

# cPanel API 2 Functions - PHPINI::getoptions

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 PHP directive configuration information.

### 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 `WebServerRole`, 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=PHPINI&cpanel_jsonapi_function=getoptions&dirlist="engine%7Coutput_buffering%7Cshort_open_tag%7C"&getnull="1"&php_prefix="%2Fusr%2Flocal%2Fcpanel%2F3rdparty%2F"
```

### Note:

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

## Function information

## About this module

The `PHPINI` module retrieves PHP configuration settings.

## About cPanel API 2

- [AddonDomain](#)
  - AddonDomain:: addaddondomain
  - AddonDomain:: deladdondomain
  - 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:: resolvefile

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.  
  
// Get info about PHP  
directives.  
$get_php_directive_in  
fo = $cpanel->api2(  
    'PHPINI',  
    'getoptions',  
    array(  
        'dirlist'  
    )  
=>  
    'engine|output_buffer  
ing|short_open_tag',  
    'getnull'  
=> '1',  
    'php_prefix'  
=>  
    '/usr/local/cpanel/3r  
dparty/',  
    )  
);
```

#### Note:

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

cPanel API 2 accesses and modifies data for cPanel accounts.

#### Notes:

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)

Find  
a  
funct  
ion

- Contactus:: isenab led
    - 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:: contactrefs
    - CustInfo:: displaycontactinfo
    - CustInfo:: savecontactinfo
  - DBmap
    - DBmap:: status
    - DBmap:: version
  - DKIMUI
    - DKIMUI:: available
    - DKIMUI:: getrecords
    - DKIMUI:: install
    - DKIMUI:: installed
    - DKIMUI:: uninstall
  - Denylp
    - Denylp:: listdenylps
  - DiskCounter
    - DiskCounter:: disk\_counter
  - DiskUsage
    - 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.

# Get info about PHP
directives.
my
$get_php_directive_in
fo =
$cpliveapi->api2(
  'PHPINI',
  'getoptions',
  {
    'dirlist'
  }
=>
'engine|output_buffer
ing|short_open_tag',
  'getnull'
=> '1',
  'php_prefix'
=>
'/usr/local/cpanel/3r
dparty/',
  }
);

```

### 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 Functions - PHPI NI::g etopt ions — This functi on retrie ves PHP direc tive confi gurati on infor mati on.
- cPan el API 2 Functions - PHPI NI::g etallo ption s — This functi on retrie ves a PHP confi gurati on file's list of optio ns.

### ▼ 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
PHPINI getoptions
dirlist=engine%7Coutp
ut_buffering%7Cshort_
open_tag getnull=1
php_prefix=%2Fusr%2Fl
ocal%2Fcpanel%2F3rdpa
rty%2F
```

#### 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":
    "getoptions",
    "data": [
      {
        "info":
        "Enable the PHP
        scripting language
        engine under
        Apache.",
        "dirvalue":
        "On",
        "commented":
        0,
        "subsection":
        "Language Options",
```

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

```
"directive":  
"engine",  
  "section":  
  "PHP"  
  },  
  {  
    "info":  
    "Output buffering  
allows you to send  
header lines  
(including cookies)  
even\n after you send  
body content, at the  
price of slowing  
PHP's output layer  
a\n bit. You can  
enable output  
buffering during  
runtime by calling  
the output\n  
buffering functions.  
You can also enable  
output buffering for  
all files by\n  
setting this  
directive to On. If  
you wish to limit the  
size of the buffer\n  
to a certain size -  
you can use a maximum  
number of bytes  
instead of 'On', as\n  
a value for this  
directive (e.g.,  
output_buffering=4096  
).",  
    "dirvalue":  
    "Off",  
    "commented":  
    0,  
    "subsection":  
    "Language Options",  
    "directive":  
    "output_buffering",  
    "section":  
    "PHP"  
    },  
    {  
      "info":  
      "Allow the <? tag.  
Otherwise, only <?php  
and <script> tags are  
recognized. \n NOTE:
```

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

Using short tags should be avoided when developing applications or libraries that are meant for redistribution, or deployment on PHP servers which are not under your control, because short tags may not be supported on the target server. For portable, redistributable code, be sure not to use short tags.

```
"dirvalue":  
"On",  
"commented":  
0,  
"subsection":  
"Language Options",  
"directive":  
"short_open_tag",  
"section":  
"PHP"  
}  
],  
"event": {  
"result": 1  
},  
"module":
```

- 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

```
"PHPINI"
}
}
```

**Note:**  
Use cPanel's *API Shell* interface (*cPanel >> Home >> Advanced >> API Shell*) to directly test cPanel API calls.

## Parameters

Parameter	Type	Description	Possible values	Example
dirlist	string	<p><b>Required</b></p> <p>The list of directives to query.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> This function will not fail if you do not include the dirlist parameter. However, a dirlist value is required in order to return configuration information.</p> </div>	<p>One or more <code>php.ini</code> directives.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p><b>Notes:</b></p> </div>	engine short_open_tag output_buffering

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

• S  
e  
p  
a  
r  
a  
t  
e  
m  
u  
l  
t  
i  
p  
l  
e  
d  
i  
r  
e  
c  
t  
i  
v  
e  
s  
w  
i  
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p  
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p  
e  
c  
h  
a  
r  
a  
c  
t  
e  
r  
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|  
)  
.

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:: listdbsback  
up

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers  
indb

			<ul style="list-style-type: none"> <li>• I n W H M A P I c a l l s , r e p l a c e e a c h p i p e c h a r a c t e r w i t h % 7 C .</li> </ul>	
getnull	<i>Boolean</i>	<p>Whether to include null values in the return data.</p> <p>This parameter defaults to 0.</p>	<ul style="list-style-type: none"> <li>• 1 — Include null values.</li> <li>• 0 — Skip null values.</li> </ul>	1

- MysqlFE:: revokedbuserprivileges
- MysqlFE:: setdbuserprivileges
- MysqlFE:: userdbprivs
- ▼ MysqlOptimizer
  - MysqlOptimizer:: fetch\_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:: getalloptions
  - PHPINI:: getoptions
- ▼ Park
  - Park:: listaddondomains
  - Park:: listparkeddomains
  - Park:: park
  - Park:: unpark
- ▼ Passwd
  - Passwd:: change\_password
  - Passwd:: set\_digest\_auth
- ▼ PasswdStrength
  - PasswdStrength:: appstrengths
  - PasswdStrength:: get\_password\_strength
  - PasswdStrength:: get\_required\_strength
- ▼ Postgres
  - Postgres:: listdbs
  - Postgres:: listusers

php_prefix	<i>string</i>	The PHP installation location to query.	<ul style="list-style-type: none"> <li>• /usr/local/</li> <li>• /usr/local/php4/</li> <li>• /usr/local/cpanel/3rdparty/</li> </ul>	/usr/local/cpanel/3rdparty/
			<b>Note</b> : In WHM API calls, replace each forward slash character with %2F.	

## Returns

Return	Type	Description	Possible values	Example
info	<i>string</i>	Information from the <code>php.ini</code> file about the directive, if it exists.	A valid string.	Enable the PHP scripting language engine under Apache.
dirvalue	<i>string</i>	The directive's current option.	A valid string.	On
commented	<i>Boolean</i>	Whether the directive is disabled (commented out) in the <code>php.ini</code> file.	<ul style="list-style-type: none"> <li>• 1 — Commented out.</li> <li>• 0 — <b>Not</b> commented out.</li> </ul>	0
subsection	<i>string</i>	The <code>php.ini</code> file subsection that contains the directive.	A valid string.	Language Options
directive	<i>string</i>	The PHP directive.	A PHP directive that you included in the <code>dirlist</code> input parameter.	engine
section	<i>string</i>	The <code>php.ini</code> file section.	A valid string.	PHP



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

