

# cPanel API 2 Functions - Email::browseboxes

Guide to cPanel API 2

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Calls from the WHM API

cPanel Tags  
(deprecated)

AddonDomain:: adddondomain

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AddonDomain:: deladdondomain

AddonDomain:: listaddondomains

## Backups

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## 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

## Description

This function retrieves a list of the mail directory's subdirectories (boxes) and files.

### Warning:

We **strongly** recommend that you use the following [UAPI](#) function instead of this function:

- `Email::browse_mailbox` — This function lists the mail directory's subdirectories (boxes) and files.

### Important:

In cPanel & WHM version 76 and later, when you disable the `MailReceive` role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

AddonDomain

## Examples

### WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_version=2&cpanel_jsonapi_module=Email&cpanel_jsonapi_func=browseboxes&account=user@example.com
```

### Note:

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

## Function information

## About this module

The Email module modifies cPanel email account settings.

## About cPanel API 2

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 a list of  
boxes for  
user@example.com.  
$get_mail_subdir =  
$cpanel->api2(  
    'Email',  
    'browseboxes',  
    array(  
        'account'  
    )  
=>  
    'user@example.com',  
    )  
);
```

#### Note:

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

cPanel API 2 accesses and modifies data for cPanel accounts.

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#### Find a function

- cPanel API 2 Functions - Email::editQuota — This function modifies an email account's disk quota.

- 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
  - DenyIp:: 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.

# Get a list of boxes
for user@example.com.
my $get_mail_subdir =
$cpliveapi->api2(
    'Email',
    'browseboxes',
    {
        'account'
    }
=>
'user@example.com',
    }
);

```

**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 - Email::pas swdp op — This functi on modi fies an email acco unt's pass word .
- cPan el API 2 Functions - Email::list defa ultad dres ses — This functi on retrie ves the dom ain's defa ult addr ess and its rules .

▼ 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 Email  
browseboxes  
account=user%40exampl  
e.com dir=maildir  
showdotfiles=0
```

**Note:**  
For more information and additional output options, read our [Guide to cPanel API 2 documentation](#) or run the `cpapi2 --help` command.

- cPanel API 2 Functions - Email::listaliasbackups  
— This function retrieves a list of the account's domains that use aliases and custom default addresses.

ration

Email: get\_archiving\_types

Email: get\_default\_email\_quota

Email: get\_email\_signing

Email: get\_max\_email\_quota

Email: getabsbrowserdir

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

Email: reorderfilters

## Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
"browseboxes",
    "data": [
      {
        "mtime":
1413398866,
        "isleaf": 0,
        "file":
"archive",
        "path":
"/home/example/mail",
        "depth": 2,
        "relpath":
"/archive",
        "ismailbox":
0,
        "fullpath":
"/home/example/mail/a
rchive",
        "type": "dir"
      },
      {
        "mtime":
1412787616,
        "isleaf": 0,
        "file":
"example.tld",
        "path":
"/home/example/mail",
        "depth": 2,
        "relpath":
"/example.com",
        "ismailbox":
0,
        "fullpath":
"/home/example/mail/e
xample.com",
        "type": "dir"
      }
    ],
    "event": {
      "result": 1
    },
    "module": "Email"
  }
}
```

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:: geteditty

Fileman:: getfileactions

Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

Fileman:: savefile

#### Note:

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

## Parameters

#### Note:

If you do **not** use a parameter, the function returns a list of items in the cPanel account's main mail directory.

Parameter	Type	Description	Possible values	Example
account	string	An email address, to limit the function's results.  If you do not include this parameter, the function returns data for all of the cPanel account's email addresses.	A valid email address on the cPanel account.	user@example.com
dir	string	A mail directory name, to limit results to specific directories.  If you do not include this parameter, the function returns data for all directories.	A valid directory on the cPanel account.  <b>Note</b> : If you pass default or mail, the function lists information for all mail directories.	maildir

Fileman:: [search](#)  
 Fileman:: [staffiles](#)  
 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:: [listftpssessions](#)

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:: [getarcname](#)

LangMods:: [getkey](#)

showdotfiles	<i>Boolean</i>	Whether to include hidden files and directories.  This value defaults to 0.	<ul style="list-style-type: none"> <li>1 — Include hidden items.</li> <li>0 — Do not include hidden items.</li> </ul>	0
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## Returns

Return	Type	Description	Possible values	Example
mtime	<i>string</i>	The item's modification time.	A time in <a href="#">Unix time</a> format.	1413398866
isleaf	<i>Boolean</i>	Whether the item is a file or a directory.	<ul style="list-style-type: none"> <li>1 — File.</li> <li>0 — Directory.</li> </ul>	0
file	<i>string</i>	The item's base name.	A valid file or directory name.	archive
path	<i>string</i>	The item's directory's path.	The item's directory's absolute path.	/home/example/mail
depth	<i>integer</i>	The directory depth of the item's path.	A positive integer.	2
relpath	<i>string</i>	The item's relative path.	The item's relative path, from the mail directory.	/archive
ismailbox	<i>Boolean</i>	Whether the item is a mailbox.	<ul style="list-style-type: none"> <li>1 — Mailbox.</li> <li>0 — Not a mailbox.</li> </ul>	0
fullpath	<i>string</i>	The item's full path.	The item's absolute path.	/home/example/mail/archive
type	<i>string</i>	The item type.	<ul style="list-style-type: none"> <li>dir — The item is a directory.</li> <li>file — The item is a file.</li> </ul>	dir
reason	<i>string</i>	A reason for failure.	A string that describes the error.	This is an error message.

**Note**  
: This function only returns a reason value if it failed.

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

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
--------	----------------	---------------------------------	---	---

▼ LeechProtect

LeechProtect:: set  
up

▼ Locale

Locale:: get\_encod  
ing

Locale:: get\_html\_  
dir\_attr

Locale:: get\_locale  
\_name

Locale:: get\_user\_  
locale

Locale:: get\_user\_  
locale\_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:: created  
b

MysqlFE:: created  
buser

MysqlFE:: dbuserexists

MysqlFE:: deauthorizehost

MysqlFE:: deleted  
b

MysqlFE:: deleted  
buser

MysqlFE:: getalldb  
sinfo

MysqlFE:: getalldb  
usersanddbs

MysqlFE:: getdatabasesprivileges

MysqlFE:: getdatabases

MysqlFE:: gethosts

MysqlFE:: getmysqlprivileges

MysqlFE:: getmysqlserverprivileges

MysqlFE:: has\_my  
cnf\_for\_cpuser

MysqlFE:: listdbs

MysqlFE:: listdatabases  
ackup

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

