

cPanel API 2 Functions - Fileman::search

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 recursively searches for a file within a directory.

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.

Function information

About this module

The Fileman module provides access to file functions.

Note:
This function is a File Management feature.

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=search&dir=%2Fhome%2Fexample&attributes=user%7Cgroupusage%7Csize%7Ctype%7Cmode%7Cctime%7Cmtime
```

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

- AddonDomain: addaddondomain
- 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:: showpackages

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.  
  
// Search for files  
that begin with  
/home/example  
$search_files =  
$cpanel->api2(  
    'Fileman',  
    'search',  
    array(  
        'dir' =>  
        'home/example'  
        'attributes' =>  
        'user|groupusage|size  
|type|mode|ctime|atime|mtime'  
    )  
);
```

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:

- The
Fe

int
• Ur
mi
us
20
or
20
)`
20
or
20
)

Find a function

•

- Contactus:: isenab led
 - Contactus:: sendcontact
 - Cron:: add_line
 - Cron:: edit_line
 - Cron:: fetchcron
 - Cron:: get_email
 - Cron:: listcron
 - Cron:: remove_line
 - Cron:: set_email
 - CustInfo:: contactemails
 - CustInfo:: contactprefs
 - CustInfo:: displaycontactinfo
 - CustInfo:: savecontactinfo
 - DBmap:: status
 - DBmap:: version
 - DKIMUI:: available
 - DKIMUI:: getrecords
 - DKIMUI:: install
 - DKIMUI:: installed
 - DKIMUI:: uninstall
 - DenyIp:: listdenyips
 - DiskCounter:: disk_counter
 - DiskUsage:: buildcache
 - DiskUsage:: clearcache
 - DiskUsage:: fetch_raw_disk_usage
 - DiskUsage:: fetchdiskusage
 - DiskUsage:: fetchdiskusagewithextras

LiveAPI Perl Module

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

# Search for files
that begin with
/home/example
my $search_files =
$cpliveapi->api2(
'Fileman',
'search',
{
'dir' =>
'home/example'
'attributes' =>
'user|groupusage|size
|type|mode|ctime|atim
e|mtime'
}
);
```

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 **deprecated**. 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 [Deprecated cPanel Tag Usage](#) documentation.

- cPanel API 2 Functions - Encoding: :guess_file_ops — This function retrieves a file's encoding and a list of all cPanel-supported character encodings.

- cPanel API 2 Functions - Encoding: :guess_file — This function attempts to retrieve a file's character encoding.

▼ 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 search
dir=home%2Fexample
attributes=user%7Cgro
upusage%7Csize%7Ctype
%7Cmode%7Cctime%7Cati
me%7Cmtime
```

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,
    "func": "search",
    "data": [
      {
        "ctime":
1414597689,
        "mtime":
1414597689,
        "mode": 457,
        "file":
"/home/example",
        "size": 4096,
        "mimeinfo":
"homeb",
        "groupusage":
64768,
        "user":
```

- 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

```
"example",  
  "type":  
  "dir",  
  "atime":  
  1412105321  
  },  
  {  
    "ctime":  
    1412105376,  
    "mtime":  
    1412105376,  
    "mode": 384,  
    "file":  
    "/home/example/.lastlogin",  
    "size": 10,  
    "mimeinfo":  
    "text-x-generic",  
    "groupusage":  
    64768,  
    "user":  
    "example",  
    "type":  
    "file",  
    "atime":  
    1412105376  
    },  
    {  
      "ctime":  
      1412233359,  
      "mtime":  
      1412233359,  
      "mode": 416,  
      "file":  
      "/home/example/cpbackup-exclude.conf",  
      "size": 1,  
      "mimeinfo":  
      "text-plain",  
      "groupusage":  
      64768,  
      "user":  
      "example",  
      "type":  
      "file",  
      "atime":  
      1412233359  
      }  
    ],  
    "event": {  
      "result": 1  
    },  
    "module":
```

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: getedittype

Fileman: getfileactions

Fileman: getpath

Fileman: listfiles

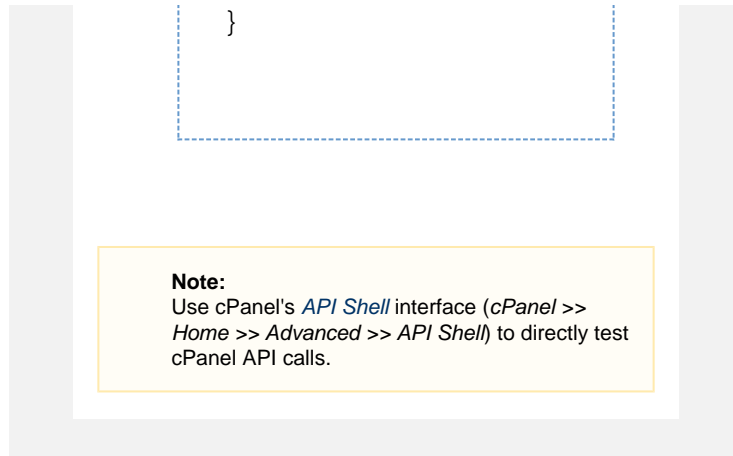
Fileman: mkdir

Fileman: mkfile

Fileman: savefile

```
"Fileman"  
}
```

- Fileman:: search
- Fileman:: statfiles
- Fileman:: uploadfiles
- Fileman:: viewfile
- ForcePassword
 - ForcePassword:: get_force_password_flags
 - ForcePassword:: update_force_password_flags
- Frontpage
 - Frontpage:: fpenabled
 - 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:: listuser
 - Htaccess:: listusers
- HttpUtils
 - HttpUtils:: getdirindices
- ImageManager
 - ImageManager:: thumbnail
- LVEInfo
 - LVEInfo:: getUsage
- LangMods
 - LangMods:: getarchname
 - LangMods:: getkey



Parameters

Parameter	Type	Description	Possible values	Example
dir	string	<p>The path to search.</p> <p>This parameter defaults to the home directory.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note :</p> <p>The function also searches this directory's subdirectories if the recursive value is 1.</p> </div>	Any valid absolute file path.	/home/user

LangMods:: getprefix

LangMods:: install

LangMods:: langlist

LangMods:: list_available

LangMods:: list_installed

LangMods:: magic_status

LangMods:: pre_run

LangMods:: search

LangMods:: setup

LangMods:: uninstall

LangMods:: update

▼ LeechProtect

 LeechProtect:: setup

▼ Locale

 Locale:: get_encoding

 Locale:: get_html_dir_attr

 Locale:: get_locale_name

 Locale:: get_user_locale

 Locale:: get_user_locale_name

 Locale:: numf

▼ Logaholic

 Logaholic:: adduser

 Logaholic:: adduserprofile

 Logaholic:: deleteuser

 Logaholic:: deleteuserprofile

 Logaholic:: edituser

 Logaholic:: fetchuser

 Logaholic:: listuserprofiles

 Logaholic:: logaholiclink

attributes	<i>string</i>	<p>A list of attributes to return for each result.</p> <p>If you do not use this parameter, the function will not return any attributes.</p>	<ul style="list-style-type: none"> • <code>user</code> — Search for the file's owner's name. • <code>groupusage</code> — Search for the file's group's name. • <code>size</code> — Search for the file size. • <code>type</code> — Search for the file type. • <code>mode</code> — Search for the file's permissions. • <code>ctime</code> — Search for the file's creation time. • <code>atime</code> — Search for the last time that the file was accessed. • <code>mtime</code> — Search for the last time that the file was modified. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Note : Separate multiple attributes with the pipe character (<code> </code>).</p> </div>	<code>user size type mode ctime</code>
recursive	<i>Boolean</i>	<p>Whether to perform the search recursively.</p> <p>This parameter defaults to 0.</p>	<ul style="list-style-type: none"> • 1 — Search recursively. • 0 — Do not search recursively. 	1

- Logaholic:: proces sstats
- ▼ Mime
 - Mime:: list_hotlinks
 - Mime:: listhandlers
 - Mime:: listmime
 - Mime:: listredirects
 - Mime:: redirectname
 - Mime:: redirectname
- ▼ 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:: getdbuserprivileges
 - MySQLFE:: getdbusers
 - MySQLFE:: gethosts
 - MySQLFE:: getmysqlprivileges
 - MySQLFE:: getmysqlserverprivileges
 - MySQLFE:: has_my_cnf_for_cpuser
 - MySQLFE:: listdbs
 - MySQLFE:: listdbsbackup
 - MySQLFE:: listhosts
 - MySQLFE:: listusers
 - MySQLFE:: listusersindb

mimeinfo	<i>Boolean</i>	Whether to return the mimeinfo return. This parameter defaults to 1.	<ul style="list-style-type: none"> • 1 — Return the mimeinfo return for each result. • 0 — Do not return the mimeinfo return for each result. 	1
regex	<i>string</i>	A Perl Compatible Regular Expression (PCRE) that filters the results. If you do not use this parameter, the function returns information for all of a directory's files.	A valid PCRE.	user

Returns

Return	Type	Description	Possible values	Example
atime	<i>integer</i>	The file's last accessed time.	A Unix time stamp.	1412105376
ctime	<i>integer</i>	The file's creation time.	A Unix time stamp.	1413398577
file	<i>string</i>	The file's name.	A valid path and filename.	/home/example/cpbackup-exclude.conf
groupusage	<i>integer</i>	The file owner's system group ID.	A positive integer.	64768
mimeinfo	<i>string</i>	The file's MIME type.	A valid MIME type.	text-plain
mode	<i>integer</i>	The file's permissions.	A set of file permissions, in decimal notation format.	493
mtime	<i>integer</i>	The file's last modification time.	A Unix time stamp.	1413830456
size	<i>integer</i>	The size of the file.	A positive integer, in bytes.	4096
type	<i>string</i>	The item type.	<ul style="list-style-type: none"> • file • dir • char • block • fifo • link • socket 	file
user	<i>string</i>	The file owner's user ID.	Any valid user ID on the server.	example

- MysqlFE:: revoked
buserprivileges
- MysqlFE:: setdbu
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

reason	string	A reason for failure Note : This function only returns a reason value if an error occurred.	A string that describes the error.	This is an error message.
result	Boolean	Whether the function succeeded.	<ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. 	1

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

