

# ctys-macros(1)

## search and list macros

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## 1 NAME

**ctys-macros** - searches and list macros

## 2 SYNTAX

**ctys-macros**

```
[-a]
[-c]
[-d <debug-level>*]
[-D <deepness-level>]
[-e [<macro-file-list>|<path-list>]]
[-E]
[-F]
[-f <macro-file>]
[-h]
[-H <help-options>]
[-l]
[-N]
[-S]
[-V]
[-X]
[<macro-list>]
```

## 3 DESCRIPTION

**ctys-macros** searches within a macro file and lists the matched macros as requested. Therefore the standard path is searched for a macro file with the provided name or 'default'. The result could be filtered by adding an optional filter rule as argument.

Even though the options **-S**, **D**, and **-F** are already provided for display of subtrees, the actual evaluation in current version is proceeded within a flat search of the provided **CTYS\_MACRO\_PATH**.

The '-e' option provides by default for Emacs based edit , but could be adapted by configuration of **CTYS\_MACROSEEDIT**.

## 4 OPTIONS

- a**  
Adds **atoms** to the displayed list.
- c**  
Adds **combined** to the displayed list.
- d <debug-level>**  
Same as **ctys**.
- D <deepness-level>**  
Display structure of macros with the given level of recursion deepness.

**-e** [**<macro-file-list>** | **<path-list>**]

Edit one or multiple groups by **Emacs**. When no argument is provided the `CTYS_MACRO_PATH` is evaluated and an Emacs instance is opened with all present directories. When a directory and/or group list - which is actually a file list - is provided, these are searched for the relative path provided, first from current directory, than by using each **existing entry** within `CTYS_MACRO_PATH` as a prefix. Absolute paths are just evaluated for providing a valid filename/pathname.

The default editor could be configured within the distribution specific configuration file by `CTYS_MACROSEEDIT`. Currently preconfigured editors/starters are: Emacs, gvim, vim, konqueror, and nautilus.

**-E**

List **expanded** definitions. Sets implicitly the "-c" option.

**-f** **<macro-file>**

The basename of the macro file to be searched within the standard path list. DEFAULT:"default"

**-F**

Display file structure of groups with the given level in **-D** option.

**-h** | **help** | **help**

Print help, refer to "-H" for additional information.

**-H** **<help-option>**

The extended help option is based on system interfaces for display of manpages, PDF and HTML documents. This comprises the man pages and installed manuals.

For additional help refer to the documents or type **ctys -H help**.

**-l**

Lists **available macro files** within the standard searchpath. Each of this has to be fully self-contained file, which could be selected by usage of it's basename only. The selection order in case of multiple occurrence is "first-wins".

**-N**

List **non-expanded** definitions, default is names only. The scope of display (atoms, combined) is not influenced.

**-S**

Display directory structure of groups with the given level of deepness in **-D** option.

**-V**

Version.

**-X**

Terse.

## 5 ARGUMENTS

An optional list of macros to be displayed. The names are case sensitive and are expand completely.

## 6 EXIT-VALUES

**0: OK:** Result is valid.

**1: NOK:** Erroneous parameters.

**2: NOK:** Missing an environment element like files or databases.

## 7 SEE ALSO

*ctys-groups(1)*

## 8 AUTHOR

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Sourceforge.net: <<http://sourceforge.net/projects/ctys>>  
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