

cPanel API 2 Functions - DiskUsage::fetchdiskusagewithextras

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 retrieves the account's disk space usage data. The results include content outside of the home directory, such as databases, mailing lists, and mail archives.

Warning:

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

Examples

WHM-API (JSON)

AddonDomain

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=DiskUsage&cpanel_jsonapi_function=fetchdiskusagewithextras
```

Note:

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

Function information

About this module

The DiskUsage module manages and reports disk usage.

AddonDomain:: adddondomain

AddonDomain:: listaddondomain

AddonDomain:: listaddondomains

Backups

Backups:: listfullbackups

Bandwidth

Bandwidth:: addhttpbandwidth

Bandwidth:: getbwdata

Bandwidth:: gethourlyaveragebwoveryear

BoxTrapper

BoxTrapper:: accountmanagelist

Branding

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:: spriteslist

▼ CSVImport

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

▼ LiveAPI PHP Class

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

// Report the raw
disk usage
$report_diskusage =
$cpanel->api2(
    'DiskUsage',
    'fetchdiskusagewithextras'
);
```

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.

# Report the raw disk
usage
my $report_diskusage
= $cpliveapi->api2(
    'DiskUsage',
    'fetchdiskusagewithextras',
);
```

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 `FetchDiskUsage` function returns a list of disk usage information for each account.

Find a function

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

▼ 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.

▼ Command Line

```
cpapi2
--user=username
DiskUsage
fetchdiskusagewithextras
```

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/bin/cpapi2
```

▼ Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
      "fetchdiskusagewithextras",
    "data": [
```

- cPanel API 2 Functions - DiskUsage::clearcache — This function clears the account's cache of disk space usage data.
- cPanel API 2 Functions - DiskUsage::fetch_raw_disk_usage — This function is deprecated and does not return useful output.

```

DiskUsage:: fetchd
iskusagewithextras
  v DnsLookup
    DnsLookup:: name
    2ip
  v DomainLookup
    DomainLookup:: c
    ountbaseddomains
    DomainLookup:: g
    etbaseddomains
    DomainLookup:: g
    etdocroot
    DomainLookup:: g
    etdocroots
    DomainLookup:: g
    etmaindomain
  v 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

```

```

{
  "quotused" :
  16383592,
  "pgsql" :
  27095040,
  "skipmailman" : "1",
  "homedir" : {
    "owner" :
    "example",
    "usage" :
    4096,
    "name" :
    "\/home\/example",
    "contents" :
    [
      {
        "owner" : "example",
        "usage" : 4096,
        "name" :
        ".autorepond",
        "contents" : 0,
        "user_contained_usage
        " : 8192,
        "contained_usage" :
        8192,
        "type" :
        "dir",
        "traversable" : 1
      },
      {
        "owner" : "example",
        "usage" : 4096,
        "name" :
        ".cpaddons",
        "contents" : 1,
        "user_contained_usage
        " : 16384,
        "contained_usage" :
        16384,
        "type" :
        "dir",

```

- cPanel API 2 Functions - Disk Usage::fetchdiskusage — This function retrieves the account's disk usage data.
- cPanel API 2 Functions - Disk Usage::fetchdiskusagehextras — This function retrieves the account's disk space usage data.

Email: get_archiving_default_configuration
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: listpopswitimage
Email: loadfilter
Email: passwdpop

```
"traversable": 1
    },
    {
"owner": "example",
"usage": 4096,
    "name":
".cpanel",
"contents": 3,
"user_contained_usage": 2019328,
"contained_usage": 2019328,
    "type":
"dir",
"traversable": 1
    },
    {
"owner": "example",
"usage": 4096,
    "name":
".gem",
"contents": 1,
"user_contained_usage": 2035712,
"contained_usage": 2035712,
    "type":
"dir",
"traversable": 1
    },
    {
"owner": "example",
"usage": 4096,
    "name":
".htpasswd",
"contents": 1,
```

Email:: reorderfilters
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:: getedittyope
 Fileman:: getfileactions
 Fileman:: getpath
 Fileman:: listfiles
 Fileman:: mkdir
 Fileman:: mkfile

```
"user_contained_usage": 16384,  
"contained_usage": 16384,  
  "type":  
  "dir",  
  "traversable": 1  
  },  
  {  
"owner": "example",  
"usage": 4096,  
  "name":  
  ".razor",  
"contents": 0,  
"user_contained_usage": 24576,  
"contained_usage": 24576,  
  "type":  
  "dir",  
  "traversable": 1  
  },  
  {  
"owner": "example",  
"usage": 4096,  
  "name":  
  ".spamassassin",  
"contents": 0,  
"user_contained_usage": 4096,  
"contained_usage": 4096,  
  "type":  
  "dir",  
  "traversable": 1  
  },  
  {  
"owner": "example",
```

Fileman:: savefile
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:: listftpessions
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:: thumbnails
▼ LVEInfo
LVEInfo:: getUsage
▼ LangMods
LangMods:: getarchname

```
"usage": 4096,  
      "name":  
      ".sqmailattach",  
      "contents": 0,  
      "user_contained_usage": 0,  
      "contained_usage": 0,  
      "type":  
      "dir",  
      "traversable": 1  
    },  
    {  
      "owner": "example",  
      "usage": 4096,  
      "name":  
      ".sqmaildata",  
      "contents": 0,  
      "user_contained_usage": 16384,  
      "contained_usage": 16384,  
      "type":  
      "dir",  
      "traversable": 1  
    },  
    {  
      "owner": "example",  
      "usage": 4096,  
      "name":  
      ".trash",  
      "contents": 0,  
      "user_contained_usage": 0,  
      "contained_usage": 0,  
      "type":  
      "dir",
```

```
LangMods:: getkey
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_l
  ocale
  Locale:: get_user_l
  ocale_name
  Locale:: numf
▼ Logaholic
  Logaholic:: adduse
  r
  Logaholic:: adduse
  rprofile
  Logaholic:: deleteu
  ser
  Logaholic:: deleteu
  serprofile
  Logaholic:: edituse
  r
  Logaholic:: fetchu
  ser
  Logaholic:: listuser
  profiles
  Logaholic:: logahol
```

```
"traversable": 1
    },
    {
"owner": "example",
"usage": 4096,
    "name":
"cpanel3-skel",
"contents": 2,
"user_contained_usage
": 8192,
"contained_usage":
8192,
    "type":
"dir",
"traversable": 1
    },
    {
"owner": "example",
"usage": 4096,
    "name":
"etc",
"contents": 1,
"user_contained_usage
": 90112,
"contained_usage":
90112,
    "type":
"dir",
"traversable": 1
    },
    {
"owner": "example",
"usage": 4096,
    "name":
"logs",
"contents": 0,
"user_contained_usage
```


iclink
Logaholic:: proces
sstats
▼ Mime
Mime:: list_hotlinks
Mime:: listhandlers
Mime:: listmime
Mime:: listredirects
Mime:: redirectna
me
Mime:: redirecturln
ame
▼ MysqlFE
MysqlFE:: authoriz
ehost
MysqlFE:: change
dbuserpassword
MysqlFE:: created
b
MysqlFE:: created
buser
MysqlFE:: dbuser
exists
MysqlFE:: deautho
rizehost
MysqlFE:: deleted
b
MysqlFE:: deleted
buser
MysqlFE:: getalldb
sinfo
MysqlFE:: getalldb
usersanddbs
MysqlFE:: getdbus
erprivileges
MysqlFE:: getdbus
ers
MysqlFE:: gethosts
MysqlFE:: getmys
qlprivileges
MysqlFE:: getmys
qlserverprivileges
MysqlFE:: has_my
cnf_for_cpuser
MysqlFE:: listdbs
MysqlFE:: listdbsb
ackup
MysqlFE:: listhosts
MysqlFE:: listusers
MysqlFE:: listusers

```
": 0,  
"contained_usage": 0,  
    "type":  
"dir",  
"traversable": 1  
    },  
    {  
"owner": "example",  
"usage": 4096,  
    "name":  
"mail",  
"contents": 7,  
"user_contained_usage  
": 1110016,  
"contained_usage":  
1110016,  
    "type":  
"dir",  
"traversable": 1  
    },  
    {  
"owner": "example",  
"usage": 4096,  
    "name":  
"public_ftp",  
"contents": 1,  
"user_contained_usage  
": 4096,  
"contained_usage":  
4096,  
    "type":  
"dir",  
"traversable": 1  
    },  
    {  
"owner": "example",  
"usage": 4096,
```

```

indb
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:: listparkedo
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

```

```

      "name" :
"public_html" ,
"contents" : 4 ,
"user_contained_usage
": 1994752 ,

"contained_usage" :
1998848 ,
      "type" :
"dir" ,

"traversable" : 1
    } ,
    {

"owner" : "example" ,

"usage" : 4096 ,
      "name" :
"rails_apps" ,

"contents" : 1 ,

"user_contained_usage
": 598016 ,

"contained_usage" :
598016 ,
      "type" :

"dir" ,

"traversable" : 1
    } ,
    {

"owner" : "example" ,

"usage" : 4096 ,
      "name" :
"ruby" ,

"contents" : 3 ,

"user_contained_usage
": 700416 ,

"contained_usage" :
700416 ,
      "type" :

"dir" ,

```

Postgres:: listusers
Postgres:: listusers
indb
Postgres:: userexists

▼ Rand
Rand:: getranddata

▼ Resellers
Resellers:: get_sub_accounts

▼ RoR
RoR:: addapp
RoR:: changeapp
RoR:: importrails
RoR:: listapps
RoR:: listrewrites
RoR:: needsimport
RoR:: removeapp
RoR:: removerewrite
RoR:: restartapp
RoR:: setuprewrite
RoR:: softrestartapp
RoR:: startapp
RoR:: stopapp

▼ SetLang
SetLang:: setlocale

▼ SourceIPCheck
SourceIPCheck:: addip
SourceIPCheck:: deleteip
SourceIPCheck:: getaccount
SourceIPCheck:: listips
SourceIPCheck:: loadsecquestions
SourceIPCheck:: resetsecquestions
SourceIPCheck:: samplequestions
SourceIPCheck:: savesecquestions

▼ SPFUI
SPFUI:: available

```
"traversable": 1
  },
  {
    "owner": "example",
    "usage": 4096,
    "name": "ssl",
    "contents": 3,
    "user_contained_usage": 45056,
    "contained_usage": 45056,
    "type": "dir",
    "traversable": 1
  },
  {
    "owner": "example",
    "usage": 4096,
    "name": "thumbs",
    "contents": 1,
    "user_contained_usage": 7225344,
    "contained_usage": 7225344,
    "type": "dir",
    "traversable": 1
  },
  {
    "owner": "example",
    "usage": 4096,
    "name": "tmp",
    "contents": 1,
    "user_contained_usage": 7225344,
```

SPFUI:: count_settings
SPFUI:: entries_complete
SPFUI:: get_raw_record
SPFUI:: getmainserverip
SPFUI:: install
SPFUI:: installed
SPFUI:: list_settings
SPFUI:: load_current_values
SPFUI:: uninstall
▼ SSH
SSH:: authkey
SSH:: converttopk
SSH:: delkey
SSH:: fetchkey
SSH:: genkey
SSH:: genkey_legacy
SSH:: importkey
SSH:: listkeys
▼ SSL
SSL:: fetchbundle
SSL:: fetchinfo
SSL:: genctr
SSL:: gencsr
SSL:: genkey
SSL:: getcname
SSL:: installssl
SSL:: listcrts
SSL:: listcsrs
SSL:: listkeys
SSL:: listsslitems
SSL:: uploadcrt
SSL:: uploadkey
▼ SSLInfo
SSLInfo:: fetchinfo
▼ StatCache
StatCache:: clearcache

```
": 8192,  
"contained_usage":  
8192,  
"type":  
"dir",  
"traversable": 1  
},  
1,  
"user_contained_usage":  
": 16060416,  
"contained_usage":  
16064512,  
"type":  
"dir",  
"traversable": 1  
},  
"mysql": 0,  
"quotlimit":  
null,  
"mailarchives": null,  
"mailman":  
142952  
}  
],  
"event": {  
"result": 1  
},  
"module":
```

- ▼ Stats
 - Stats:: getmonthly bandwidth
 - Stats:: getmonthly domainbandwidth
 - Stats:: getthismont hsbwusage
 - Stats:: lastapache hits
 - Stats:: lastvisitors
 - Stats:: listanalog
 - Stats:: listawstats
 - Stats:: listlastvisitors
 - Stats:: listrawlogs
 - Stats:: listurchin
 - Stats:: listwebalizer

- ▼ StatsBar
 - StatsBar:: getrowcounter
 - StatsBar:: rowcounter
 - StatsBar:: setrowcounter
 - StatsBar:: stat

- ▼ SubDomain
 - SubDomain:: addsubdomain
 - SubDomain:: changedocroot
 - SubDomain:: delsubdomain
 - SubDomain:: getservedsubdomains
 - SubDomain:: listsubdomains
 - SubDomain:: validategex

- ▼ Themes
 - Themes:: apply_new_theme
 - Themes:: does_cpanel_theme_exist
 - Themes:: get_available_themes
 - Themes:: get_themes_list
 - Themes:: restore_saved_theme



Parameters

This function does not accept parameters.

Returns

Return	Type	Description	Possible values	Example
quotused	<i>integer</i>	The account's disk space usage.	A positive integer, in bytes.	16383592
pgsql	<i>integer</i>	The account's PostgreSQL® disk space usage.	A positive integer, in bytes.	27095040
skipmailman	<i>Boolean</i>	Whether to skip Mailman for statistics.	<ul style="list-style-type: none"> • 1 — Skip Mailman. • 0 — Do not skip Mailman. 	1
homedir	<i>hash</i>	A hash of the home directory's contents.	A hash that contains the owner, usage, name, contents, user_contained_usage, contained_usage, type, and transversible returns.	
owner	<i>string</i>	The file object's owner. The function returns this value in the homedir hash.	A valid string.	example

- UI
 - UI:: dynamicincludelist
 - UI:: includelist
 - UI:: listform
 - UI:: paginate
 - UI:: paginate_list
- UserHttpUtils
 - UserHttpUtils:: getdirindices
- WebDisk
 - WebDisk:: addwebdisk
 - WebDisk:: delwebdisk
 - WebDisk:: hasdigest
 - WebDisk:: listwebdisks
 - WebDisk:: passwdwebdisk
 - WebDisk:: setdigest_auth
 - WebDisk:: set_homedir
 - WebDisk:: set_perms
 - WebDisk:: setstatus
- WebmailApps
 - WebmailApps:: listwebmailapps
- ZoneEdit
 - ZoneEdit:: add_zone_record
 - ZoneEdit:: edit_zone_record
 - ZoneEdit:: fetch_panel_generated_domains
 - ZoneEdit:: fetchzone
 - ZoneEdit:: fetchzone_records
 - ZoneEdit:: fetchzones
 - ZoneEdit:: get_zone_record
 - ZoneEdit:: remove_zone_record
 - ZoneEdit:: resetzone

usage	integer	The file object's size. The function returns this value in the homedir hash.	A positive integer, in bytes.	4096
name	string	The file object's name. The function returns this value in the homedir hash.	A valid string.	.autorespond
contents	integer	The count of this file object's contents. The function returns this value in the homedir hash.	A non-negative integer.	0
user_contained_usage	integer	The file object's size, in bytes. The function returns this value in the homedir hash.	A positive integer, in bytes.	8192
contained_usage	integer	The size of file objects that this file object contains. The function returns this value in the homedir hash.	A positive integer, in bytes.	8192
type	string	The file object's type. The function returns this value in the homedir hash.	dir is the only possible value.	dir
traversable	Boolean	Whether the file object is traversible. The function returns this value in the homedir hash.	<ul style="list-style-type: none"> • 1 — Traversable. • 0 — Not traversible. 	1
mysql	integer	The account's MySQL® disk space usage.	A positive integer, in bytes.	0
quotalimit	integer	The account's disk space usage limit.	A positive integer, in bytes.	null
mailarchives	integer	The account's mail archive disk space usage.	A positive integer, in bytes.	null
mailman	integer	The account's Mailman disk space usage.	A positive integer, in bytes.	142952

reason	<i>string</i>	A reason for failure. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;">Note : This function only returns a reason value if it failed.</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