

cPanel API 2 Functions - Fileman::getdiskinfo

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 returns an account's disk usage statistics.

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=getdiskinfo
```

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 Management* 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:: resetscripts

Branding:: resethtml

Branding:: resolvefile

Branding:: resolveocalcss

Branding:: saveocalcss

Branding:: setbrandingpkgstatus

Branding:: showpackages

Branding:: spriteslist

▼ 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.
```

```
// Return disk usage  
data.  
$getdiskinfo =  
$cpanel->api2(  
    'Fileman',  
    'getdiskinfo'  
);
```

Note:

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

▼ LiveAPI Perl Module

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

```
# Return disk usage  
data.  
my $getdiskinfo =  
$cpliveapi->api2(  
    'Fileman',  
    'getdiskinfo',  
);
```

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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Find a function

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- ▼ Contactus
 - Contactus:: isenab led
 - Contactus:: sendc ontact
- ▼ Cron
 - Cron:: add_line
 - Cron:: edit_line
 - Cron:: fetchcron
 - Cron:: get_email
 - Cron:: listcron
 - Cron:: remove_line
 - Cron:: set_email
- ▼ CustInfo
 - CustInfo:: contacte mails
 - CustInfo:: contactp refs
 - CustInfo:: displayc ontactinfo
 - CustInfo:: savecon tactinfo
- ▼ DBmap
 - DBmap:: status
 - DBmap:: version
- ▼ DKIMUI
 - DKIMUI:: available
 - DKIMUI:: getrecor ds
 - DKIMUI:: install
 - DKIMUI:: installed
 - DKIMUI:: uninstall
- ▼ Denylp
 - Denylp:: listdenyip s
- ▼ DiskCounter
 - DiskCounter:: disk _counter
- ▼ DiskUsage
 - DiskUsage:: buildc ache
 - DiskUsage:: clearc ache
 - DiskUsage:: fetch_ raw_disk_usage
 - DiskUsage:: fetchd iskusage
 - DiskUsage:: fetchd iskusagewithextras

▼ 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.

▼ Command Line

```
cpapi2
--user=username
Fileman getdiskinfo
```

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":
      "getdiskinfo",
    "data": [
      {
        "spacelimit":
```

- cPan el API 2 Func tions - Enco ding: :gue ss_fil e_op ts — This functi on retrie ves a file's enco ding and a list of all cPan el-su pport ed c hara cter enco dings .
- cPan el API 2 Func tions - Enco ding: :gue ss_fil e — This functi on atte mpts to retrie ve a file's char acter enco ding.

- ▼ DnsLookup
 - DnsLookup:: name2ip
- ▼ DomainLookup
 - DomainLookup:: countbaseddomains
 - DomainLookup:: getbaseddomains
 - DomainLookup:: getdocroot
 - DomainLookup:: getdocroots
 - DomainLookup:: getmaindomain
- ▼ Email
 - Email:: accountname
 - Email:: adddomainforward
 - Email:: addforward
 - Email:: addmx
 - Email:: addpop
 - Email:: browseboxes
 - Email:: changemx
 - Email:: checkmaindiscard
 - Email:: clearpopcache
 - Email:: deletefilter
 - Email:: delforward
 - Email:: delmx
 - Email:: delpop
 - Email:: disablefilter
 - Email:: editquota
 - Email:: enablefilter
 - Email:: fetchautoreponder
 - Email:: fetchcharmaps
 - Email:: filteractions
 - Email:: filterlist
 - Email:: filtername
 - Email:: filterrules
 - Email:: get_archiving_configuration
 - Email:: get_archiving_default_configu

```

"500",
"file_upload_remain":
"500",
"filesused_humansize":
"1.11 KB",
"filesremain": "500",
"spaceremain_humansize":
"500",
      "filesused":
1138,
"fileslimit_humansize":
": "500",
"spaceremain": "500",
"spaceused_humansize":
": "42.9 MB",
"file_upload_remain_humansize":
"500",
      "spaceused":
44985851,
"file_upload_max_bytes_humansize":
"90.95 TB",
"file_upload_max_bytes":
999999999999999,
"file_upload_must_leave_bytes":
5242880,
"spacelimit_humansize":
": "500",
"filesremain_humansize":
": "500",
"file_upload_must_leave_bytes_humansize":
"5 MB",
      "fileslimit":
0
    }
  ],
  "event": {
    "result": 1
  }
}

```

- 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.

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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: listaliasbackups

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: listpopswitdisk

Email: listpopswithimage

Email: loadfilter

Email: passwdpop

Email: reorderfilters

```
},  
"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:: `autocomplete_dir`

Fileman:: `fileop`

Fileman:: `getabsdir`

Fileman:: `getdir`

Fileman:: `getdiractions`

Fileman:: `getdiskinfo`

Fileman:: `geteditype`

Fileman:: `getfileactions`

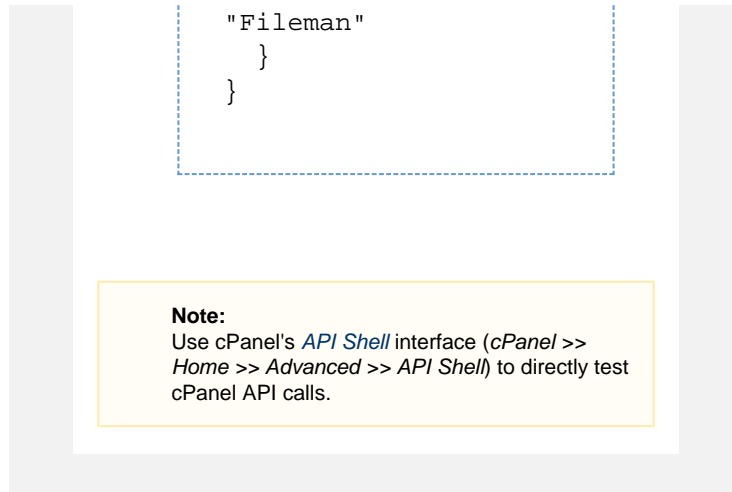
Fileman:: `getpath`

Fileman:: `listfiles`

Fileman:: `mkdir`

Fileman:: `mkfile`

Fileman:: `savefile`



Parameters

This function does not accept parameters.

Returns

Return	Type	Description	Possible values	Example
<code>spacelimit</code>	<i>string</i>	The account's disk space quota.	<ul style="list-style-type: none">• A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB).• — The account has unlimited disk space.	10 MB
<code>file_upload_remain</code>	<i>string</i>	The account's available file upload space.	<ul style="list-style-type: none">• A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB).• — The account has unlimited disk space.	5 MB
<code>filesused_humansize</code>	<i>string</i>	The disk space that the files on the account use.	<ul style="list-style-type: none">• A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB).• — The account has unlimited disk space.	1.11 KB

- 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:: [listusers](#)
 - Htaccess:: [listusers](#)
- HttpUtils
 - HttpUtils:: [getdirindices](#)
- ImageManager
 - ImageManager:: [thumbnail](#)
- LVEInfo
 - LVEInfo:: [getUsage](#)
- LangMods
 - LangMods:: [getarchname](#)
 - LangMods:: [getkey](#)

filesremain	<i>string</i>	The disk space that remains on the account.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	
spaceremain_humansize	<i>string</i>	The disk space that still remains on the account.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	
filesused	<i>integer</i>	The number of files on the account.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	1138
fileslimit_humansize	<i>string</i>	The account's disk space quota that is reserved for files.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	0 bytes
spaceremain	<i>string</i>	The disk space that still remains on the account.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	

LangMods:: [getpre](#)
[fix](#)

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](#)

spaceused_humansize	string	The disk space that still remains on the account.	<ul style="list-style-type: none"> A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). — The account has unlimited disk space. 	42.9 MB
file_upload_remain_humansize	string	The file upload space that still remains on the account.	<ul style="list-style-type: none"> A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). — The account has unlimited disk space. 	
spaceused	string	The amount of disk space used.	<ul style="list-style-type: none"> A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). — The account has unlimited disk space. 	44985851
file_upload_max_bytes_humansize	string	The amount of disk space that must be available to avoid quota issues due to file uploads.	<ul style="list-style-type: none"> A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). — The account has unlimited disk space. 	90.95 TB
file_upload_max_bytes	string	The maximum file size that you can upload through the <i>File Manager</i> .	<ul style="list-style-type: none"> A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). — The account has unlimited disk space. 	999999999999

Logaholic:: proces
sstats

▼ Mime

Mime:: list_hotlinks

Mime:: listhandlers

Mime:: listmime

Mime:: listredirects

Mime:: redirectname

Mime:: redirecturlname

▼ MysqlFE

MysqlFE:: authorizehost

MysqlFE:: change
dbuserpassword

MysqlFE:: created
b

MysqlFE:: created
buser

MysqlFE:: dbuserexists

MysqlFE:: deauthorizehost

MysqlFE:: deleted
b

MysqlFE:: deleted
buser

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:: listusers
indb

file_upload_ must_leave_b ytes	<i>string</i>	The amount of disk space that must be available to avoid quota issues due to file uploads.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	5242880
spacelimit_h umansize	<i>string</i>	The account's disk space quota.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	
filesremain_ humansize	<i>string</i>	The upload file space that still remains on the account.	<ul style="list-style-type: none"> • A positive integer, in Kilobytes (KB), Megabytes (MB), or Gigabytes (GB). • — The account has unlimited disk space. 	
file_upload_ must_leave_b ytes_humansi ze	<i>string</i>	The amount of disk space that must be available to avoid issues due to file uploads.	<ul style="list-style-type: none"> • A positive integer that represents an amount of disk space in bytes. 	5 MB
fileslimit	<i>string</i>	The account's disk space quota that is reserved for files.	<ul style="list-style-type: none"> • A positive integer that represents an amount of disk space in bytes. 	0

- 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	<i>string</i>	A reason for failure <div style="border: 1px solid orange; padding: 5px; width: fit-content; margin: 5px auto;">Note : 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"> • 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

