

# UAPI Functions - Fileman::transcode

## Guide to UAPI

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

Backup  
Backup:: fullbacku  
p\_to\_ftp

Backup:: fullbacku  
p\_to\_homedir

Backup:: fullbacku  
p\_to\_scp\_with\_key

Backup:: fullbacku  
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

## Description

This function converts a buffer from one encoding language to another.

### 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

### ▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess##  
▼ #####/execute/Fileman/transcode?from_charset=utf-8&to_charset=us-ascii&content="hi"&discard_illegal=1&transliterate=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 Fileman module provides access to file functions.

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

- Branding:: image
- Branding:: include
- Branding:: spritelist
- CacheBuster
  - CacheBuster:: read
  - CacheBuster:: update
- Chkservd
  - Chkservd:: get\_exit\_ports
  - Chkservd:: get\_exit\_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

```

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

// Convert file from
UTF-8 to ASCII.
$conver = $cpnl->uapi(
    'Fileman',
    'transcode',
    array(
        'from_charset' =>
'UTF-8',
        'to_charset' =>
'ASCII',
        'content' =>
'"hi"',
        'discard_illegal'
=> '0',
        'transliterate' =>
'0',
    )
);

```

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

**Notes:**

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- ).'
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- ).

## Find a function

reports the first file's URI, relative to the cPanel base directory.

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.

# Convert file from
UTF-8 to ASCII.
my $
convert_file_encoding
= $cpliveapi->uapi(
'Fileman',
'transcode',
{
'from_charset' =>
'UTF-8',
'to_charset' =>
'ASCII',
'content' =>
"hi",
'discard_illegal'
=> '0',
'transliterate' =>
'0',
}
);
```

#### **Note:**

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

- [UAPI Modules - Parser](#) — The Parser module returns parsed URI information.
- [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.

Email: browse\_mailbox  
Email: change\_mx  
Email: check\_fast\_mail  
Email: check\_pipe\_forwarder  
Email: delete\_auto\_responder  
Email: delete\_do\_main\_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\_charse

## ▼ cPanel Template Toolkit

```
<!-- Get a hash of all the data, then display the charset value. -->
[% data = execute(
  'Fileman',
  'upload_files'
  {'from_charset' =>
    'UTF-8', 'to_charset'
    => 'ASCII', 'content'
    => '"hi",
    'discard_illegal' =>
    '1', 'transliterate'
    => '0',} ); %]
[% FOREACH q =
  data.path %]
  <p>
    [% q %]
  </p>
[% END %]

<!-- Get only a hash of the data. -->
[% execute('Fileman',
  'upload_files'
  {'from_charset' =>
    'UTF-8', 'to_charset'
    => 'ASCII', 'content'
    => '"hi",
    'discard_illegal' =>
    '1', 'transliterate'
    => '0',} ).data.path
  %]
```

**Note:**

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

- UAPI Functions - Fileman:empty\_trash - This function purges content from the trash folder in the user's home directory.

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

## Command Line

```
uapi --user=username
Fileman transcode
from_charset=utf-8
to_charset=us-ascii
content="\hi\"
discard_illegal=1
transliterate=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
```

## Output (JSON)

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

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\_loggin

Email: suspend\_outgoing

Email: trace\_filter

Email: unsuspend\_incoming

Email: unsuspend\_login

Email: unsuspend\_outgoing

Email: verify\_password

#### ▼ EmailAuth

EmailAuth: disable\_dkim

EmailAuth: enable\_dkim

EmailAuth: ensure\_dkim\_keys\_exist

#### 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
content	<i>string</i>	<b>Required</b> The file's contents.	A string value.	"hi"
from_charset	<i>string</i>	The file's current character set encoding.	Any cPanel-supported character set encoding.	UTF-8
to_charset	<i>string</i>	The character set encoding in which to encode the file.	Any cPanel-supported character set encoding.	ASCII
discard_illegal	<i>Boolean</i>	Whether to discard any characters that do not transcode correctly.	<ul style="list-style-type: none"><li>1 — Discard invalid characters.</li><li>0 — Transcode invalid characters in the default character set encoding.</li></ul>	1
transliterate	<i>Boolean</i>	Whether to transcode invalid characters to valid characters in the new character set encoding.	<ul style="list-style-type: none"><li>1 — Transcode invalid characters in the new character set encoding.</li><li>0 — Return an error message.</li></ul>	0

## Returns

Return	Type	Description	Possible values	Example
content	<i>string</i>	The file content.	A string value.	"hi"
charset	<i>string</i>	The file's new character set.	A cPanel-supported character set encoding.	ASCII

EmailAuth:: fetch\_  
dkim\_private\_keys

EmailAuth:: install  
\_dkim\_private\_key  
s

EmailAuth:: install  
\_spf\_records

EmailAuth:: validat  
e\_current\_dkims

EmailAuth:: validat  
e\_current\_ptrs

EmailAuth:: validat  
e\_current\_spfs

ExternalAuthenticat  
ion

ExternalAuthentic  
ation:: add\_auth\_li  
nk

ExternalAuthentic  
ation:: configured\_  
modules

ExternalAuthentic  
ation:: get\_authn\_lin  
ks

ExternalAuthentic  
ation:: has\_external  
\_auth\_modules\_co  
nfigured

ExternalAuthentic  
ation:: remove\_auth  
n\_link

Features

Features:: has\_fea  
ture

Features:: list\_feat  
ures

Fileman

Fileman:: autocom  
pletedir

Fileman:: empty\_tr  
ash

Fileman:: get\_file\_  
content

Fileman:: get\_file\_i  
nformation

Fileman:: list\_files

Fileman:: save\_file  
\_content

Fileman:: transcod  
e

Fileman:: upload\_fi  
les

Ftp

Ftp:: add\_ftp

Ftp:: allows\_anonymous\_ftp

Ftp:: allows\_anonymous\_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\_versions

LangPHP:: php\_get



t\_system\_default\_  
version

LangPHP:: php\_ge  
t\_vhost\_versions

LangPHP:: php\_ini  
\_get\_user\_basic\_d  
irectives

LangPHP:: php\_ini  
\_get\_user\_content

LangPHP:: php\_ini  
\_get\_user\_paths

LangPHP:: php\_ini  
\_set\_user\_basic\_d  
irectives

LangPHP:: php\_ini  
\_set\_user\_content

LangPHP:: php\_se  
t\_vhost\_versions

▼ LastLogin

LastLogin:: get\_las  
t\_or\_current\_logge  
d\_in\_ip

▼ Locale

Locale:: get\_attri  
butes

▼ Mailboxes

Mailboxes:: expun  
ge\_mailbox\_mess  
ages

Mailboxes:: expun  
ge\_messages\_for  
\_mailbox\_guid

Mailboxes:: get\_m  
ailbox\_status

Mailboxes:: has\_ut  
f8\_mailbox\_names

Mailboxes:: set\_utf  
8\_mailbox\_names

▼ Market

Market:: cancel\_pe  
nding\_ssl\_certifica  
te

Market:: create\_sh  
opping\_cart

Market:: get\_all\_pr  
oducts

Market:: get\_certifi  
cate\_status\_detail  
s

Market:: get\_login  
\_url

Market:: get\_pendi  
ng\_ssl\_certificates

Market:: get\_provi

der\_specific\_dcv\_  
constraints

Market:: get\_provi  
ders\_list

Market:: get\_ssl\_c  
ertificate\_if\_availa  
ble

Market:: process\_s  
sl\_pending\_queue

Market:: request\_s  
sl\_certificates

Market:: set\_status  
\_of\_pending\_queu  
e\_items

Market:: set\_url\_af  
ter\_checkout

Market:: validate\_l  
ogin\_token

▼ Mime

Mime:: add\_handl  
er

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redire  
ct

Mime:: delete\_han  
dler

Mime:: delete\_hotli  
nk

Mime:: delete\_mim  
e

Mime:: delete\_redi  
rect

Mime:: list\_handler  
s

Mime:: list\_hotlinks

Mime:: list\_mime

Mime:: list\_redirect  
s

Mime:: redirect\_inf  
o

▼ ModSecurity

ModSecurity:: disa  
ble\_all\_domains

ModSecurity:: disa  
ble\_domains

ModSecurity:: ena  
ble\_all\_domains

ModSecurity:: ena  
ble\_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:: d  
isable\_application

PassengerApps:: e  
dit\_application

PassengerApps:: e  
nable\_application

PassengerApps:: li  
st\_applications

PassengerApps:: r  
egister\_application

PassengerApps:: u  
nregister\_applicati  
on

▼ PasswdStrength

PasswdStrength::  
get\_required\_stren  
gth

▼ Personalization

Personalization::se  
t

Personalization ::g  
et

▼ Postgresql

Postgresql:: create  
\_database

Postgresql:: create  
\_user

Postgresql:: delete  
\_database

Postgresql:: get\_re  
strictions

Postgresql:: grant\_  
all\_privileges

Postgresql:: renam  
e\_database

Postgresql:: renam  
e\_user

Postgresql:: renam  
e\_user\_no\_passw  
ord

Postgresql:: revok  
e\_all\_privileges

Postgresql:: set\_p  
assword

▼ Pushbullet

Pushbullet:: send\_  
test\_message

▼ Quota

Quota:: get\_quota  
\_info

▼ Resellers

Resellers:: list\_acc  
ounts

- ▼ ResourceUsage
  - ResourceUsage::  
get\_usages
- ▼ Restore
  - Restore:: directory  
\_listing
  - Restore:: get\_user  
s
  - Restore:: query\_fil  
e\_info
  - Restore:: restore\_f  
ile
- ▼ Session
  - Session:: create\_t  
emp\_user
- ▼ SiteTemplates
  - SiteTemplates:: list  
\_site\_templates
  - SiteTemplates:: list  
\_user\_settings
  - SiteTemplates:: pu  
blish
- ▼ SpamAssassin
  - SpamAssassin :: cl  
ear\_spam\_box
  - SpamAssassin:: g  
et\_symbolic\_test\_  
names
  - SpamAssassin:: g  
et\_user\_preferenc  
es
  - SpamAssassin:: u  
pdate\_user\_prefer  
ence
- ▼ SSH
  - SSH:: get\_port
- ▼ SSL
  - SSL:: add\_autossl  
\_excluded\_domain  
s
  - SSL:: check\_share  
d\_cert
  - SSL:: delete\_cert
  - SSL:: delete\_csr
  - SSL:: delete\_key
  - SSL:: delete\_ssl
  - SSL :: disable\_mai  
l\_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\_autoss\_  
excluded\_domains

SSL:: get\_autoss\_  
pending\_queue

SSL:: get\_autoss\_  
problems

SSL:: get\_cabundl  
e

SSL:: get\_cn\_nam  
e

SSL:: install\_ssl

SSL:: installed\_ho  
st

SSL:: installed\_ho  
sts

SSL:: is\_autoss\_  
check\_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  
oss\_excluded\_do  
mains

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:: upload\_cert

SSL:: upload\_key

▼ StatsBar

StatsBar:: get\_stats

▼ Styles

Styles:: current

Styles:: list

Styles:: set\_default

Styles:: update

▼ SubDomain

SubDomain:: addsubdomain

▼ Themes

Themes:: get\_theme\_base

Themes:: list

Themes:: update

▼ TwoFactorAuth

TwoFactorAuth:: generate\_user\_configuration

TwoFactorAuth:: get\_user\_configuration

TwoFactorAuth:: remove\_user\_configuration

TwoFactorAuth:: set\_user\_configuration

▼ UserManager

UserManager:: check\_account\_conflict

ts

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\_home\_dir

WebDisk:: set\_password

WebDisk:: set\_permissions

▼ WebmailApps



WebmailApps:: list  
webmailapps

▼ WebVhosts

WebVhost:: list\_do  
mains

WebVhost:: list\_ssl  
\_capable\_domains

▼ WordPressBackup

WordPressBackup  
:: any\_running

WordPressBackup  
:: cancel

WordPressBackup  
:: cleanup

WordPressBackup  
:: get\_available\_ba  
ckups

WordPressBackup  
:: is\_running

WordPressBackup  
:: start

▼ WordPressInstance

Manager

WordPressInstanc  
eManager:: cancel  
\_scan

WordPressInstanc  
eManager:: cleanu  
p\_scan

WordPressInstanc  
eManager:: chang  
e\_admin\_passwor  
d

WordPressInstanc  
eManager:: config  
ure\_autoupdate

WordPressInstanc  
eManager:: get\_ap  
i\_version

WordPressInstanc  
eManager:: get\_in  
stance\_by\_id

WordPressInstanc  
eManager:: get\_in  
stances

WordPressInstanc  
eManager:: get\_lat  
est\_wordpress\_ver  
sion\_from\_wordpr  
ess\_org

WordPressInstanc  
eManager:: get\_sc  
an\_results

WordPressInstanc  
eManager:: is\_inst  
allable\_addon\_ava  
ilable

WordPressInstanc  
eManager:: **start\_s  
can**

▼ **WordPressRestore**

WordPressRestore  
:: **any\_running**

WordPressRestore  
:: **cleanup**

WordPressRestore  
:: **start**