

# cPanel API 1 Functions - Fileman::changeperm

## Guide to cPanel API 1

Return Data

cPanel Tags  
(deprecated)

Bandwidth:  
displayheader

er

Bandwidth::displaybw

Bandwidth::displayday

Bandwidth::displaymainbwheder

### ▼ BoxTrapper

BoxTrapper::changestatus

BoxTrapper::cleancfgfilelist

BoxTrapper::editmsg

BoxTrapper::fetchcfgfile

BoxTrapper::getboxconfdir

BoxTrapper::listmsgsgs

BoxTrapper::logcontrols

BoxTrapper::messageaction

BoxTrapper::multimessageaction

BoxTrapper::resetmsg

BoxTrapper::savecfgfile

BoxTrapper::saveconf

BoxTrapper::showautowhitelist

BoxTrapper::showemails

BoxTrapper::showfromname

BoxTrapper::showlog

## Description

This function changes a file's permissions.

### Warning:

cPanel API 1 is **deprecated**. We **strongly** recommend that you **do not use** cPanel API 1. However, no equivalent function exists in our newer APIs.

### 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

### ▼ LiveAPI PHP Class

```
$cpanel = new  
CPANEL(); // Connect  
to cPanel - only do  
this once.  
$change_file_permissions =  
$cpanel->apil('Fileman', 'changeperm',  
array('account',  
'my_file.txt', '4',  
'2', '1', '4', '2',  
'1', '4', '2', '1',  
'0') ); // Call the  
function.
```

### Note:

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

## Function information

## About this module

The Fileman module provides access to file functions.

### Note:

This function is part of the *File Management* feature.

BoxTrapper:: show message  
BoxTrapper:: show queue  
BoxTrapper:: show queuesearch  
BoxTrapper:: show queuetime  
BoxTrapper:: status  
BoxTrapper:: statusbutton

#### Branding

Branding:: file  
Branding:: image  
Branding:: killing  
Branding:: setbrandingpkg  
Branding:: setmyacctspkg  
Branding:: setupdirs  
Branding:: tempsetbrandingpkg

#### Cgi

Cgi:: backuplink  
Cgi:: displayurchin  
Cgi:: phpmyadminlink

#### Chkservd

Chkservd:: getexport  
Chkservd:: getexport\_ssl

#### ClamScanner

ClamScanner:: bars

#### cPAddons

cPAddons:: mainpg

#### Cron

Cron:: crontab\_perms

#### CustInfo

CustInfo:: getemail

#### Denylp

Denylp:: adddenyip  
Denylp:: deldenyip  
Denylp:: listdenyips

#### LiveAPI Perl Module

```
my $cpliveapi =  
Cpanel::LiveAPI->new(  
); # Connect to  
cPanel - only do this  
once.  
my  
$change_file_permissions =  
$cpliveapi->api1('Fileman', 'changeperm',  
['account',  
'my_file.txt', '4',  
'2', '1', '4', '2',  
'1', '4', '2', '1',  
'0']); # Call the  
function.
```

#### Note:

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

#### cPanel Tag System (deprecated)

#### Warning:

In cPanel & WHM version 11.30 and later, cPanel tags are **deprecated**. We provide this example to help developers move from the old cPanel tag system to our [LiveAPI](#) system. We **strongly** recommend that you **only** use the [LiveAPI](#) system to call the cPanel APIs.

```
<cpanel  
Module="Fileman::chan  
geperm (  
$FORM('dir','file','u  
serread','userwrite',  
'userexecute','group  
read','groupwrite','gr  
oupexecute','worldrea  
d','worldwrite','worl  
dexecute','doubleenco  
de'))">
```

## About cPanel API 1

cPanel API 1 accesses information about cPanel accounts.

**Warning:** cPanel API 1 is deprecated. We strongly recommend you use the [LiveAPI](#) system instead.

#### Notes:

- This function is deprecated in cPanel 11.30 and later. We strongly recommend you use the LiveAPI system instead.

## Find a function

- DiskUsage: show manager
- Email: addautoresponder
  - Email: addforward
  - Email: addfilter
  - Email: addlist
  - Email: addmx
  - Email: addpop
  - Email: addspam
  - Email: addspambox
  - Email: addspamfilter
  - Email: changemx
  - Email: checkfastmail
  - Email: checkpipewd
  - Email: clearspambox
  - Email: delautoresponder
  - Email: delforward
  - Email: delfilter
  - Email: dellist
  - Email: delmx
  - Email: delpop
  - Email: delspam
  - Email: delspambox
  - Email: disable\_spam\_autodelete
  - Email: editquota
  - Email: enable\_spam\_autodelete
  - Email: getaging
  - Email: getarsbody
  - Email: getarscharset
  - Email: getarsfrom
  - Email: getarshtml
  - Email: getarsinterval

### Command Line

```
cpapil
--user=username
Fileman changeperm
public_html
myfile.txt 4 2 1 4 2
1 4 2 1
```

**Notes:**

- You **must** URI-encode these values.
- username represents your account-level username.
- For more information and additional output options, read our [Guide to cPanel API 1 documentation](#) or run the `cpapil --help` command.
- If you run CloudLinux™, you **must** use the full path of the `cpapil` command:

```
/usr/local
/cpanel/bin/cpapil
```

### Output (plaintext)

```
"Set permissions on
index.html -> 0755"
```

## Parameters

Parameter	Type	Description	Possible values	Example
dir	string	The file's directory.  This value defaults to the cPanel account's /home directory.	Any valid directory, relative to the account's /home directory.	public_html
file	string	<b>Required</b> The file.	Any valid filename.	myfile.txt

— This function returns a URI fragment with the location of the cached version of the file.

- [cPanel API 1 Functions - Fileman:html editor](#) — This function opens a file in the HTML editor.
- [cPanel API 1 Functions - Fileman:killdir](#) — This function deletes a directory.

Email: [getarsstart](#)  
 Email: [getarsstop](#)  
 Email: [getarssubject](#)  
 Email: [getmailserver](#)  
 Email: [getmailserveruser](#)  
 Email: [getpopquota](#)  
 Email: [has\\_spam\\_as\\_acl](#)  
 Email: [has\\_spam\\_autodelete](#)  
 Email: [listmaildomains](#)  
 Email: [listmaildomainsopt](#)  
 Email: [listmaildomainsoptndef](#)  
 Email: [mainacctdiskused](#)  
 Email: [passwdlist](#)  
 Email: [passwdpop](#)  
 Email: [setmxacctpt](#)  
 Email: [spamboxstatus](#)  
 Email: [spamstatus](#)  
 Email: [tracefilter](#)

▼ **Fileman**

Fileman: [changeperm](#)  
 Fileman: [delfile](#)  
 Fileman: [dofileop](#)  
 Fileman: [emptytrash](#)  
 Fileman: [extractfile](#)  
 Fileman: [fileimg](#)  
 Fileman: [fmmkdir](#)  
 Fileman: [fmmkfile](#)  
 Fileman: [fmpushfile](#)  
 Fileman: [fmrename](#)  
 Fileman: [fmsavefile](#)  
 Fileman: [fmsaveht](#)

userread	<i>integer</i>	<b>Required</b> The user's read permissions.	<ul style="list-style-type: none"> <li>4 — Grant read permissions.</li> <li>0 — Do not grant read permissions.</li> </ul>	4
userwrite	<i>integer</i>	The user's write permissions. This value defaults to 2.	<ul style="list-style-type: none"> <li>2 — Grant write permissions.</li> <li>0 — Do not grant write permissions.</li> </ul>	2
userexecute	<i>Boolean</i>	The user's execute permissions. This value defaults to 1.	<ul style="list-style-type: none"> <li>1 — Grant execute permissions.</li> <li>0 — Do not grant execute permissions.</li> </ul>	1
groupread	<i>integer</i>	<b>Required</b> A group's read permissions.	<ul style="list-style-type: none"> <li>4 — Grant read permissions.</li> <li>0 — Do not grant read permissions.</li> </ul>	4
groupwrite	<i>integer</i>	<b>Required</b> A group's write permissions.	<ul style="list-style-type: none"> <li>2 — Grant write permissions.</li> <li>0 — Do not grant write permissions.</li> </ul>	2
groupexecute	<i>Boolean</i>	<b>Required</b> A group's execute permissions.	<ul style="list-style-type: none"> <li>1 — Grant execute permissions.</li> <li>0 — Do not grant execute permissions.</li> </ul>	1
worldread	<i>integer</i>	<b>Required</b> Any system user's read permissions.	<ul style="list-style-type: none"> <li>4 — Grant read permissions.</li> <li>0 — Do not grant read permissions.</li> </ul>	4
worldwrite	<i>integer</i>	<b>Required</b> Any system user's write permissions.	<ul style="list-style-type: none"> <li>2 — Grant write permissions.</li> <li>0 — Do not grant write permissions.</li> </ul>	2

- [cPanel API 1 Functions - Optimize WS:loadoptimizations - bytes](#) — This function returns a cPanel account's free disk space quota.
- [cPanel API 1 Modules - Fileman](#) — The Fileman module provides access to file functions.

[mfile](#)  
[Fileman::fullbackup](#)  
[Fileman::getfile](#)  
[Fileman::htmleditor](#)  
[Fileman::killdir](#)  
[Fileman::listfiles](#)  
[Fileman::listfullbackups](#)  
[Fileman::listtemplates](#)  
[Fileman::restoreaf](#)  
[Fileman::restoredb](#)  
[Fileman::restorefile](#)  
[Fileman::restorefiles](#)  
[Fileman::savehtmlfile](#)  
[Fileman::showperm](#)  
[Fileman::uploadfiles](#)  
[Fileman::viewfile](#)

▼ [Frontpage](#)

[FrontPage::addfp](#)  
[FrontPage::delfp](#)  
[FrontPage::fpstatus](#)

▼ [Ftp](#)

[Ftp::addftp](#)  
[Ftp::delftp](#)  
[Ftp::ftpquota](#)  
[Ftp::ftpservname](#)  
[Ftp::ftpstatslogin](#)  
[Ftp::get\\_anonftp](#)  
[Ftp::get\\_anonftpin](#)  
[Ftp::get\\_welcomemsg](#)  
[Ftp::getftpquota](#)  
[Ftp::kill\\_ftp\\_session](#)  
[Ftp::listftpstatsurl](#)  
[Ftp::passwdfp](#)

worldexecute	<i>Boolean</i>	<b>Required</b> Any system user's execute permissions.	<ul style="list-style-type: none"> <li>1 — Grant execute permissions.</li> <li>0 — Do not grant execute permissions.</li> </ul>	1
doubleencode	<i>Boolean</i>	Whether to encode the file and dir values in a URL format.  This value defaults to 0.	<ul style="list-style-type: none"> <li>0 — Do not encode the file and dir values in a URL format.</li> <li>1 — Encode the file and dir values in a URL format.</li> </ul>	0

## Returns

This function returns a message of success or a reason for failure.

Ftp:: set\_anonftp

Ftp:: set\_anonftpin

Ftp:: set\_welcome  
msg

▼ Gpg

Gpg:: deletekey

Gpg:: exportkey

Gpg:: exportsecret  
key

Gpg:: genkey

Gpg:: importkeys

▼ Htaccess

Htaccess:: checkpr  
otected

Htaccess:: del\_use  
r

Htaccess:: getinde  
x

Htaccess:: htdirls

Htaccess:: number  
\_of\_users

Htaccess:: phpsele  
ctable

Htaccess:: resnam  
e

Htaccess:: set\_pas  
s

Htaccess:: set\_pro  
tect

Htaccess:: setinde  
x

Htaccess:: setphpr  
eference

Htaccess:: showus  
ers

▼ ImageManager

ImageManager:: c  
onvert

ImageManager:: di  
mensions

ImageManager:: h  
dimension

ImageManager:: s  
cale

ImageManager:: th  
umbnail

ImageManager:: w  
dimension

▼ LastLogin

LastLogin:: lastlogi  
n

▼ LeechProtect

LeechProtect:: disable

LeechProtect:: enable

LeechProtect:: setup

LeechProtect:: showpasswdfile

LeechProtect:: status

▼ LogManager

LogManager:: listdownloads

LogManager:: save settings

LogManager:: show settings

▼ MagicRevision

MagicRevision:: uri

▼ Mime

Mime:: add\_handler

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redirect

Mime:: del\_handler

Mime:: del\_hotlink

Mime:: del\_mime

Mime:: del\_redirect

Mime:: linkallownull

Mime:: linkenable

Mime:: linkexts

Mime:: linkrurl

Mime:: linkurls

▼ Mysql

Mysql:: adddb

Mysql:: addhost

Mysql:: adduser

Mysql:: adduserdb

Mysql:: checkdb

Mysql:: deldb

Mysql:: delhost

Mysql:: deluser

Mysql:: deluserdb

Mysql:: gethost  
Mysql:: initcache  
Mysql:: listdbs  
Mysql:: listdbsopt  
Mysql:: listusers  
Mysql:: listusersopt  
Mysql:: number\_of  
\_dbs  
Mysql:: number\_of  
\_users  
Mysql:: repairdb  
Mysql:: routines  
Mysql:: updatepriv  
s

▼ Net

Net:: dnslookup  
Net:: dnszone  
Net:: sethastracero  
ute

▼ News

News:: displaynew  
s

▼ NVData

NVData:: set

▼ OptimizeWS

OptimizeWS:: load  
optimizesettings  
OptimizeWS:: load  
optimizesettings (b  
ytes)  
OptimizeWS:: opti  
mizews

▼ Park

Park:: disabledir  
ect  
Park:: getredirectu  
rl  
Park:: park  
Park:: setredirectur  
l  
Park:: unpark

▼ Postgres

Postgres:: adddb  
Postgres:: adduser  
Postgres:: adduser  
db  
Postgres:: deldb  
Postgres:: deluser



Postgres:: deluser  
db

Postgres:: initcach  
e

Postgres:: listdbso  
pt

Postgres:: listusers  
opt

Postgres:: number  
\_of\_dbs

Postgres:: number  
\_of\_users

#### ▼ ProxyUtils

ProxyUtils:: proxya  
ddress

#### ▼ Resellers

Resellers:: accoun  
tlistopt

Resellers:: themeli  
stopt

#### ▼ Serverinfo

Serverinfo:: servic  
estatus

#### ▼ SetLang

SetLang:: listlangs  
opt

SetLang:: setlang

#### ▼ SpamAssassin

SpamAssassin:: co  
nfig

SpamAssassin:: sa  
veconfig

#### ▼ SSH

SSH:: getport

#### ▼ SSL

SSL:: delete

SSL:: deletectr

SSL:: deletecsr

SSL:: deletekey

SSL:: genctr

SSL:: gencsr

SSL:: genkey

SSL:: getcabundle

SSL:: getcname

SSL:: install

SSL:: installedhost

SSL:: listkeysopt

SSL:: showcrt

SSL:: showcsr

SSL:: showkey

SSL:: sslsharedsta  
tus

SSL:: uploadcrt

SSL:: uploadkey

▼ StatManager

StatManager:: doF  
orm

StatManager:: upd  
ateUserConfig

▼ Stats

Stats:: analoglist

Stats:: awstats

Stats:: bwbar

Stats:: errlog

Stats:: lastvisitors

Stats:: showbandw  
idth

Stats:: webalizer

Stats:: webalizerftp

▼ SubDomain

SubDomain:: adds  
ubdomain

SubDomain:: cplist  
subdomains

SubDomain:: disab  
lesubrd

SubDomain:: listsu  
bdomainsop

SubDomain:: setsu  
burl

▼ UI

UI:: confirm

UI:: redirect

UI:: showresult