

# UAPI Functions - Restore::query\_file\_info

## Guide to UAPI

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Calls from the WHM API
- Custom UAPI Modules

Backup::  
list\_backups

- Bandwidth
  - Bandwidth:: get\_retention\_periods
  - Bandwidth:: query
- Batch
  - Batch:: strict
- Brand
  - Brand:: read
- Branding
  - Branding:: file
  - Branding:: get\_applications
  - Branding:: get\_application\_information
  - Branding:: get\_available\_applications
  - Branding:: get\_information\_for\_applications
  - Branding:: image
  - Branding:: include
  - Branding:: spritelist
- CacheBuster
  - CacheBuster:: read
  - CacheBuster:: update
- Chkservd
  - Chkservd:: get\_exi

## Description

This function lists all of an item's backup locations. An item can be a file, directory, or a symlink.

## Examples

### ▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsessXXXXXXXXXX/execute/Restore/query_file_info?fullpath=%2Fpublic_html%2Findex.php
```

▼ Backup

```
https://hostname.example.com:2083/cpsessXXXXXXXXXX/execute/Restore/query_file_info?fullpath=%2Fpublic_html
```

#### Note:

This example calls the UAPI function via a cPanel session. For more information, read our [Guide to UAPI](#) documentation.

## Function information

## About this module

The Restore module provides functions to browse a user's backup files and restore files and directories for that user.

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

- m\_ports
  - Chkserverd:: get\_ext\_m\_ports\_ssl
- ▼ Chrome
  - Chrome:: get\_dom
- ▼ Contactus
  - Contactus:: is\_enabled
- ▼ cPAddons
  - cPAddons:: get\_available\_addons
  - cPAddons:: get\_instance\_settings
  - cPAddons:: list\_addon\_instances
- ▼ cPGreyList
  - cPGreyList:: disable\_all\_domains
  - cPGreyList:: disable\_domains
  - cPGreyList:: enable\_all\_domains
  - cPGreyList:: enable\_domains
  - cPGreyList:: has\_greylisting\_enabled
  - cPGreyList:: list\_domains
- ▼ DAV
  - DAV:: disable\_shared\_global\_addressbook
  - DAV:: enable\_shared\_global\_addressbook
  - DAV:: get\_calendar\_contacts\_config
  - DAV:: has\_shared\_global\_addressbook
  - DAV:: is\_dav\_service\_enabled
  - DAV:: is\_horde\_enabled
- ▼ DCV
  - DCV:: check\_domains\_via\_http
  - DCV:: ensure\_domains\_can\_pass\_dcv
- ▼ DomainInfo
  - DomainInfo:: domains\_data

## ▼ LiveAPI PHP Class

```

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

// get a list of all
backups that contain
file
$DAV = $cpnl->uapi(
  'Restore',
  'query_file_info',
  array(
    'fullpath'
  )
=>
'/public_html/index.p
hp',
)
);

```

```

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

// get a list of all
backups that contain
file
$DAV = $cpnl->uapi(
  'Restore',
  'query_file_info',
  array(
    'fullpath'
  )
=> '/public_html',
)
);

```

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

## ▼ LiveAPI Perl Module

**Notes:**

- Th
- Fe
- int
- Ur
- mu
- us
- 20
- or
- 20
- 20
- or
- 20
- ).

## Find a function

The Restore module provides functions to browse and restore a user's backup files and directories.

DomainInfo:: list\_domains

DomainInfo:: single\_domain\_data

▼ DNS

DNS:: ensure\_domains\_reside\_only\_locally

▼ DNSSEC

DNSSEC:: disable\_dnssec

DNSSEC:: enable\_dnssec

DNSSEC:: fetch\_dns\_records

DNSSEC:: set\_nsec3

DNSSEC:: unset\_nsec3

▼ Email

Email:: account\_name

Email:: add\_auto\_responder

Email:: add\_domain\_forwarder

Email:: add\_forwarder

Email:: add\_list

Email:: add\_mailman\_delegates

Email:: add\_mx

Email:: add\_pop

Email:: add\_spam\_filter

Email:: browse\_mailbox

Email:: change\_mx

Email:: check\_fastmail

Email:: check\_pipe\_forwarder

Email:: delete\_auto\_responder

Email:: delete\_domain\_forwarder

Email:: delete\_filter

Email:: delete\_forwarder

Email:: delete\_list

Email:: delete\_mx

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

```
# get a list of all
backups that contain
file
my
$disable_shared_global_addressbook =
$cpliveapi->uapi(
  'Restore',
  'query_file_info',
  {
    'fullpath'
  }
=>
'/public_html/index.php',
}
);
```

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

```
# get a list of all
backups that contain
file
my
$disable_shared_global_addressbook =
$cpliveapi->uapi(
  'Restore',
  'query_file_info',
  {
    'fullpath'
  }
=> '/public_html',
}
);
```

**Note:**

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

- UAPI Functions - Restore:: get\_users — This function lists a reseller's users with existing backup metadata.
- UAPI Functions - Restore:: directory\_listing — This function lists all of the backup files and directories in the user's home directory.

Email:: delete\_pop  
Email:: disable\_filter  
Email:: disable\_spam\_assassin  
Email:: disable\_spam\_autodelete  
Email:: edit\_pop\_quota  
Email:: enable\_filter  
Email:: enable\_spam\_assassin  
Email:: fetch\_charmaps  
Email:: generate\_mailman\_opt  
Email:: get\_auto\_responder  
Email:: get\_charts  
Email:: get\_default\_email\_quota  
Email:: get\_disk\_usage  
Email:: get\_filter  
Email:: get\_mailman\_delegates  
Email:: get\_main\_account\_disk\_usage  
Email:: get\_main\_account\_disk\_usage\_bytes  
Email:: get\_max\_email\_quota  
Email:: get\_max\_email\_quota\_mib  
Email:: get\_pop\_quota  
Email:: get\_spam\_settings  
Email:: get\_webmail\_settings  
Email:: has\_delegated\_mailman\_lists  
Email:: has\_plaintext\_authentication  
Email:: is\_integer  
Email:: list\_auto\_responders

## ▼ cPanel Template Toolkit

```
<!-- get a list of
all backups that
contain file -->
[% data = execute(
'Restore',
'query_file_info' {
'fullpath' =>
'/public_html/index.php' } ); %]
[% FOREACH q = data
%]

    <p>
        BackupDate:
        [% q.backupDate %]
        backupID: [%
        q.backupID %]
        FileSize: [%
        q.fileSize %]
        Fullpath: [%
        q.fullpath %]
        ModifiedDate: [%
        q.modifiedDate %]
    </p>
[% END %]
```

- UAPI Functions - Restore: restore\_file - This function restores a file or directory from a backup to the file or directory's original location.
- UAPI Functions - Query: query\_file\_info - This function lists all of an item's backup locations. An item can be a file, directory, or a symlink.

Email: list\_default\_address

Email: list\_domain\_forwarders

Email: list\_filters

Email: list\_filters\_backups

Email: list\_forwarders

Email: list\_forwarders\_backups

Email: list\_lists

Email: list\_mail\_domains

Email: list\_mx

Email: list\_pops

Email: list\_pops\_with\_disk

Email: list\_system\_filter\_info

Email: passwd\_list

Email: passwd\_pop

Email: remove\_mailman\_delegates

Email: reorder\_filters

Email: set\_always\_accept

Email: set\_default\_address

Email: set\_list\_privacy\_options

Email: stats\_db\_status

Email: store\_filter

Email: suspend\_incoming

Email: suspend\_login

Email: trace\_filter

Email: unsuspend\_incoming

Email: unsuspend\_login

Email: verify\_password

ExternalAuthentication

```
<!-- get a list of
all backups that
contain file -->
[% data = execute(
'Restore',
'query_file_info'{
'fullpath' =>
'/public_html' } );
%]
[% FOREACH q = data
%]
    <p>
        BackupDate:
[% q.backupDate %]
    backupID: [%
q.backupID %]
    FileSize: [%
q.fileSize %]
    Fullpath: [%
q.fullpath %]
    ModifiedDate: [%
q.modifiedDate %]
    </p>
[% END %]
```

**Note:**

For more information, read our [Guide to Template Toolkit documentation](#).

tion:: add\_authn\_link

ExternalAuthentication:: configured\_modules

ExternalAuthentication:: get\_authn\_links

ExternalAuthentication:: has\_external\_auth\_modules\_configured

ExternalAuthentication:: remove\_authn\_link

#### Features

Features:: has\_feature

Features:: list\_features

#### Fileman

Fileman:: autocompletedir

Fileman:: empty\_trash

Fileman:: get\_file\_content

Fileman:: get\_file\_information

Fileman:: list\_files

Fileman:: save\_file\_content

Fileman:: transcoding

Fileman:: upload\_files

#### Ftp

Ftp:: add\_ftp

Ftp:: allows\_anonymous\_ftp

Ftp:: allows\_anonymous\_ftp\_incoming

Ftp:: delete\_ftp

Ftp:: ftp\_exists

Ftp:: get\_ftp\_daemon\_info

Ftp:: get\_port

Ftp:: get\_quota

Ftp:: get\_welcome\_message

Ftp:: kill\_session

#### Command Line

```
uapi --user=example
Restore
query_file_info
fullpath=/public_html
/index.php
```

```
uapi --user=example
Restore
query_file_info
fullpath=/public_html
/
```

#### Notes:

- You **must** URI-encode values.
- username represents your account-level username.
- For more information and additional output options, read our [Guide to UAPI](#) documentation or run the `uapi --help` command.
- We introduced this functionality in cPanel & WHM version 56.

#### Output (JSON)

```
# Output for: Restore
query_file_info
fullpath=/directory/file.name

{
  "errors":null,
  "messages":null,
  "data":[
    {
      "modifiedDate":"2017-09-13 14:58",
      "backupID":"2017-09-17",
      "backupDate":"2017-09-17",
      "type":"file",
      "backupType":"compres
```

```

Ftp:: list_ftp
Ftp:: list_ftp_with_
disk
Ftp:: list_sessions
Ftp:: passwd
Ftp:: server_name
Ftp:: set_anonymo
us_ftp
Ftp:: set_anonymo
us_ftp_incoming
Ftp:: set_homedir

Ftp:: set_quota
Ftp:: set_welcome
_message

```

- ▼ Integration
  - Integration:: fetch\_
url
- ▼ LangPHP
  - LangPHP:: php\_ge
t\_domain\_handler
  - LangPHP:: php\_ge
t\_impacted\_domai
ns
  - LangPHP:: php\_ge
t\_installed\_version
s
  - LangPHP:: php\_ge
t\_system\_default\_
version
  - LangPHP:: php\_ge
t\_vhost\_versions
  - LangPHP:: php\_ini
\_get\_user\_basic\_d
irectives
  - LangPHP:: php\_ini
\_get\_user\_content
  - LangPHP:: php\_ini
\_get\_user\_paths
  - LangPHP:: php\_ini
\_set\_user\_basic\_d
irectives
  - LangPHP:: php\_ini
\_set\_user\_content
  - LangPHP:: php\_se
t\_vhost\_versions
- ▼ Locale
  - Locale:: get\_attri
butes
- ▼ Mailboxes
  - Mailboxes:: expun
ge\_mailbox\_mess
ages

```

sed",
"fileSize": "1792",
"fullpath": "/public_h
tml/testdir/9.txt"
},
{
"fullpath": "/public_h
tml/testdir/9.txt",
"fileSize": "1792",
"backupType": "compres
sed",
"backupID": "2017-09-1
8",
"modifiedDate": "2017-
09-13 14:58",
"backupDate": "2017-09
-18",
"type": "file"
}
],
"metadata": {
"transformed": 1
},
"status": 1
}
# Output for: Restore
query_file_info
fullpath=/directory
{
"data": [
{
"dirSize": 40896,
"backupID": "2017-09-1
7",
"backupType": "increme
ntal",
"type": "dir",
"backupDate": "2017-09

```

Mailboxes:: expunge\_messages\_for\_mailbox\_guid

Mailboxes:: get\_mailbox\_status

Market

Market:: cancel\_pending\_ssl\_certificate

Market:: get\_all\_products

Market:: get\_login\_url

Market:: get\_pending\_ssl\_certificates

Market:: get\_providers\_list

Market:: get\_ssl\_certificate\_if\_available

Market:: process\_ssl\_pending\_queue

Market:: request\_ssl\_certificates

Market:: set\_status\_of\_pending\_queue\_items

Market:: set\_url\_after\_checkout

Market:: validate\_login\_token

Mime

Mime:: add\_handler

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redirect

Mime:: delete\_handler

Mime:: delete\_hotlink

Mime:: delete\_mime

Mime:: delete\_redirect

Mime:: list\_handlers

Mime:: list\_hotlinks

Mime:: list\_mime

Mime:: list\_redirect

```
-17",  
  "fileCount":15,  
  "fullpath":"/public_html/testdir"  
    },  
    {  
  
      "backupID":"2017-09-18",  
  
      "dirSize":40896,  
  
      "fileCount":15,  
  
      "type":"dir",  
  
      "backupDate":"2017-09-18",  
  
      "backupType":"compressed",  
  
      "fullpath":"/public_html/testdir"  
        }  
      ],  
      "status":1,  
      "errors":null,  
      "metadata":{  
        "transformed":1
```



s

Mime:: redirect\_inf  
o

ModSecurity

ModSecurity:: disa  
ble\_all\_domains

ModSecurity:: disa  
ble\_domains

ModSecurity:: ena  
ble\_all\_domains

ModSecurity:: ena  
ble\_domains

ModSecurity:: has  
\_modsecurity\_inst  
alled

ModSecurity:: list\_  
domains

Mysql

Mysql:: add\_host

Mysql :: check\_dat  
abase

Mysql:: create\_dat  
abase

Mysql:: create\_use  
r

Mysql:: delete\_dat  
abase

Mysql:: delete\_hos  
t

Mysql:: delete\_use  
r

Mysql:: get\_privile  
ges\_on\_database

Mysql:: get\_restrict  
ions

Mysql:: get\_server  
\_information

Mysql:: locate\_ser  
ver

Mysql:: rename\_d  
atabase

Mysql:: rename\_us  
er

Mysql:: repair\_dat  
abase

Mysql:: revoke\_ac  
cess\_to\_database

Mysql:: set\_passw  
ord

Mysql:: set\_privile  
ges\_on\_database

Notifications

```
},  
"messages" :null  
}
```

**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
fullpath	string	<p><b>Required.</b></p> <p>An item in the user's home directory, or any level below it.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Note</b> : The value of this parameter <b>must</b> begin with a forward slash (/).</p> </div>	A valid file path.	/public_html/index.php

### Returns

Return	Type	Description	Possible values	Example
data	array of hashes	An array of hashes that contains information about the backups that exist in a file.	This array contains one or more unnamed hashes.	

- Notifications:: `get_notifications_count`
- NVData:: `get`
    - NVData:: `set`
  - Parser
    - Parser:: `firstfile_relative_uri`
  - PassengerApps
    - PassengerApps:: `disable_application`
    - PassengerApps:: `edit_application`
    - PassengerApps:: `enable_application`
    - PassengerApps:: `list_applications`
    - PassengerApps:: `register_application`
    - PassengerApps:: `unregister_application`
  - PasswdStrength
      - PasswdStrength:: `get_required_strength`
    - Postgresql
      - Postgresql:: `create_database`
      - Postgresql:: `create_user`
      - Postgresql:: `delete_database`
      - Postgresql:: `get_restrictions`
      - Postgresql:: `grant_all_privileges`
      - Postgresql:: `rename_database`
      - Postgresql:: `rename_user`
      - Postgresql:: `rename_user_no_password`
      - Postgresql:: `revoke_all_privileges`
      - Postgresql:: `set_password`
    - Pushbullet
      - Pushbullet:: `send_test_message`
    - Quota
      - Quota:: `get_quota`

	<i>hash</i>	A hash that contains an item's details.	This hash contains one or more of the following parameters: <ul style="list-style-type: none"> <li>• backupDate</li> <li>• backupID</li> <li>• backupType</li> <li>• dirSize</li> <li>• fileCount</li> <li>• fileSize</li> <li>• fullpath</li> <li>• modifiedDate</li> <li>• type</li> </ul>	
backupDate	<i>integer</i>	The date when the system created the backup.  The function returns this value in the unnamed hash.	The date, in YY-YY-MM-DD format, where: <ul style="list-style-type: none"> <li>• YYYY represents the year.</li> <li>• MM represents the month.</li> <li>• DD represents the date.</li> </ul>	2017-07-01
backupID	<i>string</i>	The backup's identification.  The function returns this value in the unnamed hash.	<ul style="list-style-type: none"> <li>• A date, in YYYY-MM-DD format.</li> <li>• The value incremental, for an incremental daily backup.</li> <li>• The backup frequency, a slash character (/), and the backup date, in YY-YY-MM-DD format.</li> <li>• The backup frequency, a slash character (/), and the value incremental.</li> </ul>	2017-07-01

**Note**  
:

- \_info
- ▼ Resellers
  - Resellers:: list\_accounts
- ▼ Restore
  - Restore:: directory\_listing
  - Restore:: restore\_file
  - Restore:: query\_file\_info
- ▼ Session
  - Session:: create\_temp\_user
- ▼ SiteTemplates
  - SiteTemplates:: list\_site\_templates
  - SiteTemplates:: list\_user\_settings
  - SiteTemplates:: publish
- ▼ SSH
  - SSH:: get\_port
- ▼ SSL
  - SSL:: add\_autossl\_excluded\_domains
  - SSL:: check\_shared\_cert
  - SSL:: delete\_cert
  - SSL:: delete\_csr
  - SSL:: delete\_key
  - SSL:: delete\_ssl
  - SSL:: disable\_mail\_sni
  - SSL:: enable\_mail\_sni
  - SSL:: fetch\_best\_for\_domain
  - SSL:: fetch\_cert\_info
  - SSL:: fetch\_certificates\_for\_fqdns
  - SSL:: fetch\_key\_and\_cabundle\_for\_certificate
  - SSL:: find\_certificates\_for\_key
  - SSL:: find\_csrs\_for\_key
  - SSL:: generate\_cert

The date, in YY-YY-MM-DD format, where:

- YYYY
- YYYYMM
- YYYYMMDD

SSL::generate\_certificate

SSL::generate\_key

SSL::get\_autossl\_excluded\_domains

SSL::get\_autossl\_pending\_queue

SSL::get\_autossl\_problems

SSL::get\_cabundle

SSL::get\_cn\_name

SSL::install\_ssl

SSL::installed\_hosts

SSL::installed\_hosts

SSL::is\_autossl\_check\_in\_progress

SSL::is\_mail\_sni\_supported

SSL::is\_sni\_supported

SSL::list\_certs

SSL::list\_csrs

SSL::list\_keys

SSL::list\_ssl\_items

SSL::mail\_sni\_status

SSL::rebuild\_mail\_sni\_config

SSL::rebuildssldb

SSL::remove\_autossl\_excluded\_domains

SSL::set\_autossl\_excluded\_domains

SSL::set\_cert\_friendly\_name

SSL::set\_csr\_friendly\_name

SSL::set\_key\_friendly\_name

SSL::set\_primary\_ssl

SSL::set\_ssl\_share

backup Type	<i>string</i>	<p>The backup type.</p> <p>The function returns this value in the unnamed hash.</p>	<ul style="list-style-type: none"> <li>compressed — A compressed tar file.</li> <li>incremental — A full tree of files and directories.</li> <li>uncompressed — An uncompressed tar file.</li> </ul>	compressed
dirSize	<i>integer</i>	<p>The size, in bytes, of the directory and all of its files, subdirectories, and subfiles.</p> <p>The function returns this value in the unnamed hash.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p><b>Note</b> : The function returns this value <b>only</b> when the item is a directory.</p> </div>	An integer.	12

SSL:: show\_cert  
 SSL:: show\_csr  
 SSL:: show\_key  
 SSL:: start\_autossl\_check  
 SSL:: upload\_cert  
 SSL:: upload\_key  
 ▾ StatsBar  
   StatsBar:: get\_stats  
 ▾ Styles  
   Styles:: current  
   Styles:: list  
   Styles:: set\_default  
   Styles:: update  
 ▾ Themes  
   Themes:: get\_theme\_base  
   Themes:: list  
   Themes:: update  
 ▾ TwoFactorAuth  
   TwoFactorAuth:: generate\_user\_configuration  
   TwoFactorAuth:: get\_user\_configuration  
   TwoFactorAuth:: remove\_user\_configuration  
   TwoFactorAuth:: set\_user\_configuration  
 ▾ UserManager  
   UserManager:: check\_account\_conflicts  
   UserManager:: create\_user  
   UserManager:: delete\_user  
   UserManager:: dismiss\_user  
   UserManager:: edit\_user  
   UserManager:: list\_users  
   UserManager:: lookup\_user  
   UserManager:: merge\_service\_account

fileCount	integer	<p>The sum of all the files, subfiles, and subdirectories within a specified directory.</p> <p>The function returns this value in the unnamed hash.</p> <div data-bbox="734 430 868 861" style="border: 1px solid orange; padding: 5px;"> <p><b>Note</b> : The function returns this value <b>only</b> when the item is a directory.</p> </div>	An integer.	2
fileSize	integer	<p>The size, in bytes, of the file in the backup.</p> <p>The function returns this value in the unnamed hash.</p> <div data-bbox="734 1102 868 1575" style="border: 1px solid orange; padding: 5px;"> <p><b>Note</b> : The function returns this value <b>only</b> when the item is a file or a symlink.</p> </div>	An integer.	199
fullpath	string	<p>The identical fullpath value that the system passed in the function.</p> <p>The function returns this value in the unnamed hash.</p>	A filepath.	/public_html/index.php

nt  
 UserManager:: unlink\_service\_account

▼ WebDisk  
 WebDisk:: set\_home\_dir  
 WebDisk:: set\_password  
 WebDisk:: set\_permissions

▼ WebmailApps  
 WebmailApps:: list\_webmailapps

▼ WebVhosts  
 WebVhost:: list\_domains  
 WebVhost:: list\_ssl\_capable\_domains

▼ WordPressInstanceManager  
 WordPressInstanceManager:: change\_admin\_password  
 WordPressInstanceManager:: configure\_autoupdate  
 WordPressInstanceManager:: get\_api\_version  
 WordPressInstanceManager:: get\_instance\_by\_id  
 WordPressInstanceManager:: get\_instances  
 WordPressInstanceManager:: get\_latest\_wordpress\_version\_from\_wordpress\_org

modifiedDate	integer	The file's last modified date, at the time of the backup.  The function returns this value in the unnamed hash.	The date and time in YYYY-MM-DD HH:mm format, where: <ul style="list-style-type: none"> <li>• YYYY represents the year.</li> <li>• MM represents the month.</li> <li>• DD represents the date.</li> <li>• HH represents the hour.</li> <li>• mm represents the minute.</li> </ul>	2017-06-02 12:18
type	string	The item type stored in the backup.  The function returns this value in the unnamed hash.	<ul style="list-style-type: none"> <li>• dir — A directory.</li> <li>• file — A file.</li> <li>• symlink — A symlink.</li> </ul>	file