

UAPI Functions - PassengerApps::register_application

Guide to UAPI

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Calls from the WHM API
- Custom UAPI Modules

Description

This function registers a Passenger application for an account.

Important:

This function **only** registers an application. It does **not** create the application. You **must** create an application **before** you register the application. For an example of how to do this, read our [How to Create Ruby Web Applications](#) documentation.

Important:

In cPanel & WHM version 76 and later, when you disable the `WebServerRole`, 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/PassengerApps/register_application?name=slippers&path=%2Fslippers&domain=dorothy.com&deployment_mode=production&envvar_name-1=shoes&envvar_value-1=ruby&envvar_name-2=tinman&envvar_value-2=heart&enabled=1
```

Note:

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

Function information

About this module

The `PassengerApps` module creates Passenger applications for cPanel user accounts.

About UAPI

- Backup
 - Backup::fullbackup
 - p_to_ftp
 - Backup::fullbackup
 - p_to_homedir
 - Backup::fullbackup
 - p_to_scp_with_key
 - Backup::fullbackup
 - p_to_scp_with_password
 - Backup::list_backups
- ▼ Bandwidth
 - Bandwidth::get_enabled_protocols
 - Bandwidth::get_retention_periods
 - Bandwidth::query
- ▼ Batch
 - Batch::strict
- ▼ Brand
 - Brand::read
- ▼ Branding
 - Branding::file
 - Branding::get_applications
 - Branding::get_application_information
 - Branding::get_available_applications
 - Branding::get_information_for_applications

- Branding:: image
- Branding:: include
- Branding:: spritelist
- ✓ CacheBuster
 - CacheBuster:: read
 - CacheBuster:: update
- ✓ Chkserverd
 - Chkserverd:: get_external_ports
 - Chkserverd:: get_external_ports_ssl
- ✓ Chrome
 - Chrome:: get_domain
- ✓ Contactus
 - Contactus:: is_enabled
- ✓ cPAddons
 - cPAddons:: get_available_addons
 - cPAddons:: get_instance_settings
 - cPAddons:: list_addon_instances
- ✓ cPGreyList
 - cPGreyList:: disable_all_domains
 - cPGreyList:: disable_domains
 - cPGreyList:: enable_all_domains
 - cPGreyList:: enable_domains
 - cPGreyList:: has_greylisting_enabled
 - cPGreyList:: list_domains
- ✓ DAV
 - 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 PHP Class

```

$panel = new
CPANEL(); // Connect
to cPanel - only do
this once.

// Register the
slippers application.
$poll =
$cpanel->uapi(
    'PassengerApps',
    'register_application',
    array(
        'name'
=> 'slippers',
        'path'
=> '/slippers',
        'domain'
=> 'dorothy.com',
        'deployment_mode'
=> 'production',
        'envvar_name-1'
=> 'shoes',
        'envvar_value-1'
=> 'ruby',
        'envvar_name-2'
=> 'tinman',
        'envvar_value-2'
=> 'heart',
        'enabled' =>
        '1',
    )
);
  
```

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

UAPI accesses and modifies data for cPanel accounts.

Notes:

- The
- The
- The
- The
- The
- The
- The
- The

Find a function

PassengerApp module allows you to manage Ruby applications for user accounts.

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

▼ LiveAPI Perl Module

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

# Register the
slippers application.
my $poll =
$cpliveapi->uapi(
    'PassengerApps',
    'register_application',
    {
        'name'
=> 'slippers',
        'path'
=> '/slippers',
        'domain'
=> 'dorothy.com',
        'deployment_mode'
=> 'production',
        'envvar_name-1'
=> 'shoes',
        'envvar_value-1'
=> 'ruby',
        'envvar_name-2'
=> 'tinman',
        'envvar_value-2'
=> 'heart',
        'enabled' =>
'1',
    }
);
```

Note:

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

- UAPI Functions - PassengerApps::unregister_application — This function unregisters a Ruby application on an account.

Important: This function only unregisters; it does not delete manually.

- UAPI Functions - PassengerApps::ensure_dependencies — This function installs the dependencies for a Passenger application.

Email: browse_mailbox
Email: change_mx
Email: check_fastmail
Email: check_pipe_forwarder
Email: delete_auto_responder
Email: delete_domain_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

▼ cPanel Template Toolkit

```
<!-- Register the slippers application. -->
[%
  execute('PassengerApps',
    'register_application', { 'name' => [%
    execute('PassengerApps',
      'register_application', { 'name' =>
        'slippers', 'path' => '/slippers', 'domain' => 'dorothy.com',
        'deployment_mode' => 'production',
        'envvar_name-1' => 'shoes',
        'envvar_value-1' => 'ruby',
        'envvar_name-2' => 'tinman',
        'envvar_value-2' => 'heart', 'enabled='1'
      } ) %]
  ] ) %]
```

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

- UAPI Functions - PassengerApps::list_applications — This function lists an account's Passenger applications.
- UAPI Functions - PassengerApps::disable_application — This function disables a Passenger application on an 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_plaint_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

Command Line

```
uapi --user=username
PassengerApps
register_application
name="slippers"
path="/slippers"
domain="dorothy.com"
deployment_mode="production"
envvar_name-1="shoes"
envvar_value-1="ruby"
envvar_name-2="tinman"
"
envvar_value-2="heart"
" enabled="1"
```

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
```

ers_backups

Email: list_lists

Email: list_mail_domains

Email: list_mx

Email: list_pops

Email: list_pops_with_disk

Email: list_system_filter_info

Email: passwd_list

Email: passwd_pop

Email: release_outgoing

Email: remove_mailman_delegates

Email: reorder_filters

Email: set_always_accept

Email: set_default_address

Email: set_list_privacy_options

Email: stats_db_status

Email: store_filter

Email: suspend_incoming

Email: suspend_login

Email: suspend_outgoing

Email: trace_filter

Email: unsuspend_incoming

Email: unsuspend_login

Email: unsuspend_outgoing

Email: verify_password

Output (JSON)

```
{
  "messages": null,
  "errors": null,
  "status": 1,
  "metadata": {},
  "data": {
    "slippers": {

      "base_uri": "/ruby",
      "domain": "dorothy.com",

      "enabled": 1,

      "envvars": {

        "slippers": "ruby"
        "tinman": "heart"
      },
      "name": "slippers",
      "path": "/home/dorothy/slippers"

      "deployment_mode": "production"
    }
  }
}
```

Note:
Use cPanel's *API Shell* interface (*cPanel >> Home >> Advanced >> API Shell*) to directly test cPanel API calls.

Parameters

Parameter	Type	Description	Possible values	Example
-----------	------	-------------	-----------------	---------

▼ EmailAuth

EmailAuth: disable_dkim

EmailAuth: enable_dkim

EmailAuth: ensure_dkim_keys_exist

EmailAuth:: fetch_dkim_private_keys

EmailAuth:: install_dkim_private_keys

EmailAuth:: install_spf_records

EmailAuth:: validate_current_dkims

EmailAuth:: validate_current_ptrs

EmailAuth:: validate_current_spfs

ExternalAuthentication

ExternalAuthentication:: add_auth_link

ExternalAuthentication:: configured_modules

ExternalAuthentication:: get_auth_links

ExternalAuthentication:: has_external_auth_modules_configured

ExternalAuthentication:: remove_auth_link

Features

Features:: get_feature_metadata

Features:: has_feature

Features:: list_features

Fileman

Fileman:: autocompletedir

Fileman:: empty_trash

Fileman:: get_file_content

Fileman:: get_file_information

Fileman:: list_files

Fileman:: save_file_content

Fileman:: transcode

Fileman:: upload_files

name	string	Required The application's name.	A valid string. Important: An application name must contain 50 or fewer characters.	slippers
path	string	Required The application's filepath.	A valid filepath, relative to the user's /home directory.	/slippers
domain	string	Required The domain for which to register the application.	A valid domain on the cPanel account.	dorothy.com
deployment_mode	string	The type of server environment in which to run the application. This parameter defaults to production.	<ul style="list-style-type: none"> development — Sets the application to run in a development environment. production — Sets the application to run in a production environment. 	production
envvar_name	string			shoes

▼ 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

A server environment variable.

Important: You must pass this parameter for each env var _value parameter that you pass.

Note: To add multiple environment variables, you must increment this parameter. For example, env var _name-1, env var _name-2, env var _name-3.

If you do not use this parameter, the function does not configure the application's environment variables in Apache@.

A valid string.

Important: This parameter's value can only contain letters, numbers, underscores, and dashes, and cannot begin with a number. This parameter's value must also not exceed 256 characters.

s	envvar_value	string	Each server environment variable's value.	A valid string.	ruby
<p>LangPHP:: php_get_system_default_version</p> <p>LangPHP:: php_get_vhost_versions</p> <p>LangPHP:: php_ini_get_user_basic_directives</p> <p>LangPHP:: php_ini_get_user_content</p> <p>LangPHP:: php_ini_get_user_paths</p> <p>LangPHP:: php_ini_set_user_basic_directives</p> <p>LangPHP:: php_ini_set_user_content</p> <p>LangPHP:: php_set_vhost_versions</p>			<p>Important: You must pass this parameter for each envvar_name parameter that you pass.</p>	<p>Important: An environment variable value must contain 1024 or fewer ASCII-printable characters.</p>	
<p>▼ LastLogin</p> <p>LastLogin:: get_last_or_current_logged_in_ip</p>			<p>Note: To add multiple environment variable values, you must increment this parameter. For example, envvar_value-1, envvar_value-2, envvar_value-3.</p>		
<p>▼ Locale</p> <p>Locale:: get_attributes</p> <p>▼ Mailboxes</p> <p>Mailboxes:: expunge_mailbox_messages</p> <p>Mailboxes:: expunge_messages_for_mailbox_guid</p> <p>Mailboxes:: get_mailbox_status</p> <p>Mailboxes:: has_utf8_mailbox_names</p> <p>Mailboxes:: set_utf8_mailbox_names</p> <p>▼ Market</p> <p>Market:: cancel_pending_ssl_certificate</p> <p>Market:: create_shopping_cart</p> <p>Market:: get_all_products</p> <p>Market:: get_certificate_status_details</p> <p>Market:: get_login_url</p> <p>Market:: get_pending_ssl_certificates</p>					

Market: `get_provider_specific_dcvc_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`

		If you do not use this parameter, the function does not assign a value to an environment variable.		
<code>enabled</code>	<i>Boolean</i>	Whether to enable the application and generate the Apache configuration. This parameter defaults to 1.	<ul style="list-style-type: none">1 — Enable.0 — Disable.	1

Returns

Return	Type	Description	Possible values	Example
<code>application name</code>	<i>hash</i>	A hash that contains an application's configuration information. <div style="border: 1px solid orange; padding: 5px; width: fit-content; margin: 10px auto;">Note: The hash's name is the application name.</div>	This hash contains the <code>base_uri</code> , <code>domain</code> , <code>enabled</code> , <code>name</code> , <code>path</code> and <code>deployment_mode</code> returns and the <code>envvars</code> return.	
<code>base_uri</code>	<i>string</i>	The application's base URI. The function returns this value in the <code>application name hash</code> .	A valid URI.	<code>/ruby</code>
<code>domain</code>	<i>string</i>	The domain for which the function registered the application. The function returns this value in the <code>application name hash</code> .	A valid domain on the cPanel account.	<code>dorothy.com</code>

ModSecurity:: has_modsecurity_installed

ModSecurity:: list_domains

▼ Mysql

Mysql:: add_host

Mysql:: add_host_note

Mysql:: check_database

Mysql:: create_database

Mysql:: create_user

Mysql:: delete_database

Mysql:: delete_host

Mysql:: delete_user

Mysql:: get_host_notes

Mysql:: get_privileges_on_database

Mysql:: get_restrictions

Mysql:: get_server_information

Mysql:: locate_server

Mysql:: rename_database

Mysql:: rename_user

Mysql:: repair_database

Mysql:: revoke_access_to_database

Mysql:: set_password

Mysql:: set_privileges_on_database

▼ Notifications

Notifications:: get_notifications_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile_relative_uri

enabled	<i>Boolean</i>	Whether the application is enabled. The function returns this value in the application name hash.	<ul style="list-style-type: none"> 1 — Enabled. 0 — Disabled. 	1
envvars	<i>hash</i>	A hash of application environment variables and their values. The function returns this value in the application name hash.	A hash of valid environment variables and their values.	
name	<i>string</i>	The application's name. The function returns this value in the application name hash.	A valid application name.	slippers
deployment_mode	<i>string</i>	The type of environment in which the application will run. The function returns this value in the application_name hash.	<ul style="list-style-type: none"> development production 	production
path	<i>string</i>	The application's filepath. The function returns this value in the application name hash.	A valid filepath.	/home/dorothy/slippers

- ▼ 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