

# HCCDns

## A Custom API for Cpanel

*Version 0.1.1 beta*

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## Installation

- 1) Check if the file `HCCDns.pm` exists in your server inside the `/usr/local/cpanel/Cpanel/` directory
- 2) If it exists and isn't a previous version of this API please contact me. Otherwise, follow steps 3 to 8
- 3) switch to root user
- 4) # `cd /usr/local/cpanel/Cpanel/`
- 5) # `wget -N http://html.conclase.net/cp/scripts/HCCDns.pm`
- 6) # `chown root.root HCCDns.pm`
- 7) # `chmod 0644 HCCDns.pm`
- 8) Add the following language variables to your language files:

```
// HCCDns (English)
HCCDns_errstr_nons=No name servers found
HCCDns_errstr_nopipe=Couldn't fork process
HCCDns_errstr_nodig=Couldn't execute dig command
HCCDns_errstr_nowhois=Couldn't execute whois command

// HCCDns (Spanish)
HCCDns_errstr_nons=No se encontraron servidores de nombres
HCCDns_errstr_nopipe=No se pudo bifurcar proceso
HCCDns_errstr_nodig=No se pudo ejecutar el comando dig
HCCDns_errstr_nowhois=No se pudo ejecutar el comando whois
```

## API Reference

### <cpanel HCCDns="NameServers()">

Lists the domain name servers. These are the name servers the user should configure for the domain to work correctly. The function first determines who the owner (reseller) of the domain is, so that the correct name servers will be displayed. If no name servers are found, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nons'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nons">
```

### <cpanel HCCDns="CurrentNameServers('domain')">

Lists the current name servers for the given *domain*. If no argument is given, the main domain for this user is used as the argument. For this function to work the `/usr/bin/dig` program must be executable by anyone. If no name servers are found, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nons'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nons">
```

If the process cannot be forked to open the `dig` command, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nopipe'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nopipe">
```

If the `dig` command is not found or cannot be executed, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nodig'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nodig">
```

### <cpanel HCCDns="Whois('domain')">

Gives the whois information about the specified domain. If no domain name is provided, the main domain for this user is taken. For this function to work the `/usr/bin/whois` program must be executable by anyone.

If the process cannot be forked to open the `whois` command, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nopipe'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nopipe">
```

If the `whois` command is not found or cannot be executed, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nowhois'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nowhois">
```

### <cpanel HCCDns="Dig('domain', 'type')">

Displays the results of running the command `dig domain type` where *type* is the query type. Allowed query types are: A, CNAME, MX, NS, PTR, SOA and ANY (case insensitive). If no domain name is provided, the main domain for this user is taken. If no query type is provided, the `A` value is taken. For this function to work the `/usr/bin/dig` program must be executable by anyone.

If the process cannot be forked to open the `dig` command, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nopipe'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nopipe">
```

If the `dig` command is not found or cannot be executed, the following variables are set:

```
$CPERROR{'HCCDns'} = 1
$CPERROR{'HCCDns_nodig'} = 1
$CPERROR{'HCCDns_errstr'} = <cpanel printlang="HCCDns_errstr_nodig">
```

## Changelog

### 0.1.1 Beta – 11/MAY/2005

Fixed lang function to account for Cpanel's cachelang mechanism.

### 0.1 Beta – 23/SEP/2003

Forked from HCCApi 0.3.7.

First public release.

Added `$CPERROR` error codes.

*CurrentNameServers* has a bigger set of public nameservers to choose from.

The *Whois* and *Dig* output is no longer enclosed in a DIV element.

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