can_pass_dcv
 - DomainInfo
 - DomainInfo:: domains_data
 - DomainInfo:: list_domains
 - DomainInfo:: main_domain_builtin_subdomain_aliases
 - DomainInfo:: single_domain_data
- DNS
 - DNS:: ensure_domains_reside_only_locally
 - DNS:: has_local_authority
- DNSSEC
 - DNSSEC:: disable_dnssec
 - DNSSEC:: enable_dnssec
 - DNSSEC:: fetch_dns_records
 - DNSSEC:: set_nsec3
 - DNSSEC:: unset_nsec3
- Email
 - Email:: account_name
 - Email:: add_auto_responder
 - Email:: add_domain_forwarder
 - Email:: add_forwarder
 - Email:: add_list
 - Email:: add_mailman_delegates
 - Email:: add_mx
 - Email:: add_pop
 - Email:: add_spam_filter

Command Line

```
uapi --user=username
Email get_charsets
```

Notes:

- You **must** [URI-encode](#) values.
- username represents your account-level username.
- For more information and additional output options, read our [Guide to UAPI](#) documentation or run the `uapi --help` command.
- If you run CloudLinux™, you **must** use the full path of the `uapi` command:

```
/usr/local
/cpanel/bin/uapi
```

Output (JSON)

```
{
  "messages":null,
  "errors":null,
  "status":1,
  "metadata":{
    "transformed":1
  },
  "data":[
    "ansi_x3.110-1983",
    "ansi_x3.4-1968",
    "armscii-8",
    "asmo_449",
    "big5",
    "big5-hkscs",
    "brf",
    "bs_4730",
    "bs_viewdata",
    "cp10007",
    "cp1125",
    "cp1250",
    "cp1253",
    "cp1254",
    "cp1255",
    "cp1256",
```

- UAPI Functions - SpamAssassin::get_user_preferences — This function lists the Apache SpamAssassin™ settings for the account.
- UAPI Functions - SpamAssassin::clear_spam_box — This function clears the spam box of all its contents for all email accounts.

Email: browse_mailbox
Email: change_mx
Email: check_fastmail
Email: check_pipe_forwarder
Email: delete_auto_responder
Email: delete_dominion_forwarder
Email: delete_filter
Email: delete_forwarder
Email: delete_held_messages
Email: delete_list
Email: delete_mx
Email: delete_pop
Email: disable_filter
Email: disable_mailbox_autocreate
Email: disable_spam_assassin
Email: disable_spam_autodelete
Email: disable_spam_box
Email: dispatch_client_settings
Email: edit_pop_quota
Email: enable_filter
Email: enable_mailbox_autocreate
Email: enable_spam_assassin
Email: enable_spam_box
Email: fetch_charmaps
Email: fts_rescan_mailbox
Email: generate_mailman_opt
Email: get_auto_responder
Email: get_chase

"cp1257",
"cp1258",
"cp737",
"cp775",
"csa_z243.4-1985-1",
"csa_z243.4-1985-2",
"csa_z243.4-1985-gr",
"csn_369103",
"cwi",
"dec-mcs",
"din_66003",
"ds_2089",
"ebcdic-at-de",
"ebcdic-at-de-a",
"ebcdic-ca-fr",
"ebcdic-dk-no",
"ebcdic-dk-no-a",
"ebcdic-es",
"ebcdic-es-a",
"ebcdic-es-s",
"ebcdic-fi-se",
"ebcdic-fi-se-a",
"ebcdic-fr",
"ebcdic-is-friss",
"ebcdic-it",
"ebcdic-pt",
"ebcdic-uk",
"ebcdic-us",
"ecma-cyrillic",
"es",
"es2",
"euc-jisx0213",
"euc-jp",
"euc-jp-ms",
"euc-kr",
"euc-tw",
"gb18030",
"gb2312",
"gb_1988-80",
"gbk",
"georgian-academy",
"georgian-ps",
"gost_19768-74",

- UAPI Functions - SpamAssassin::update_user_preference — This function sets the Apache SpamAssassin™ settings for the account.

ts
Email: get_client_settings
Email: get_default_email_quota
Email: get_default_email_quota_mib
Email: get_disk_usage
Email: get_filter
Email: get_held_message_count
Email: get_mailbox_autocreate
Email: get_mailman_delegates
Email: get_main_account_disk_usage
Email: get_main_account_disk_usage_bytes
Email: get_max_email_quota
Email: get_max_email_quota_mib
Email: get_pop_quota
Email: get_spam_settings
Email: get_webmail_settings
Email: has_delegated_mailman_lists
Email: has_plaintext_authentication
Email: hold_outgoing
Email: is_integer
Email: list_autoresponders
Email: list_default_address
Email: list_domain_forwarders
Email: list_filters
Email: list_filters_backups
Email: list_forwarders
Email: list_forward

"greek-ccitt",
"greek7",
"greek7-old",
"gsm03.38",
"hp-greek8",
"hp-roman8",
"hp-roman9",
"hp-thai8",
"hp-turkish8",
"hz-gb-2312",
"ibm037",
"ibm038",
"ibm1004",
"ibm1026",
"ibm1047",
"ibm1124",
"ibm1129",
"ibm1132",
"ibm1133",
"ibm1160",
"ibm1161",
"ibm1162",
"ibm1163",
"ibm1164",
"ibm256",
"ibm273",
"ibm274",
"ibm275",
"ibm277",
"ibm278",
"ibm280",
"ibm281",
"ibm284",
"ibm285",
"ibm290",
"ibm297",
"ibm420",
"ibm423",
"ibm424",
"ibm437",
"ibm500",
"ibm850",
"ibm851",
"ibm852",
"ibm855",
"ibm856",
"ibm857",
"ibm860",
"ibm861",
"ibm862",
"ibm863",
"ibm864",
"ibm865",

ers_backups	"ibm866",
Email: list_lists	"ibm866nav",
Email: list_mail_domains	"ibm868",
Email: list_mx	"ibm869",
Email: list_pops	"ibm870",
Email: list_pops_with_disk	"ibm871",
Email: list_system_filter_info	"ibm874",
Email: passwd_list	"ibm875",
Email: passwd_pop	"ibm880",
Email: release_outgoing	"ibm891",
Email: remove_mailman_delegates	"ibm903",
Email: reorder_filters	"ibm904",
Email: set_always_accept	"ibm905",
Email: set_default_address	"ibm918",
Email: set_list_privacy_options	"ibm922",
Email: stats_db_status	"iec_p27-1",
Email: store_filter	"inis",
Email: suspend_incoming	"inis-8",
Email: suspend_login	"inis-cyrillic",
Email: suspend_outgoing	"invariant",
Email: trace_filter	"isiri-3342",
Email: unsuspend_incoming	"iso-8859-1",
Email: unsuspend_login	"iso-8859-10",
Email: unsuspend_outgoing	"iso-8859-11",
Email: verify_password	"iso-8859-13",
▼ EmailAuth	"iso-8859-14",
EmailAuth: disable_dkim	"iso-8859-15",
EmailAuth: enable_dkim	"iso-8859-16",
EmailAuth: ensure_dkim_keys_exist	"iso-8859-2",
	"iso-8859-3",
	"iso-8859-4",
	"iso-8859-5",
	"iso-8859-6",
	"iso-8859-7",
	"iso-8859-8",
	"iso-8859-9",
	"iso-8859-9e",
	"iso-ir-197",
	"iso-ir-209",
	"iso-ir-90",
	"iso_10367-box",
	"iso_10646",
	"iso_11548-1",
	"iso_2033-1983",
	"iso_5427",
	"iso_5427-ext",
	"iso_5428",
	"iso_646.basic",
	"iso_646.irv",

EmailAuth:: fetch_ dkim_private_keys	"iso_6937",
EmailAuth:: install_ _dkim_private_key s	"iso_6937-2-25",
EmailAuth:: install_ _spf_records	"iso_6937-2-add",
EmailAuth:: validat e_current_dkims	"iso_8859-1,gl",
EmailAuth:: validat e_current_ptrs	"iso_8859-supp", "it",
EmailAuth:: validat e_current_spfs	"jis_c6220-1969-jp",
ExternalAuthenticat ion	"jis_c6220-1969-ro",
ExternalAuthenticat ion:: add_auth_li nk	"jis_c6229-1984-a",
ExternalAuthenticat ion:: configured_ modules	"jis_c6229-1984-b",
ExternalAuthenticat ion:: get_authn_lin ks	"jis_c6229-1984-b-add ",
ExternalAuthenticat ion:: has_external_ _auth_modules_co nfigured	"jis_c6229-1984-hand",
ExternalAuthenticat ion:: remove_auth n_link	,
Features	"jis_c6229-1984-hand- add",
Features:: get_feat ure_metadata	"jis_c6229-1984-kana" ,
Features:: has_fea ture	"jis_x0201", "johab", "jus_i.bl.002",
Features:: list_feat ures	"jus_i.bl.003-mac",
Fileman	"jus_i.bl.003-serb",
Fileman:: autocom pletedir	"koi-8", "koi8-r", "koi8-ru", "koi8-t", "koi8-u",
Fileman:: empty_tr ash	"ks_c_5601-1987", "ksc5636", "latin-greek",
Fileman:: get_file_ content	"latin-greek-1",
Fileman:: get_file_i nformation	"mac-centraleurope", "mac-cyrillic", "mac-is", "mac-sami",
Fileman:: list_files	
Fileman:: save_file_ _content	
Fileman:: transcod e	
Fileman:: upload_fi les	

<ul style="list-style-type: none"> ▼ Ftp Ftp:: add_ftp Ftp:: allows_anonymous_ftp Ftp:: allows_anonymous_ftp_incoming Ftp:: delete_ftp Ftp:: ftp_exists Ftp:: get_ftp_daemon_info Ftp:: get_port Ftp:: get_quota Ftp:: get_welcome_message Ftp:: kill_session Ftp:: list_ftp Ftp:: list_ftp_with_disk Ftp:: list_sessions Ftp:: passwd Ftp:: server_name Ftp:: set_anonymous_ftp Ftp:: set_anonymous_ftp_incoming Ftp:: set_homedir Ftp:: set_quota Ftp:: set_welcome_message ▼ Integration Integration:: fetch_url ▼ KnownHosts KnownHosts:: create KnownHosts:: delete KnownHosts:: update KnownHosts:: verify ▼ LangPHP LangPHP:: php_get_domain_handler LangPHP:: php_get_impacted_domains LangPHP:: php_get_installed_version 	<pre> "mac-uk", "macintosh", "mik", "msz_7795.3", "nats-dano", "nats-dano-add", "nats-sefi", "nats-sefi-add", "nc_nc00-10", "nextstep", "nf_z_62-010", "nf_z_62-010_1973", "ns_4551-1", "ns_4551-2", "pt", "pt154", "pt2", "rk1048", "sami", "sami-ws2", "sen_850200_b", "sen_850200_c", "shift_jis", "shift_jisx0213", "t.101-g2", "t.61-7bit", "t.61-8bit", "tcvn5712-1", "tis-620", "tscii", "us-ascii", "utf-7", "utf-8", "videotex-suppl", "viscii", "windows-1251", "windows-1252", </pre>
--	---

s

LangPHP:: php_get_system_default_version

LangPHP:: php_get_vhost_versions

LangPHP:: php_ini_get_user_basic_directives

LangPHP:: php_ini_get_user_content

LangPHP:: php_ini_get_user_paths

LangPHP:: php_ini_set_user_basic_directives

LangPHP:: php_ini_set_user_content

LangPHP:: php_set_vhost_versions

▼ LastLogin

LastLogin:: get_last_or_current_logged_in_ip

▼ Locale

Locale:: get_attributes

▼ Mailboxes

Mailboxes:: expunge_messages

Mailboxes:: expunge_messages_for_mailbox_guid

Mailboxes:: get_mailbox_status

Mailboxes:: has_utf8_mailbox_names

Mailboxes:: set_utf8_mailbox_names

▼ Market

Market:: cancel_pending_ssl_certificate

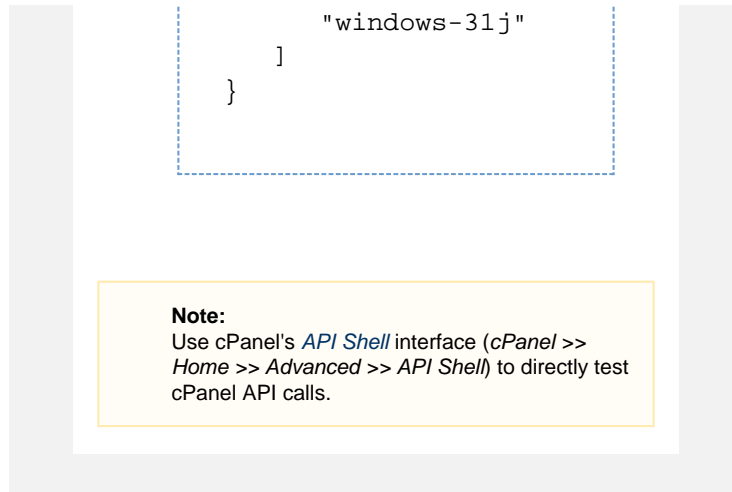
Market:: create_shopping_cart

Market:: get_all_products

Market:: get_certificate_status_details

Market:: get_login_url

Market:: get_pending_ssl_certificates



Parameters

This function does not accept parameters.

Returns

Return	Type	Description	Possible values	Example
data	array	An array of character encodings that the mail server supports.	The name of a character encoding.	utf-8

Market:: get_provider_specific_dcv_constraints

Market:: get_providers_list

Market:: get_ssl_certificate_if_available

Market:: process_ssl_pending_queue

Market:: request_ssl_certificates

Market:: set_status_of_pending_queue_items

Market:: set_url_after_checkout

Market:: validate_login_token

▼ Mime

Mime:: add_handler

Mime:: add_hotlink

Mime:: add_mime

Mime:: add_redirect

Mime:: delete_handler

Mime:: delete_hotlink

Mime:: delete_mime

Mime:: delete_redirect

Mime:: list_handlers

Mime:: list_hotlinks

Mime:: list_mime

Mime:: list_redirects

Mime:: redirect_info

▼ ModSecurity

ModSecurity:: disable_all_domains

ModSecurity:: disable_domains

ModSecurity:: enable_all_domains

ModSecurity:: enable_domains

ModSecurity:: has
_modsecurity_inst
alled

ModSecurity:: list_
domains

▼ Mysql

Mysql:: add_host

Mysql:: add_host_
note

Mysql :: check_dat
abase

Mysql:: create_dat
abase

Mysql:: create_use
r

Mysql:: delete_dat
abase

Mysql:: delete_hos
t

Mysql:: delete_use
r

Mysql:: get_host_n
otes

Mysql:: get_privile
ges_on_database

Mysql:: get_restrict
ions

Mysql:: get_server
_information

Mysql:: locate_ser
ver

Mysql:: rename_d
atabase

Mysql:: rename_us
er

Mysql:: repair_dat
abase

Mysql:: revoke_ac
cess_to_database

Mysql:: set_passw
ord

Mysql:: set_privile
ges_on_database

▼ Notifications

Notifications:: get_
notifications_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile_rel
ative_uri

- ▼ PassengerApps
 - PassengerApps:: disable_application
 - PassengerApps:: edit_application
 - PassengerApps:: enable_application
 - PassengerApps:: ensure_deps
 - PassengerApps:: list_applications
 - PassengerApps:: register_application
 - PassengerApps:: unregister_application
- ▼ PasswdStrength
 - PasswdStrength:: get_required_strength
- ▼ Personalization
 - Personalization::set
 - Personalization::get
- ▼ Postgresql
 - Postgresql:: create_database
 - Postgresql:: create_user
 - Postgresql:: delete_database
 - Postgresql:: get_restrictions
 - Postgresql:: grant_all_privileges
 - Postgresql:: rename_database
 - Postgresql:: rename_user
 - Postgresql:: rename_user_no_password
 - Postgresql:: revoke_all_privileges
 - Postgresql:: set_password
- ▼ Pushbullet
 - Pushbullet:: send_test_message
- ▼ Quota
 - Quota:: get_quota_info

- ▼ Resellers
 - Resellers:: list_accounts
- ▼ ResourceUsage
 - ResourceUsage:: get_usages
- ▼ Restore
 - Restore:: directory_listing
 - Restore:: get_users
 - Restore:: query_file_info
 - Restore:: restore_file
- ▼ Session
 - Session:: create_temp_user
- ▼ SiteTemplates
 - SiteTemplates:: list_site_templates
 - SiteTemplates:: list_user_settings
 - SiteTemplates:: publish
- ▼ SpamAssassin
 - SpamAssassin :: clear_spam_box
 - SpamAssassin:: get_symbolic_test_names
 - SpamAssassin:: get_user_preferences
 - SpamAssassin:: update_user_preference
- ▼ SSH
 - SSH:: get_port
- ▼ SSL
 - SSL:: add_autossl_excluded_domains
 - SSL:: can_ssl_redirect
 - SSL:: check_shared_cert
 - SSL:: delete_cert
 - SSL:: delete_csr
 - SSL:: delete_key
 - SSL:: delete_ssl
 - SSL :: disable_mail_sni

SSL:: enable_mail
_sni

SSL:: fetch_best_f
or_domain

SSL:: fetch_cert_in
fo

SSL:: fetch_certific
ates_for_fqdns

SSL:: fetch_key_a
nd_cabundle_for_
certificate

SSL:: find_certifica
tes_for_key

SSL:: find_csrs_for
_key

SSL:: generate_ce
rt

SSL:: generate_cs
r

SSL:: generate_ke
y

SSL:: get_autossl_
excluded_domains

SSL:: get_autossl_
pending_queue

SSL:: get_autossl_
problems

SSL:: get_cabundl
e

SSL:: get_cn_nam
e

SSL:: install_ssl

SSL:: installed_ho
st

SSL:: installed_ho
sts

SSL:: is_autossl_c
heck_in_progress

SSL:: is_mail_sni_
supported

SSL:: is_sni_supp
orted

SSL:: list_certs

SSL:: list_csrs

SSL:: list_keys

SSL:: list_ssl_item
s

SSL:: mail_sni_sta
tus

SSL:: rebuild_mail
_sni_config

SSL:: rebuildssldb

SSL:: remove_aut
ossl_excluded_do
mains

SSL:: set_autossl_
excluded_domains

SSL:: set_cert_frie
ndly_name

SSL:: set_csr_frien
dly_name

SSL:: set_key_frie
ndly_name

SSL:: set_primary
_ssl

SSL:: set_ssl_shar
e

SSL:: show_cert

SSL:: show_csr

SSL:: show_key

SSL:: start_autossl_
_check

SSL:: toggle_ssl_r
edirects_for_doma
ins

SSL:: upload_cert

SSL:: upload_key

▼ StatsBar

StatsBar:: get_stat
s

▼ Styles

Styles:: current

Styles:: list

Styles:: set_default

Styles:: update

▼ SubDomain

SubDomain:: adds
ubdomain

▼ Themes

Themes:: get_the
me_base

Themes:: list

Themes:: update

▼ Tokens

Tokens:: create_fu
ll_access

Tokens:: list

Tokens:: rename

Tokens:: revoke

▼ TwoFactorAuth

TwoFactorAuth:: generate_user_configuration

TwoFactorAuth:: get_user_configuration

TwoFactorAuth:: remove_user_configuration

TwoFactorAuth:: set_user_configuration

▼ UserManager

UserManager:: check_account_conflicts

UserManager:: create_user

UserManager:: delete_user

UserManager:: dismiss_user

UserManager:: edit_user

UserManager:: list_users

UserManager:: lookup_service_account

UserManager:: lookup_user

UserManager:: merge_service_account

UserManager:: unlink_service_account

▼ UserTasks

UserTasks:: delete

UserTasks:: retrieve

▼ VersionControl

VersionControl:: create

VersionControl:: delete

VersionControl:: retrieve

VersionControl:: update

▼ VersionControlDeployment

VersionControlDeployment:: create

VersionControlDeployment:: delete

VersionControlDeployment:: retrieve

▼ WebDisk

WebDisk:: delete_user

WebDisk:: set_homedir

WebDisk:: set_password

WebDisk:: set_permissions

▼ WebmailApps

WebmailApps:: list_webmailapps

▼ WebVhosts

WebVhost:: list_domains

WebVhost:: list_ssl_capable_domains

▼ WordPressBackup

WordPressBackup:: any_running

WordPressBackup:: cancel

WordPressBackup:: cleanup

WordPressBackup:: get_available_backups

WordPressBackup:: is_running

WordPressBackup:: start

▼ WordPressInstance

Manager

WordPressInstanceManager:: cancel_scan

WordPressInstanceManager:: cleanup_scan

WordPressInstanceManager:: change_admin_password

WordPressInstanceManager:: configure_autoupdate

WordPressInstanceManager:: get_api_version

WordPressInstanceManager:: get_in

stance_by_id

WordPressInstanceManager::get_instances

WordPressInstanceManager::get_latest_wordpress_version_from_wordpress_org

WordPressInstanceManager::get_scan_results

WordPressInstanceManager::is_installable_addon_available

WordPressInstanceManager::start_scan

▼ WordPressRestore

WordPressRestore::any_running

WordPressRestore::cleanup

WordPressRestore::start