

# cPanel API 2 Functions - Fileman::getpath

Guide to cPanel API 2

- Return Data
- Filter and Sort Output
- Paginate Output
- Output Columns
- Calls from the WHM API
- cPanel Tags **(deprecated)**

## Description

This function splits a URI-encoded path into individual parts.

### Warning:

We **strongly** recommend that you use [UAPI](#) instead of cPanel API 2. However, no equivalent UAPI function exists.

### 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

[AddonDomain](#)

### WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=Fileman&cpanel_jsonapi_function=getpath&dir=/home/user/public_html/new_directory
```

### Note:

For more information, read our [Calls from the WHM API](#) documentation.

## Function information

## About this module

The `Fileman` module provides access to file functions.

**Note:** This function is a *File Manager* feature.

- AddonDomain: `addomain`
- AddonDomain: `deladdondomain`
- AddonDomain: `listaddondomains`
- Backups: `listfullbackups`
- Bandwidth: `addhttpbandwidth`
- Bandwidth: `getbwdata`
- Bandwidth: `gethourlyaveragebwoveryear`
- BoxTrapper: `accountmanagelist`
- Branding: `addbrandingobj`
- Branding: `applist`
- Branding: `brandingeditor`
- Branding: `createpkg`
- Branding: `cssmerge`
- Branding: `delbrandingobj`
- Branding: `delpkg`
- Branding: `gensprites`

Branding:: getbrandingpkg

Branding:: getbrandingpkgstatus

Branding:: getdefaultbrandingpkg

Branding:: installbrandingpkgs

Branding:: installimages

Branding:: killimages

Branding:: listingtypes

Branding:: listobjecttypes

Branding:: preloadconf

Branding:: resetall

Branding:: resetscss

Branding:: resethtml

Branding:: resolve\_file

Branding:: resolveocalcss

Branding:: saveocalcss

Branding:: setbrandingpkgstatus

Branding:: showpkgs

Branding:: spritelist

#### ▼ CSVImport

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

CSVImport:: uploadimport

#### ▼ LiveAPI PHP Class

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

```
// Splits a  
URI-encoded directory  
path into individual  
parts.  
$getpath =  
$cpanel->api2(  
    'Fileman',  
    'getpath',  
    array(  
        'dir' =>  
        '/home/user/public_html/new_directory'  
    )  
);
```

**Note:**

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

## About cPanel API 2

cPanel API 2 accesses and modifies data for cPanel accounts.

**Notes:**

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or  
20  
).

## Find a function

-

- Contactus:: isenab led
    - Contactus:: sendc ontact
  - Cron:: add\_line
    - Cron:: edit\_line
    - Cron:: fetchcron
    - Cron:: get\_email
    - Cron:: listcron
    - Cron:: remove\_line
    - Cron:: set\_email
  - CustInfo:: contacte mails
    - CustInfo:: contactp refs
    - CustInfo:: displayc ontactinfo
    - CustInfo:: savecon tactinfo
  - DBmap:: status
    - DBmap:: version
  - DKIMUI:: available
    - DKIMUI:: getrecor ds
    - DKIMUI:: install
    - DKIMUI:: installed
    - DKIMUI:: uninstall
  - Denylp:: listdenyip s
  - DiskCounter:: disk \_counter
  - DiskUsage:: buildc ache
    - DiskUsage:: clearc ache
    - DiskUsage:: fetch\_ raw\_disk\_usage
    - DiskUsage:: fetchd iskusage
    - DiskUsage:: fetchd iskusagewithextras

## LiveAPI Perl Module

```

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

# Splits a
URI-encoded directory
path into individual
parts.
my $getpath =
$cpliveapi->api2(
'Fileman',
'getpath',
{
'dir' =>
'/home/user/public_ht
ml/new_directory'
}
);

```

### Note:

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

## cPanel Tag System (deprecated)

### Warnings:

- In cPanel & WHM version 11.30 and later, cPanel tags are **deprecat ed**. We **strongly** recommend that you **only** use the [LiveAPI](#) system to call the cPanel APIs. Examples are **only** present in order to help developers move from the old cPanel tag system to our [LiveAPI](#).
- cPanel API 2 calls that use cPanel tags vary in code syntax and in their output.
- For more information, read our [Dep recated cPanel Tag Usage](#) docume ntation.

- cPan el API 2 Func tions - Encod ing: :gue ss\_fil e\_op ts — This functi on retrie ves a file's encod ing and a list of all cPan el-su pport ed c hara cter encod ings .
- cPan el API 2 Func tions - Encod ing: :gue ss\_fil e — This functi on atte mpts to retrie ve a file's chara cter encod ing.

### ▼ DnsLookup

DnsLookup:: name  
2ip

### ▼ DomainLookup

DomainLookup:: c  
ountbaseddomains

DomainLookup:: g  
etbaseddomains

DomainLookup:: g  
etdocroot

DomainLookup:: g  
etdocroots

DomainLookup:: g  
etmaindomain

### ▼ Email

Email:: accountna  
me

Email:: adddomain  
forward

Email:: addforward

Email:: addmx

Email:: addpop

Email:: browsebox  
es

Email:: changemx

Email:: checkmain  
discard

Email:: clearpopca  
che

Email:: deletefilter

Email:: delforward

Email:: delmx

Email:: delpop

Email:: disablefilter

Email:: editquota

Email:: enablefilter

Email:: fetchautore  
sponder

Email:: fetchcharm  
aps

Email:: filteractions

Email:: filterlist

Email:: filtername

Email:: filterrules

Email:: get\_archivi  
ng\_configuration

Email:: get\_archivi  
ng\_default\_configu

### ▼ Command Line

```
cpapi2  
--user=username  
Fileman getpath  
dir=%2Fhome%2Fuser%2F  
public_html%2Fnew_dir  
ectory
```

#### Notes:

- You **must** URI-encode values.
- username represents your account-level username.
- You **must** run the `--user=username` command.
- For more information and additional output options, read our [Guide to cPanel API 2](#) documentation or run the `cpapi2 --help` command.
- If you run CloudLinux™, you **must** use the full path of the `cpapi2` command:

```
/usr/local  
/cpanel/bi  
n/cpapi2
```

### ▼ Output (JSON)

```
{  
  "cpanelresult": {  
    "apiversion":  
2,  
    "preevent": {  
      "result":  
1  
    },  
    "postevent":  
{  
      "result":  
1  
    },  
    "func":  
"getpath",  
    "data": [  
      {  
"dirparts": [  
        {
```

- cPanel API 2 Functions - Encoding: get\_encodings — This function retrieves a list of available file character encodings.

- cPanel API 2 Functions - Disk Counter: disk\_counter — This function lists files on your server as a nested directory tree.

ration  
Email: get\_archiving\_types  
Email: get\_default\_email\_quota  
Email: get\_email\_signing  
Email: get\_max\_email\_quota  
Email: getabsbrowse\_dir  
Email: getalwaysaccept  
Email: getdiskusage  
Email: getmxcheck  
Email: has\_delegated\_mailman\_lists  
Email: list\_system\_filter\_info  
Email: listaliasesbackups  
Email: listautoresponders  
Email: listdefaultaddresses  
Email: listdomainforwards  
Email: listfilterbackups  
Email: listfilters  
Email: listforwards  
Email: listlists  
Email: listmaildomains  
Email: listmx  
Email: listmxs  
Email: listpops  
Email: listpopssingle  
Email: listpopswithdisk  
Email: listpopswithimage  
Email: loadfilter  
Email: passwdpop  
Email: reorderfilters

```
"dirurl":  
"/public_html/",  
  
"dirpart":  
"public_html"  
  
},  
  
    {  
  
"dirurl":  
"/public_html/subdomain.example.com/",  
  
"dirpart":  
"subdomain.example.com"  
  
    }  
    ],  
  
"dir":  
"/home/user/public_html/subdomain.example.com"  
  
    }  
    ],  
    "event": {  
        "result":  
1  
    },  
    "module":  
"Fileman"
```

Email:: set\_archiving\_configuration

Email:: set\_archiving\_default\_configuration

Email:: set\_email\_signing

Email:: setalwaysaccept

Email:: setdefaultaddress

Email:: setmxcheck

Email:: storefilter

Email:: tracefilter

#### ▼ EmailTrack

EmailTrack:: search

EmailTrack:: stats

EmailTrack:: trace

#### ▼ Encoding

Encoding:: get\_encodings

Encoding:: guess\_file

Encoding:: guess\_file\_opts

#### ▼ FSTest

FSTest:: dirisempty

#### ▼ Fileman

Fileman:: autocompletedir

Fileman:: fileop

Fileman:: getabsdir

Fileman:: getdir

Fileman:: getdiractions

Fileman:: getdiskinfo

Fileman:: getdittytype

Fileman:: getfileactions

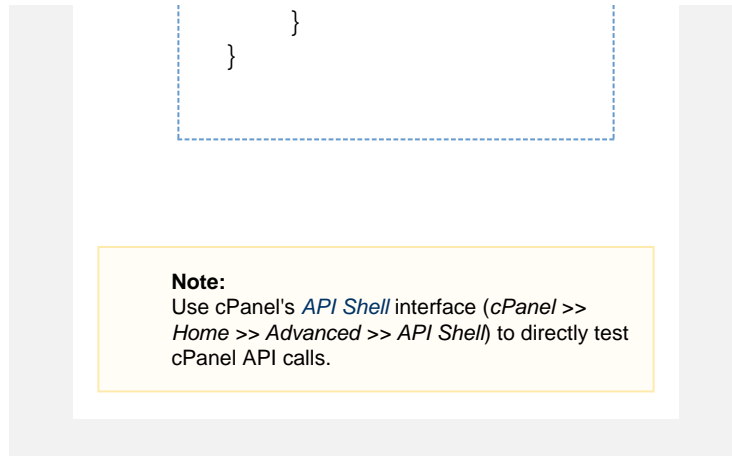
Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

Fileman:: savefile



## Parameters

Parameter	Type	Description	Possible values	Example
dir	string	<b>Required</b> The directory's path.	The absolute path to the directory's location on the server.	/home/user/public_html/new_directory

## Returns

Return	Type	Description	Possible values	Example
dirparts	hash	An array of the cPanel account's directories and subdirectories.	This hash contains the dirurl and dirpart returns.	
dirurl	string	The subdirectory's path. The function returns this value in the dirparts hash.	A valid directory path, relative to the user's home directory.	/public_html/
dirpart	string	The subdirectory's name. The function returns this value in the dirparts hash.	A valid directory name.	public_html
dir	string	The directory's path.	The absolute path to the directory's location on the server.	/home/user/public_html/subdomain.example.com

- Fileman:: search
- Fileman:: statfiles
- Fileman:: uploadfiles
- Fileman:: viewfile
- ▼ ForcePassword
  - ForcePassword:: get\_force\_password\_flags
  - ForcePassword:: update\_force\_password\_flags
- ▼ Frontpage
  - Frontpage:: fopenabled
  - Frontpage:: list
- ▼ Ftp
  - Ftp:: addftp
  - Ftp:: delftp
  - Ftp:: listftp
  - Ftp:: listftpsessions
  - Ftp:: listftpwithdisk
  - Ftp:: passwd
  - Ftp:: setquota
- ▼ Gpg
  - Gpg:: listgpgkeys
  - Gpg:: listsecretgpgkeys
  - Gpg:: number\_of\_private\_keys
  - Gpg:: number\_of\_public\_keys
- ▼ Htaccess
  - Htaccess:: listusers
  - Htaccess:: listusers
- ▼ HttpUtils
  - HttpUtils:: getdirindices
- ▼ ImageManager
  - ImageManager:: thumbnail
- ▼ LVEInfo
  - LVEInfo:: getUsage
- ▼ LangMods
  - LangMods:: getarcname
  - LangMods:: getkey

reason	<i>string</i>	A reason for failure. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"><b>Note</b> : This function only returns a reason value if there was an error.</div>	A string that describes the error.	This is an error message.
result	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> <li>• 1 — The function succeeded.</li> <li>• 0 — The function failed.</li> </ul>	1

LangMods:: getpre  
fix

LangMods:: install

LangMods:: langlis  
t

LangMods:: list\_av  
ailable

LangMods:: list\_in  
stalled

LangMods:: magic  
\_status

LangMods:: pre\_ru  
n

LangMods:: search

LangMods:: setup

LangMods:: uninst  
all

LangMods:: updat  
e

▼ LeechProtect

LeechProtect:: set  
up

▼ Locale

Locale:: get\_encod  
ing

Locale:: get\_html\_  
dir\_attr

Locale:: get\_locale  
\_name

Locale:: get\_user\_  
ocale

Locale:: get\_user\_  
ocale\_name

Locale:: numf

▼ Logaholic

Logaholic:: adduse  
r

Logaholic:: adduse  
rprofile

Logaholic:: deleteu  
ser

Logaholic:: deleteu  
serprofile

Logaholic:: edituse  
r

Logaholic:: fetchus  
er

Logaholic:: listuser  
profiles

Logaholic:: logahol  
iclink



Logaholic:: proces  
sstats

▼ Mime

Mime:: list\_hotlinks

Mime:: listhandlers

Mime:: listmime

Mime:: listredirects

Mime:: redirectname

Mime:: redirecturlname

▼ MysqlFE

MysqlFE:: authorizehost

MysqlFE:: change  
dbuserpassword

MysqlFE:: createdb

MysqlFE:: createdbuser

MysqlFE:: dbuserexists

MysqlFE:: deauthorizehost

MysqlFE:: deletedb

MysqlFE:: deletedbuser

MysqlFE:: getalldb  
sinfo

MysqlFE:: getalldb  
usersanddbs

MysqlFE:: getdbserverprivileges

MysqlFE:: getdbusers

MysqlFE:: gethosts

MysqlFE:: getmysqlprivileges

MysqlFE:: getmysqlserverprivileges

MysqlFE:: has\_my  
cnf\_for\_cpuser

MysqlFE:: listdbs

MysqlFE:: listdbsback  
up

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers  
indb

MysqlFE:: revoked  
buserprivileges

MysqlFE:: setdbus  
erprivileges

MysqlFE:: userdbp  
rivs

▼ MysqlOptimizer

MysqlOptimizer:: f  
etch\_slow\_queries

▼ NVData

NVData:: get

NVData:: set

NVData:: setall

▼ Net

Net:: dnszone

Net:: traceroute

▼ News

News:: does\_news  
\_exist

News:: does\_news  
\_type\_exist

News:: get\_news

▼ PHPINI

PHPINI:: getallopti  
ons

PHPINI:: getoption  
s

▼ Park

Park:: listaddondo  
mains

Park:: listparkeddo  
mains

Park:: park

Park:: unpark

▼ Passwd

Passwd:: change\_  
password

Passwd:: set\_dige  
st\_auth

▼ PasswdStrength

PasswdStrength::  
appstrengths

PasswdStrength::  
get\_password\_stre  
ngth

PasswdStrength::  
get\_required\_stren  
gth

▼ Postgres

Postgres:: listdbs

Postgres:: listusers

Postgres:: listusers  
indb

Postgres:: userexi  
sts

▼ Rand

Rand:: getranddat  
a

▼ Resellers

Resellers:: get\_su  
b\_accounts

▼ RoR

RoR:: addapp

RoR:: changeapp

RoR:: importrails

RoR:: listapps

RoR:: listrewrites

RoR:: needsimport

RoR:: removeapp

RoR:: removerewri  
te

RoR:: restartapp

RoR:: setuprewrite

RoR:: softrestartap  
p

RoR:: startapp

RoR:: stopapp

▼ SetLang

SetLang:: setlocale

▼ SourceIPCheck

SourceIPCheck:: a  
ddip

SourceIPCheck:: d  
elip

SourceIPCheck:: g  
etaccount

SourceIPCheck:: li  
stips

SourceIPCheck:: l  
oadsecquestions

SourceIPCheck:: r  
esetsecquestions

SourceIPCheck:: s  
amplequestions

SourceIPCheck:: s  
avesecquestions

▼ SPFUJ

SPFUJ:: available

SPFUJ:: count\_sett  
ings

SPFUI:: entries\_co  
mplete

SPFUI:: get\_raw\_r  
ecord

SPFUI:: getmainse  
rverip

SPFUI:: install

SPFUI:: installed

SPFUI:: list\_settin  
gs

SPFUI:: load\_curr  
ent\_values

SPFUI:: uninstall

▼ SSH

SSH:: authkey

SSH:: converttopp  
k

SSH:: delkey

SSH:: fetchkey

SSH:: genkey

SSH:: genkey\_leg  
acy

SSH:: importkey

SSH:: listkeys

▼ SSL

SSL:: fetchcabundl  
e

SSL:: fetchinfo

SSL:: genctr

SSL:: gencsr

SSL:: genkey

SSL:: getcnname

SSL:: installssl

SSL:: listcrts

SSL:: listcsrs

SSL:: listkeys

SSL:: listsslitems

SSL:: uploadcrt

SSL:: uploadkey

▼ SSLInfo

SSLInfo:: fetchinfo

▼ StatCache

StatCache:: clearc  
ache

▼ Stats

Stats:: getmonthly

bandwidth

Stats:: getmonthly  
domainbandwidth

Stats:: getthismont  
hsbwusage

Stats:: lastapache  
hits

Stats:: lastvisitors

Stats:: listanalog

Stats:: listawstats

Stats:: listlastvisito  
rs

Stats:: listrawlogs

Stats:: listurchin

Stats:: listwebalize  
r

▼ StatsBar

StatsBar:: getrowc  
ounter

StatsBar:: rowcoun  
ter

StatsBar:: setrowc  
ounter

StatsBar:: stat

▼ SubDomain

SubDomain:: adds  
ubdomain

SubDomain:: chan  
gedocroot

SubDomain:: delsu  
bdomain

SubDomain:: getre  
servedsubdomains

SubDomain:: listsu  
bdomains

SubDomain:: validr  
egex

▼ Themes

Themes:: apply\_n  
ew\_theme

Themes:: does\_cp  
anel\_theme\_exist

Themes:: get\_avail  
able\_themes

Themes:: get\_the  
mes\_list

Themes:: restore\_  
saved\_theme

▼ UI

UI:: dynamicinclud  
elist

UI:: includelist

UI:: listform

UI:: paginate

UI:: paginate\_list

▼ UserHttpUtils

UserHttpUtils:: get  
dirindices

▼ WebDisk

WebDisk:: addweb  
disk

WebDisk:: delweb  
disk

WebDisk:: hasdige  
st

WebDisk:: listwebd  
isks

WebDisk:: passwd  
webdisk

WebDisk:: set\_dig  
est\_auth

WebDisk:: set\_ho  
mdir

WebDisk:: set\_per  
ms

WebDisk:: setstatu  
s

▼ WebmailApps

WebmailApps:: list  
webmailapps

▼ ZoneEdit

ZoneEdit:: add\_zo  
ne\_record

ZoneEdit:: edit\_zo  
ne\_record

ZoneEdit:: fetch\_c  
panel\_generated\_  
domains

ZoneEdit:: fetchzo  
ne

ZoneEdit:: fetchzo  
ne\_records

ZoneEdit:: fetchzo  
nes

ZoneEdit:: get\_zon  
e\_record

ZoneEdit:: remove  
\_zone\_record

ZoneEdit:: resetzo  
ne

