

UAPI Functions - Fileman::get_file_content

Guide to UAPI

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Description

This function retrieves a file's content.



Important:

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

Examples

```
https://hostname.example.com:2083/cpsess#####/execute/
Fileman/get_file_content?dir=home%2Fusername%
2Fpublic_html&file=example.html&charset=utf-
8&from_charset=_DETECT_&to_charset=_LOCALE_
```



Note:

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

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

// Retrieve content from file.
$get_file_content = $cpanel->uapi(
    'Fileman', 'get_file_content',
    array(
        'dir' => '/home
/user/public_html',
        'file' => 'example.
html',
        'from_charset' => '_DETECT_',
        'to_charset' => '_LOCALE_',
    )
);
```



Note:

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

Function information

Module:

Fileman

API Version:

UAPI

Available in:

cPanel 11.44+

Method:

GET, POST

Required Parameters:

dir, file

Return Format:

JSON, XML

Legacy Equivalents:

- [Fileman::getfile](#)

About this module

The Fileman module provides access to file functions.

About UAPI

UAPI accesses and modifies data for cPanel accounts.



Notes:

BoxTrapper:: [save_configuration](#)

BoxTrapper:: [set_status](#)

BoxTrapper:: [whitelist_messages](#)

Brand:: [read](#)

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:: [read](#)

CacheBuster:: [update](#)

Chkservd:: [get_exam_ports](#)

Chkservd:: [get_exam_ports_ssl](#)

Chrome:: [get_dom](#)

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_greylisting_enabled](#)

cPGreyList:: [list_domains](#)

DAV:: [disable_shared_global_addressbook](#)

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

# Retrieve Content from file.
my $get_file_content = $cpliveapi->uapi(
    'Fileman', 'get_file_content',
    {
        'dir' => '/home
/user/public_html',
        'file' => 'example.
html',
        'from_charset' => '_DETECT_',
        'to_charset' => '_LOCALE_',
    }
);
```



Note:

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

```
<!-- Get a hash of all the data, then display the content
value. -->
[% data = execute( 'Fileman', 'upload_files' {dir => '
/home/user/public_html', 'file' => 'example.html',
'from_charset' => '_DETECT_', 'to_charset' => '_LOCALE_'
} ); %]
[% FOREACH q = data.content %]
    <p>
        [% q %]
    </p>
[% END %]

<!-- Get only a hash of the data. -->
[% execute( 'Fileman', 'upload_files' {dir => '/home/user
/public_html', 'file' => 'example.html', 'from_charset' =>
'_DETECT_', 'to_charset' => '_LOCALE_', } ).data.content
%]
```



Note:

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

- These functions may require specific features. To enable a feature, use WHM's [Feature Manager](#) interface.
- Unless you call this API via the WHM

DAV:: enable_share
d_global_addressbook

DAV:: get_calendar
_contacts_config

DAV:: has_shared_
global_addressbook

DAV:: is_dav_servic
e_enabled

DAV:: is_horde_ena
bled

DCV:: check_domai
ns_via_dns

DCV:: check_domai
ns_via_http

DCV:: ensure_doma
ins_can_pass_dcv

DomainInfo:: domai
ns_data

DomainInfo:: list_do
mains

DomainInfo:: main_
domain_builtin_sub
domain_aliases

DomainInfo:: single_
_domain_data

DNS:: ensure_doma
ins_reside_only_loc
ally

DNS:: has_local_au
thority

DNSSEC:: disable_
dnssec

DNSSEC:: enable_
dnssec

DNSSEC:: fetch_ds
_records

DNSSEC:: set_nsec3

DNSSEC:: unset_ns
ec3

Email:: account_na
me

Email:: add_auto_re
sponder

Email:: add_domain
_forwarder

Email:: add_forward
er

Email:: add_list

Email:: add_mailma
n_delegates

Email:: add_mx

Email:: add_pop

```
uapi --user=username Fileman get_file_content dir=%2Fhome%  
2Fusername%2Fpublic_html file=example.html charset=utf-8  
from_charset=_DETECT_ to_charset=_LOCALE_
```



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
```

```
{  
  "messages":null,  
  "errors":null,  
  "status":1,  
  "metadata":{  
  
  },  
  "data": {  
    "from_charset": "utf-8",  
    "filename": "example.html",  
    "to_charset": "utf-8",  
    "content": "hi",  
    "path": "/home/username/public_html/example.html",  
    "dir": "/home/username/public_html"  
  }  
}
```



Note:

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

Parameters

Parameters	Type	Description	Possible values	Example
dir	<i>string</i>	Required The file path to the directory that contains the selected file.	The absolute path to the directory.	/home /user /public. html
file	<i>string</i>	Required The files to retrieve.	A valid filename.	example. html

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Email: [add_spam_filter](#)

Email: [browse_mailbox](#)

Email: [change_mx](#)

Email: [check_fastmail](#)

Email: [check_pipe_forwarder](#)

Email: [count_autoresponders](#)

Email: [count_filters](#)

Email: [count_forwarders](#)

Email: [count_lists](#)

Email: [count_pops](#)

Email: [delete_autoresponder](#)

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](#)

from_charset	<i>string</i>	The system's predefined encoding.	<ul style="list-style-type: none">An encoding language.<code>_DETECT_</code> — auto-detect the selected file's encoding type.	<code>_DETECT_</code>
to_charset	<i>string</i>	The character set in which to encode the file.	<ul style="list-style-type: none">An encoding language.<code>_LOCALE_</code> — look up the current locale's encoding language.	<code>_LOCALE_</code>

Returns

Return	Type	Description	Possible values	Example
<code>dir</code>	<i>string</i>	The file path to the directory that contains the selected file.	A valid absolute path.	<code>/home/user/public_html</code>
<code>filename</code>	<i>string</i>	The file's name.	A valid filename.	<code>example.html</code>
<code>path</code>	<i>string</i>	The path to the file.	A valid absolute path.	<code>/home/user/public_html/example.html</code>
<code>content</code>	<i>string</i>	The file's contents, encoded in the UTF-8 character set.	A string value.	<code>"hi"</code>
<code>from_charset</code>	<i>string</i>	The file's character set.	A cPanel-supported character set encoding .	UTF-8
<code>to_charset</code>	<i>string</i>	The file's new character set.	A cPanel-supported character set encoding .	UTF-8

Find a function

Related functions

- [UAPI Modules - Fileman](#) — The `Fileman` module provides access to file functions.
- [UAPI Functions - Fileman::autocomplete_dir](#) — This function returns any files and directories that begin with a specified string.
- [UAPI Functions - Fileman::empty_trash](#) — This function purges content from the `.trash` folder in the user's home directory.
- [UAPI Functions - Fileman::get_file_content](#) — This function retrieves a file's content.
- [UAPI Functions - Fileman::get_file_information](#) — This function returns the information for a specified file or directory.

Email:: fts_rescan_mailbox

Email:: generate_mailman_otp

Email:: get_auto_responder

Email:: get_charsets

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_auto_responders

Email:: list_default_address

Email:: list_domain_forwarders

Email:: list_filters

Email:: list_filters_backups

Email: [list_forwards](#)

Email: [list_forwards_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](#)

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:: [add_authn_link](#)

ExternalAuthentication:: [configured_modules](#)

ExternalAuthentication:: [get_authn_links](#)

ExternalAuthentication:: [has_external_auth_modules_configured](#)

ExternalAuthentication:: [remove_authn_link](#)

Features:: [get_feature_metadata](#)

Features:: [has_feature](#)

Features:: [list_features](#)

Fileman:: [autocomplete_dir](#)

Fileman:: [empty_trash](#)

Fileman:: [get_file_content](#)

Fileman:: [get_file_information](#)

Fileman:: [list_files](#)

Fileman:: [save_file_content](#)

Fileman:: [transcode](#)

Fileman:: [upload_files](#)

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](#)

Gpg:: [delete_keypair](#)

Gpg:: [export_public_key](#)

Gpg:: [export_secret_key](#)

Gpg:: [generate_key](#)

Gpg:: [import_key](#)

Gpg:: [list_public_keys](#)

Gpg:: [list_secret_keys](#)

ImageManager:: [convert_file](#)

ImageManager:: [create_thumbnails](#)

ImageManager:: [get_dimensions](#)

ImageManager:: [resize_image](#)

Integration:: [fetch_url](#)

KnownHosts:: [create](#)

KnownHosts:: [delete](#)

KnownHosts:: [update](#)

KnownHosts:: [verify](#)

LangPHP:: [php_get_domain_handler](#)

LangPHP:: [php_get_impacted_domains](#)

LangPHP:: [php_get_installed_versions](#)

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:: [get_last_or_current_logged_in_ip](#)

Locale:: [get_attributes](#)

Locale:: [list_locales](#)

Locale:: [set_locale](#)

Mailboxes:: [expunge_mailbox_messages](#)

Mailboxes:: [expunge_messages_for_mailbox_guid](#)

Mailboxes:: [get_mailbox_status](#)

Mailboxes:: [has_utf8_mailbox_names](#)

Mailboxes:: [set_utf8_mailbox_names](#)

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](#)

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:: [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:: [disable_all_domains](#)

ModSecurity:: [disable_domains](#)

ModSecurity:: [enable_all_domains](#)

ModSecurity:: [enable_domains](#)

ModSecurity:: [has_modsecurity_installed](#)

ModSecurity:: [list_domains](#)

Mysql:: [add_host](#)

Mysql:: [add_host_note](#)

Mysql:: [check_database](#)

Mysql:: create_data
base

Mysql:: create_user

Mysql:: delete_data
base

Mysql:: delete_host

Mysql:: delete_user

Mysql:: dump_datab
ase_schema

Mysql:: get_host_no
tes

Mysql:: get_privileg
es_on_database

Mysql:: get_restricti
ons

Mysql:: get_server_i
nformation

Mysql:: list_databas
es

Mysql:: list_routines

Mysql:: list_users

Mysql:: locate_serv
er

Mysql:: rename_dat
abase

Mysql:: rename_user

Mysql:: repair_datab
ase

Mysql:: revoke_acc
ess_to_database

Mysql:: set_password

Mysql:: set_privilege
s_on_database

Mysql:: update_privi
leges

Notifications:: get_n
otifications_count

NVData:: get

NVData:: set

Parser:: firstfile_rela
tive_uri

PassengerApps:: di
sable_application

PassengerApps:: ed
it_application

PassengerApps:: en
able_application

PassengerApps:: en
sure_deps

PassengerApps:: lis
t_applications

PassengerApps:: register_application

PassengerApps:: unregister_application

PasswdStrength:: get_required_strength

Personalization::set

Personalization ::get

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:: send_test_message

Quota:: get_quota_info

Resellers:: list_accounts

ResourceUsage:: get_usages

Restore:: directory_listing

Restore:: get_users

Restore:: query_file_info

Restore:: restore_file

Session:: create_temp_user

ServerInformation:: get_information

SiteTemplates:: list_site_templates

SiteTemplates:: list_user_settings

SiteTemplates:: publish

SpamAssassin :: clear_spam_box

SpamAssassin:: get_symbolic_test_names

SpamAssassin:: get_user_preferences

SpamAssassin:: update_user_preference

SSH:: get_port

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_for_domain

SSL:: fetch_cert_info

SSL:: fetch_certificates_for_fqdns

SSL:: fetch_key_and_cabundle_for_certificate

SSL:: find_certificates_for_key

SSL:: find_csrs_for_key

SSL:: generate_cert

SSL:: generate_csr

SSL:: generate_key

SSL:: get_autossl_excluded_domains

SSL:: get_autossl_pending_queue

SSL:: get_autossl_problems

SSL:: get_cabundle

SSL:: get_cn_name

SSL:: install_ssl

SSL:: installed_host

SSL:: installed_hosts

SSL:: is_autossl_
check_in_progress

SSL:: is_mail_sni_
supported

SSL:: is_sni_
supported

SSL:: list_certs

SSL:: list_csrs

SSL:: list_keys

SSL:: list_ssl_items

SSL:: mail_sni_
status

SSL:: rebuild_mail_
sni_config

SSL:: rebuildssldb

SSL:: remove_
autossl_excluded_
domains

SSL:: set_
autossl_
excluded_
domains

SSL:: set_cert_
friendly_
name

SSL:: set_csr_
friendly_
name

SSL:: set_key_
friendly_
name

SSL:: set_
primary_
ssl

SSL:: set_ssl_
share

SSL:: show_cert

SSL:: show_csr

SSL:: show_key

SSL:: start_
autossl_
check

SSL:: toggle_
ssl_
directs_
for_
domains

SSL:: upload_cert

SSL:: upload_key

StatsBar:: get_stats

Styles:: current

Styles:: list

Styles:: set_
default

Styles:: update

SubDomain:: add_
sub_
domain

Themes:: get_
theme_
base

Themes:: list

Themes:: [update](#)

Tokens:: [create_full_access](#)

Tokens:: [list](#)

Tokens:: [rename](#)

Tokens:: [revoke](#)

TwoFactorAuth:: [generate_user_configuration](#)

TwoFactorAuth:: [get_user_configuration](#)

TwoFactorAuth:: [remove_user_configuration](#)

TwoFactorAuth:: [set_user_configuration](#)

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:: [delete](#)

UserTasks:: [retrieve](#)

VersionControl:: [create](#)

VersionControl:: [delete](#)

VersionControl:: [retrieve](#)

VersionControl:: [update](#)

VersionControlDeployment:: [create](#)

VersionControlDeployment:: [delete](#)

VersionControlDeployment:: [retrieve](#)

WebDisk:: [delete_user](#)

WebDisk:: [set_home_dir](#)

WebDisk:: [set_password](#)

WebDisk:: [set_permissions](#)

WebmailApps:: [list_webmailapps](#)

WebVhost:: [list_domains](#)

WebVhost:: [list_ssl_capable_domains](#)

WordPressBackup:: [any_running](#)

WordPressBackup:: [cancel](#)

WordPressBackup:: [cleanup](#)

WordPressBackup:: [get_available_backups](#)

WordPressBackup:: [is_running](#)

WordPressBackup:: [start](#)

WordPressInstance
Manager:: [cancel_scan](#)

WordPressInstance
Manager:: [cleanup_scan](#)

WordPressInstance
Manager:: [change_admin_password](#)

WordPressInstance
Manager:: [configure_autoupdate](#)

WordPressInstance
Manager:: [get_api_version](#)

WordPressInstance
Manager:: [get_instance_by_id](#)

WordPressInstance
Manager:: [get_instances](#)

WordPressInstance
Manager:: [get_latest_wordpress_version_from_wordpress_org](#)

WordPressInstance
Manager:: [get_scan_results](#)

WordPressInstance
Manager:: [is_installable_addon_available](#)

WordPressInstance
Manager:: [start_scan](#)

WordPressRestore::
[any_running](#)

WordPressRestore::
[cleanup](#)

WordPressRestore::
[start](#)