

cPanel API 1 Functions - Fileman::changeperm

Guide to cPanel API 1

Return Data

cPanel Tags
(deprecated)

Bandwidth:: display
bwheader

Bandwidth:: display
bw

Bandwidth:: display
day

Bandwidth:: display
mainbwheader

BoxTrapper:: chang
estatus

BoxTrapper:: cleanc
fgfilelist

BoxTrapper:: editmsg

BoxTrapper:: fetchcf
gfile

BoxTrapper:: getbox
confdir

BoxTrapper:: listms
gs

BoxTrapper:: logcon
trols

BoxTrapper:: messa
geaction

BoxTrapper:: multim
essageaction

BoxTrapper:: reset
msg

BoxTrapper:: savecf
gfile

BoxTrapper:: savec
onf

BoxTrapper:: showa
utowhitelist

BoxTrapper:: showe
mails

BoxTrapper:: showfr
omname

BoxTrapper:: showl
og

BoxTrapper:: show
message

BoxTrapper:: showq
ueue

BoxTrapper:: showq
ueuesearch

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

```
$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](#).

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



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::changeperm ( $FORM ('dir','file','userread','userwrite','userexecute','groupread','groupwrite','groupexecute','worldread','worldwrite','worldexecute','doubleencode'))">
```

Function information

Module:

Fileman

API

Version:

cPanel API 1

Available in:

cPanel 11+

Methods:

GET, POST

Required

Parameters:

file, string, userread, groupread, groupwrite, groupexecute, worldread, worldwrite, worldexecute

Return Format:

s: plaintext

About this module

The Fileman module provides access to file functions.



Note:

This function requires access to the *File Manager* feature.

About cPanel API 1

cPanel API 1 accesses information about cPanel accounts.

BoxTrapper:: [showqueue](#)
 BoxTrapper:: [status](#)
 BoxTrapper:: [status](#)
 Button
 Branding:: [file](#)
 Branding:: [image](#)
 Branding:: [killimg](#)
 Branding:: [setbranding](#)
 Branding:: [setmyacctspkg](#)
 Branding:: [setupdirs](#)
 Branding:: [tempsetbranding](#)
 Cgi:: [backuplink](#)
 Cgi:: [displayurchin](#)
 Cgi:: [phpmyadminlink](#)
 Chksservd:: [getximp](#)
 Chksservd:: [getximp](#)
 Ssl
 ClamScanner:: [bars](#)
 cPAddons:: [main](#)
 Cron:: [crontab](#)
 CustInfo:: [getemail](#)
 DenyIp:: [adddenyip](#)
 DenyIp:: [deldenyip](#)
 DenyIp:: [listdenyips](#)
 DiskUsage:: [showman](#)
 Email:: [addautoresponder](#)
 Email:: [addforward](#)
 Email:: [addfilter](#)
 Email:: [addlist](#)
 Email:: [addmx](#)
 Email:: [addpop](#)
 Email:: [addspam](#)
 Email:: [addspambox](#)
 Email:: [addspamfilter](#)
 Email:: [changemx](#)
 Email:: [checkfastmail](#)
 Email:: [checkpipefwd](#)

```
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
```

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



Warning:

cPanel API 1 is **deprec**ated. We **strong**ly recommend that you use [cPanel API 2](#) or [U API](#) instead.



Notes:

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	Required The file.	Any valid filename.	myfile.txt
userread	integer	Required The user's read permissions.	<ul style="list-style-type: none"> • 4 — Grant read permissions. • 0 — Do not grant read permissions. 	4
userwrite	integer	The user's write permissions. This value defaults to 2.	<ul style="list-style-type: none"> • 2 — Grant write permissions. • 0 — Do not grant write permissions. 	2
userexecute	Boolean	The user's execute permissions. This value defaults to 1.	<ul style="list-style-type: none"> • 1 — Grant execute permissions. • 0 — Do not grant execute permissions. 	1
groupread	integer	Required A group's read permissions.	<ul style="list-style-type: none"> • 4 — Grant read permissions. • 0 — Do not grant read permissions. 	4
groupwrite	integer	Required A group's write permissions.	<ul style="list-style-type: none"> • 2 — Grant write permissions. • 0 — Do not grant write permissions. 	2

- Email: [clearspambox](#)
- Email: [delautoresponse](#)
- Email: [deldforward](#)
- 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](#)
- 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: [setmxaccept](#)
- Email: [spamboxstatus](#)

groupexecute	<i>Boolean</i>	Required A group's execute permissions.	<ul style="list-style-type: none"> • 1 — Grant execute permissions. • 0 — Do not grant execute permissions. 	1
worldread	<i>integer</i>	Required Any system user's read permissions.	<ul style="list-style-type: none"> • 4 — Grant read permissions. • 0 — Do not grant read permissions. 	4
worldwrite	<i>integer</i>	Required Any system user's write permissions.	<ul style="list-style-type: none"> • 2 — Grant write permissions. • 0 — Do not grant write permissions. 	2
worldexecute	<i>Boolean</i>	Required Any system user's execute permissions.	<ul style="list-style-type: none"> • 1 — Grant execute permissions. • 0 — Do not grant execute permissions. 	1
doubleencode	<i>Boolean</i>	Whether to encode the <code>file</code> and <code>dir</code> values in a URL format. This value defaults to 0.	<ul style="list-style-type: none"> • 0 — Do not encode the <code>file</code> and <code>dir</code> values in a URL format. • 1 — Encode the <code>file</code> and <code>dir</code> values in a URL format. 	0

Returns

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

- These functions may require a feature list. To view with the available feature list on a cPanel email server, view WHM's [Feature Manager](#) interface.
- Unless you can

Email: [spamstatus](#)
Email: [tracefilter](#)
Fileman: [changepe
rm](#)
Fileman: [delfile](#)
Fileman: [dofileop](#)
Fileman: [emptytrash](#)
Fileman: [extractfile](#)
Fileman: [fileimg](#)
Fileman: [fmmkdir](#)
Fileman: [fmmkfile](#)
Fileman: [fmpushfile](#)
Fileman: [fmrename](#)
Fileman: [fmsavefile](#)
Fileman: [fmsaveht
mlfile](#)
Fileman: [fullbackup](#)
Fileman: [getfile](#)
Fileman: [htmleditor](#)
Fileman: [killdir](#)
Fileman: [listfiles](#)
Fileman: [listfullback
ups](#)
Fileman: [listtemplat
es](#)
Fileman: [restoreaf](#)
Fileman: [restoredb](#)
Fileman: [restorefile](#)
Fileman: [restorefiles](#)
Fileman: [savehtmlfi
le](#)
Fileman: [showperm](#)
Fileman: [uploadfiles](#)
Fileman: [viewfile](#)
FrontPage: [addfp](#)
FrontPage: [delfp](#)
FrontPage: [fpstatus](#)
Ftp: [addftp](#)
Ftp: [delftp](#)
Ftp: [ftpquota](#)
Ftp: [ftpservername](#)
Ftp: [ftpstatslogin](#)
Ftp: [get_anonftp](#)

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Ftp:: [get_anonftpin](#)
Ftp:: [get_welcomemsg](#)
Ftp:: [getftpquota](#)
Ftp:: [kill_ftp_session](#)
Ftp:: [listftpstatsurl](#)
Ftp:: [passwdfp](#)
Ftp:: [set_anonftpin](#)
Ftp:: [set_anonftpin](#)
Ftp:: [set_welcomemsg](#)
Gpg:: [deletekey](#)
Gpg:: [exportkey](#)
Gpg:: [exportsecretkey](#)
Gpg:: [genkey](#)
Gpg:: [importkeys](#)
Htaccess:: [checkprotected](#)
Htaccess:: [del_user](#)
Htaccess:: [getindex](#)
Htaccess:: [htdirs](#)
Htaccess:: [number_of_users](#)
Htaccess:: [phpselectable](#)
Htaccess:: [resname](#)
Htaccess:: [set_pass](#)
Htaccess:: [set_protect](#)
Htaccess:: [setindex](#)
Htaccess:: [setphpreference](#)
Htaccess:: [showusers](#)
ImageManager:: [convert](#)
ImageManager:: [dimensions](#)
ImageManager:: [hdimension](#)
ImageManager:: [scale](#)
ImageManager:: [thumbnail](#)
ImageManager:: [widthimension](#)
LastLogin:: [lastlogin](#)

```
ts  
(  
 2  
 0  
 95  
 0  
 r  
 2  
 0  
 96  
)
```

Find a function

Related functions

- [cPanel API 1 Modules - Fileman](#) — The Fileman module provides access to file functions.
- [cPanel API 1 Functions - Fileman::changeperm](#) — This function changes a file's permissions.
- [cPanel API 1 Functions - Fileman::delfile](#) — This function deletes a file and backs it up in the `/trash` directory.
- [cPanel API 1 Functions - Fileman::dofileop](#) — This function moves or copies a file to a different directory.
- [cPanel API 1 Functions - Fileman::emptytrash](#) — This function deletes the user's `/trash` directory's contents.

LeechProtect:: [disable](#)

LeechProtect:: [enable](#)

LeechProtect:: [setup](#)

LeechProtect:: [showpasswdfile](#)

LeechProtect:: [status](#)

LogManager:: [listdownloads](#)

LogManager:: [save settings](#)

LogManager:: [show settings](#)

MagicRevision:: [uri](#)

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:: [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:: [updateprivs](#)

Net:: [dnslookup](#)

Net:: [dnszone](#)

Net:: [sethastraceroute](#)

News:: [displaynews](#)

NVData:: [set](#)

OptimizeWS:: [loadoptimizesettings](#)

OptimizeWS:: [loadoptimizesettings](#) (bytes)

OptimizeWS:: [optimizezews](#)

Park:: [disablereirect](#)

Park:: [getredirecturl](#)

Park:: [park](#)

Park:: [setredirecturl](#)

Park:: [unpark](#)

Postgres:: [adddb](#)

Postgres:: [adduser](#)

Postgres:: [adduserdb](#)

Postgres:: [deldb](#)

Postgres:: [deluser](#)

Postgres:: [deluserdb](#)

Postgres:: [initcache](#)

Postgres:: [listdbsopt](#)

Postgres:: [listusersopt](#)

Postgres:: [number_of_dbs](#)

Postgres:: [number_of_users](#)

ProxyUtils:: [proxyaddress](#)

Resellers:: [accountlistopt](#)

Resellers:: [themelistopt](#)

Serverinfo:: [servicesatus](#)

SetLang:: listlangso
pt

SetLang:: setlang

SpamAssassin:: con
fig

SpamAssassin:: sav
econfig

SSH:: getport

SSL:: delete

SSL:: deletecrt

SSL:: deletecsr

SSL:: deletekey

SSL:: gencrt

SSL:: gencsr

SSL:: genkey

SSL:: getcabundle

SSL:: getcnname

SSL:: install

SSL:: installedhost

SSL:: listkeysopt

SSL:: showcrt

SSL:: showcsr

SSL:: showkey

SSL:: sslsharedstat
us

SSL:: uploadcrt

SSL:: uploadkey

StatManager:: doFo
rm

StatManager:: updat
eUserConfig

Stats:: analoglist

Stats:: awstats

Stats:: bwbar

Stats:: errlog

Stats:: lastvisitors

Stats:: showbandwi
dth

Stats:: webalizer

Stats:: webalizerftp

SubDomain:: addsu
bdomain

SubDomain:: cplots
ubdomains

SubDomain:: disabl
esubrd

SubDomain:: [listsub](#)
domainsop

SubDomain:: [setsub](#)
url

UI:: [confirm](#)

UI:: [redirect](#)

UI:: [showresult](#)