

# ctys - Common Online-**H**elp Interface

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## 1 NAME

**ctys-help-on - Common Online-Help Interface**

## 2 SYNTAX

**<ctys-command>**

**-H <help-option>**

```
<help-option>:=
    (man|html|pdf)][=((1-9)|<help-on-item>[,<help-on-item-list>])
    | (path|list|listall)
    | funcList=<any-function>[@<module-name>[@...]][,<any-function>...]
    | funcListMod=<any-function>[@<module-name>[@...]][,<any-function>...]
    | funcHead=<any-function>[@<module-name>[@...]][,<any-function>...]
    | _ONLINEHELP_
    | _HELP_
)
```

## 3 DESCRIPTION

The **-H** option is the common generic option of all tools for the display of online help.

The default is the display of man pages within a commandline terminal. This could be any valid document within the search list defined by the variable MANPATH. The output format could be optionally specified as PDF and HTML documents.

This tool is also used within menu entries of the XDG desktop of Freedesktop.org for graphical display of online help. Therefore the current version provides the simple HTML lists **doc.html** for the **DOC-Package**, and the **base.html** file for the **BASE-Package**.

### REMARK:

For the **-H** option of the call 'ctys -H man' and 'ctys-vhost -H man' the man parameter is mandatory. In all other cases the call '<any-other-ctys> -H' searches for 'man' output by default within MANPATH.

## 4 OPTIONS

The following suboptions and parameters could be applied:

### **-H path**

Displays current document and man path.

### **-H list**

Lists available online documents and manpages.

### **-H listall**

Lists available online documents and manpages including the documents available by MANPATH.

### **-H (man|html|pdf)[=([1-9]|<help-on-item-list>)]**

Displays the requested information with one of the formats **man**, **pdf**, or **html**. The following viewers are preconfigured as shell variables within the configuration files and can be adapted as required:

```
CTYS_MANVIEWER=man
CTYS_PDFVIEWER=(acroread else kpdf else gpdf)
CTYS_HTMLVIEWER=(konqueror else firefox)
```

Default is **manpage** for the current process with **man 1 ....** Additional constraints could be applied such as another man-section or a filename, which could be either literally matching or a string to be expanded. In case of expansion the first match is taken.

**-H funcList**=[<any-function>][@<module-name>[@...]]

List of function names, sorted by function names. In addition the file names and line numbers are displayed too.

**-H funcListMod**=[<any-function>][@<module-name>[@...]]

List of function names, sorted by file names. In addition the file names and line numbers are displayed too.

**-H funcHead**=[<any-function>][@<module-name>[@...]]

Displays the contents of function headers, sorted by file names. The following constraints could be applied:

- <any-function>: If given <any-function> than only this is displayed.
- <module-name>: If given <module-name>, than the functions contained within this module only are displayed.

**-H ( \_ONLINEHELP \_ | \_HELP \_ )**

Displays the predefined online help for the installed package.

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## 5 EXAMPLES

<ctys-command> **-H ( \_ONLINEHELP \_ | \_HELP \_ )**

Displays the predefined online help for the installed package.

<ctys-command> **-H html=base**

Displays a summary of links for all documents contained in the **BASE** package.

<ctys-command> **-H html=doc**

Displays the extended online help as contained in the **DOC** package.

<ctys-command> **-H list**

Lists available online documents and manpages.

<ctys-command> **-H ctys**

Displays the **manpage** for ctys with **man**.

<ctys-command> **-H man=ctys**

Displays the **manpage** for ctys with **man**.

<ctys-command> **-H html=ctys**

Displays the **manpage** for ctys with CTYS\_HTMLVIEWER, by default **firefox** or **konqueror**.

<ctys-command> **-H pdf=ctys**

Displays the **manpage** for ctys with CTYS\_PDFVIEWER, by default **kpdf**, **gpdf**, or **acroread**.

<ctys-command> **-H pdf=howto**

Displays the **ctys-howto-online.pdf**, which is displayed in alphabetical order before **ctys-howto-print.pdf**.

<ctys-command> **-H pdf=howto-print**

Displays the **ctys-howto-print.pdf**, which is the first appropriate match.

<ctys-command> **-H pdf=command-ref**

Displays the **ctys-command-reference.pdf**.

<ctys-command> **-H html=CLI,X11,VNC,VMW**

Displays the **manpage** for ctys-CLI, ctys-X11, ctys-VNC and ctys-VNM with

CTYS\_HTMLVIEWER, by default **firefox** or **konqueror**. For incomplete names a search with **find** is utilized for name expansion.

**<ctys-command> -H html=ctys-extractARPlst,extractMAClst**

Displays the **manpage** for ctys-extractARPlst and ctys-extractARPlst with CTYS\_HTMLVIEWER, by default **firefox** or **konqueror**. For incomplete names a search with **find** is utilized for name expansion.

## 6 SEE ALSO

**ctys manuals**

*ctys-command-reference-online.pdf, ctys-command-reference-print.pdf*

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## 8 COPYRIGHT

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