

HCCServerinfo

A Custom API for Cpanel

Version 0.1.2 beta

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<http://html.conclase.net/cp/scripts/license.html>

Installation

- 1) Check if the file `HCCServerinfo.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/HCCServerinfo.pm`
- 6) `# chown root.root HCCServerinfo.pm`
- 7) `# chmod 0644 HCCServerinfo.pm`
- 8) Add the following language variables to your language files:

```
// HCCServerinfo (English)

HCCServerinfo_StatusOK=OK
HCCServerinfo_StatusWarning=Warning
HCCServerinfo_StatusAlert=Alert
HCCServerinfo_ServiceUp=Up
HCCServerinfo_ServiceDown=Down
HCCServerinfo_ServiceUpIcon=/green-status.gif
HCCServerinfo_ServiceDownIcon=/red-status.gif
HCCServerinfo_MemoryUsed=Memory Used
HCCServerinfo_MemoryIconOK=/green-status.gif
HCCServerinfo_MemoryIconWarning=/yellow-status.gif
HCCServerinfo_MemoryIconAlert=/red-status.gif
HCCServerinfo_SwapUsed=Swap
HCCServerinfo_SwapIconOK=/green-status.gif
HCCServerinfo_SwapIconWarning=/yellow-status.gif
HCCServerinfo_SwapIconAlert=/red-status.gif
HCCServerinfo_ServerLoad=Server Load
HCCServerinfo_LoadIconOK=/green-status.gif
HCCServerinfo_LoadIconWarning=/yellow-status.gif
HCCServerinfo_LoadIconAlert=/red-status.gif
HCCServerinfo_Partition=Partition
HCCServerinfo_PartitionIconOK=/green-status.gif
HCCServerinfo_PartitionIconWarning=/yellow-status.gif
HCCServerinfo_PartitionIconAlert=/red-status.gif

// HCCServerinfo (Spanish)
HCCServerinfo_StatusOK=Normal
HCCServerinfo_StatusWarning=Advertencia
HCCServerinfo_StatusAlert=Alerta
HCCServerinfo_ServiceUp=Activo
HCCServerinfo_ServiceDown=No Activo
HCCServerinfo_ServiceUpIcon=/green-status.gif
HCCServerinfo_ServiceDownIcon=/red-status.gif
HCCServerinfo_MemoryUsed=Memoria Usada
HCCServerinfo_MemoryIconOK=/green-status.gif
HCCServerinfo_MemoryIconWarning=/yellow-status.gif
HCCServerinfo_MemoryIconAlert=/red-status.gif
HCCServerinfo_SwapUsed=Swap
HCCServerinfo_SwapIconOK=/green-status.gif
HCCServerinfo_SwapIconWarning=/yellow-status.gif
HCCServerinfo_SwapIconAlert=/red-status.gif
HCCServerinfo_ServerLoad=Carga del Servidor
HCCServerinfo_LoadIconOK=/green-status.gif
HCCServerinfo_LoadIconWarning=/yellow-status.gif
```

```
HCCServerinfo_LoadIconAlert=/red-status.gif  
HCCServerinfo_Partition=Partición  
HCCServerinfo_PartitionIconOK=/green-status.gif  
HCCServerinfo_PartitionIconWarning=/yellow-status.gif  
HCCServerinfo_PartitionIconAlert=/red-status.gif
```

Optionally you may upload and specify your own icons for each category.

API Reference

`<cpanel HCCServerinfo="status(option1,option2,...)">`

Displays the system status variables. Each option corresponds to a group of variables. This call is similar to `<cpanel Serverinfo="servicestatus()">` but allows for better customization. Currently available options are:

- *services*. These are the services checked by the `chkservd` daemon. A table row is returned for each monitored service.
- *load*. The average server load durante the last minute. Information is extracted via `cat /proc/loadavg`.
- *memory*. Memory use, expressed in percentage. Requires the `/usr/bin/free` program to be in the path and to be world executable.
- *swap*. Swap use, expressed in percentage. Requires the `/usr/bin/free` program to be in the path and to be world executable.
- *partitions*. Hard drive partitions and their current utilization expressed in percentage. Requires the `/bin/df` program to be in the path and to be world executable. A table row is returned for each partition.

Options can be specified in any order, and any number of options can be specified.

Each table row contains three cells: resource name, a textual representation of its status, and an iconic representation of its status. Texts and icons can be customized via language files.

For CSS formatting purposes, the row elements have class name `hcc-service-row`, and table cells have class names `hcc-service-name`, `hcc-service-status` and `hcc-service-icon` respectively.

Example:

```
<table>
<cpanel HCCServerinfo="status(services, load, memory)">
</table>
```

Changelog

0.1.2 Beta – May 11, 2005

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

0.1.1 Beta – September 23, 2003

Follow same convention for key values in language files than in the other HCC Api modules, i.e., HCCServerinfo_StatusOK instead of HCCStatusOK, etc.

Uses full paths for `free` and `df`.

Fixed bug by which services which were down were displayed as being up.

Fixed bug by which the warning icon for server load did not appear.

0.1 Beta – May 6, 2003

First public release.

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