

help

<code><text> <text>...</code>	display brief information about the specified topic(s)
<code><text>.syntax</code>	display the syntax for the specified command(s)
<code><text>.command</code>	display help for the specified command only
<code>/full <text></code>	display help information about a topic in full
<code>/header <text></code>	display the header line only for each entry
<code>/topics <text></code>	list the topic names beginning with specified name only
<code>/topics</code>	list the topic names of all help library entries
<code>/topics/full</code>	list the topic names with alias (alternative) names

The **help** command displays Semper on-line help for a command or topic.

Examples

```
help
```

This command lists a summary of how to use the on-line help.

```
help mask
```

This command displays help information for the **mask** command.

```
help xwires mark
```

This command displays help information about the **xwires mark** command.

```
help x
```

This command displays help information for all topics beginning with **x**.

```
help dis
```

This command displays help information for all topics beginning with **dis**, that is, **disc** and **display**.

```
help mask.syntax
```

This command displays the syntax of the **mask** command.

help

```
help display
```

```
help display.command
```

The first command in this example would tell you about *display devices* as well as the **display** command. The second command would only list information about the **display** command.

```
help display.syntax
```

This command lists the syntax of the **display** command.

```
help/topics a b c
```

This command lists all topics beginning with *a*, *b* and *c*.

```
help/topics.command
```

This command lists all topics that describe commands.

```
help xwires/full
```

This command provides full information about the **xwires** command.

```
help x/header
```

This command displays the header only of each **x** entry in the help file.

Description

The **help** command allows you to ask for information about a command or topic that is concerned with running Semper or image processing in general (for example, about Semper picture classes or image transforms). It allows you to specify that you would like to see help on:

- command syntax (**.syntax**)
- command/topic description (**.command**)
- header information about a command/topic (**/header**)
- full help entry for a command/topic (**/full**)
- list of help titles only (**/topics**)

help

Note that you can ask for several topics at once, for example, **help acf backproject**, lists help information for the commands **acf** and **backproject**. You can also abbreviate topic names, for example:

```
help h
```

provides help on all help topics beginning with **h**, which would include the following:

- halfplane.command
- halfplane.syntax
- help.command
- hilbert.command
- hilbert.syntax
- histogram
- histogram.command
- histogram.syntax
- hp.command
- hp.syntax
- hue

Note that all letters are treated as significant by the **help** command (as opposed to the first three), for example, **help logical** does not match *logfile*. A full-stop causes matching to resume after the next full stop in the topic name, for example, **d.s** matches **display.scaling**. Alternative names (aliases) are recorded for most topics, which means that by typing, for example, **help classification** you will see help information for the *Remote Sensing* classification commands **box**, **learn**, **likelihood**, **mindistance** etc.

If you see the message '*No help library assigned*' this means that you need to use the **assign** command to assign one (and preferably include the command in your start-up file).

Note that if you do not have a help library assigned you can always use the **syntax** command to see the syntax of a Semper command. **syntax** lists the keys and options for each command in a form that is understood and used by Semper as the precise command definition.

Background commands

The **help** command not only provides information about commands but also provides information on a range of image processing topics and about using Semper. These topics are listed below. For example, to see help information on morphology type **help morphology**.

Abandon
Blocks
Cd

Classes
Commands
Comments

Conditionals
Connectivity

Semper 6 Command Reference

help

Coordinates
Correlation
Cursor.Movement
Date
Debugging
Devices
Display
Display.Variable
Elements
Errors
Expressions
Fileopening
Filepath.
Filetypes
Filters
Forms
Fourier
Fs
Functions
Graphics
Graphics.Coordinates
Histogram
Hue

Illumination
Images
Keyboard
Keys
Labels
Layout
Logicals
Luts
Macros
Mark
Minimum
Mkmode
Morphology
Options
Origin
Pa.Additional
Pa.Conditionals
Pa.Picturenumbers
Pa.Sort
Particle.Analysis
Particle.Parameters
Partitions
Picturenumbers

Pixels
Plists
Program.Libraries
Program.Structure
Programs
Protection
Ranges
Regions
Relinking
Select
Semper
Semper6Plus
Sizes
Startup
Subscripts
Tapes
Text
Textstrings
Titles
Transforms
Upgrade
Variables
Viewing

Notes:

see also: **assign, syntax**