



# TASKWARRIOR 2.2.0

Command Reference  
<http://taskwarrior.org>

Basic  
Usage

```
task add Pay the bills
task add Call the bank
task list
task 1 modify due:Friday
task 1 done
task 2 delete
```

Help

```
man task
man taskrc
man task-tutorial
man task-color
man task-faq
man task-sync
```

## Write Commands

|                            |               |                     |  |
|----------------------------|---------------|---------------------|--|
| <b>task</b>                | <b>add</b>    | <b>&lt;mods&gt;</b> | Adds a new task                                    |
| task <filter>              | annotate      | <mods>              | Adds an annotation to an existing task             |
| task <filter>              | append        | <mods>              | Appends text to an existing task description       |
| task <filter>              | delete        | <mods>              | Deletes the specified task                         |
| task <filter>              | denotate      | <pattern>           | Deletes an annotation                              |
| <b>task &lt;filter&gt;</b> | <b>done</b>   | <b>&lt;mods&gt;</b> | Marks the specified task as completed              |
| task <filter>              | duplicate     | <mods>              | Duplicates the specified tasks                     |
| task <filter>              | edit          |                     | Launches an editor to modify a task directly       |
| task                       | log           | <mods>              | Adds a new task that is already completed          |
| <b>task &lt;filter&gt;</b> | <b>modify</b> | <b>&lt;mods&gt;</b> | Modifies the existing task with provided arguments |
| task <filter>              | prepend       | <mods>              | Prepends text to an existing task description      |
| task <filter>              | start         | <mods>              | Marks specified task as started                    |
| task <filter>              | stop          | <mods>              | Removes the 'start' time from a task               |

## Read Commands

|                            |                           |  |
|----------------------------|---------------------------|--|
| task <filter>              |                           | Runs rc.default.command, if specified.             |
| task <filter>              | burndown.daily            | Shows a graphical burndown chart, by day           |
| task <filter>              | burndown.monthly          | Shows a graphical burndown chart, by month         |
| task <filter>              | burndown.weekly           | Shows a graphical burndown chart, by week          |
| task                       | calendar [due month year] | Shows a calendar, with due tasks marked.           |
| task <filter>              | count                     | Counts matching tasks                              |
| task <filter>              | export                    | Exports tasks in JSON format                       |
| task <filter>              | ghistory.annual           | Shows a graphical report of task history, by year  |
| task <filter>              | ghistory.monthly          | Shows a graphical report of task history, by month |
| task <filter>              | history.annual            | Shows a report of task history, by year            |
| task <filter>              | history.monthly           | Shows a report of task history, by month           |
| task <filter>              | ids                       | Shows the IDs of matching tasks, as a range        |
| task <filter>              | information               | Shows all data and metadata                        |
| <b>task &lt;filter&gt;</b> | <b>next</b>               | Lists the most urgent tasks                        |
| task <filter>              | projects                  | Shows all project names used                       |
| task <filter>              | stats                     | Shows task database statistics                     |
| task <filter>              | summary                   | Shows a report of task status by project           |
| task <filter>              | tags                      | Shows a list of all tags used                      |
| task                       | timesheet [weeks]         | Weekly summary of completed and started tasks      |
| task <filter>              | uids                      | Shows the UUIDs of matching tasks                  |

|               |          |  |
|---------------|----------|--|
| task <filter> | <report> | Runs report with filter. Report can be one of:<br><b>active, all, blocked, completed, list, long, ls, minimal, newest, oldest, overdue, recurring, ready, unblocked, waiting</b> or your custom report |
|---------------|----------|--|

## Miscellaneous Commands

|      |                            |   |
|------|----------------------------|---|
| task | colors [sample   legend]   | All colors, a sample, or a legend           |
| task | columns                    | All supported columns and formatting styles |
| task | config [name [value   '']] | Change settings in the task configuration   |
| task | diagnostics                | Platform, build and environment details     |
| task | execute <external command> | Executes external commands and scripts      |
| task | help                       | Displays this usage help text               |
| task | import <file> [<file> ...] | Imports JSON files                          |
| task | logo                       | Displays the Taskwarrior logo               |
| task | reports                    | Lists all supported reports                 |
| task | shell                      | Launches an interactive shell               |
| task | show [all   substring]     | Shows all configuration variables or subset |
| task | undo                       | Reverts the most recent change to a task    |
| task | version                    | Shows the taskwarrior version number        |

## Common Questions

|  |                                  |
|--|----------------------------------|
| task tag next                            | Show tasks having tag            |
| task -tag next                           | Show tasks not having tag        |
| task <filter> modify depends:<id>[,...]  | Add dependency to task           |
| task <filter> modify depends:-<id>[,...] | Remove dependency from task      |
| task <filter> modify wait:<date>         | Task will disappear until <date> |

## Synch Commands

|                  |  |
|------------------|--|
| task merge URL   | Merges the remote files with the local files |
| task pull URL    | Pulls remote files from the URL              |
| task push URL    | Pushes the local files to the URL            |
| task synchronize | Synchronizes data with the Task Server       |

## A <filter> is zero or more restrictions on tasks

|   |           |        |
|---|-----------|--------|
| task                                      | <command> | <mods> |
| task 28                                   | <command> | <mods> |
| task +weekend                             | <command> | <mods> |
| task project:Home due:before:today        | <command> | <mods> |
| task ebeeab00-ccf8-464b-8b58-f7f2d606edfb | <command> | <mods> |

## Filters combine with 'and', but 'or' and 'xor' may be used with parentheses

```
task ' ( /[Cc]at|[Dd]og/ or /[0-9]+/ ) ' <command> <mods>
```

## Filters may target specific tasks using ID or UUID numbers

|   |              |
|---|--------------|
| task 1,2,3                                    | delete       |
| task 1-3                                      | info         |
| task 1,2-5,19                                 | modify pri:H |
| task 4-7 ebeeab00-ccf8-464b-8b58-f7f2d606edfb | info         |

## The <mods> consist of zero or more changes to apply to the tasks

|               |           |                               |
|---------------|-----------|-------------------------------|
| task <filter> | <command> | project:Home                  |
| task <filter> | <command> | +weekend +garden due:tomorrow |
| task <filter> | <command> | Description/annotation text   |

## Tags are arbitrary words

|      |                            |
|------|----------------------------|
| +tag | The + means add the tag    |
| -tag | The - means remove the tag |

## Alternately algebraic expressions support

|               |                      |
|---------------|----------------------|
| and or xor    | Logical operators    |
| < <= = != > > | Relational operators |
| ( )           | Precedence           |

```
task due:before:eom priority.not:L list
task '(due < eom or priority != L)' list
```

## The default .taskrc file can be overridden

```
task ... rc:<alternate file> ...
task ... rc:~/alt_taskrc ...
TASKRC=~/.alt_taskrc task ...
```

## The values in .taskrc (or alternate) can be overridden

```
task ... rc.<name>=<value> ...
task rc.color=off list
```

## Any command or attribute name may be abbreviated if unique

```
task list project:Home
task li pro:Home
```

## Some task descriptions need to be escaped because of the shell

```
task add "quoted ' quote"
task add escaped \' quote
```

## The -- treats all other args as description, no matter what

```
task add -- project:Home needs scheduling
```

## Many characters have special meaning to the shell, including:

```
$ ! ' " ( ) ; \ ` * ? { } [ ] < > | & % # ~
```

## Dates

```
3/14/2012 (rc.dateformat)
20120314T230140Z (ISO)
today
yesterday
tomorrow
Tuesday
14th
sow, eow
som, eom
soq, eoq
soy, eoy
weekday
```

## Recurrence

```
hourly, 1hr
daily, day, 1day
weekly, 1wk
monthly, 1mo
biweekly, fortnight
quarterly, 1qtr
semiannual, 6months
biannual, biyearly, 2yrs
```

## Attribute modifiers

|            |                |
|------------|----------------|
| before     | (under, below) |
| after      | (over, above)  |
| none       |                |
| any        |                |
| is         | (equals)       |
| isnt       | (not)          |
| has        | (contains)     |
| hasnt      |                |
| startswith | (left)         |
| endswith   | (right)        |
| word       |                |
| noword     |                |

## Built-in attributes

|             |                                   |
|-------------|-----------------------------------|
| description | Task text                         |
| status      | Pending, Completed, Deleted       |
| project     | Project name                      |
| priority    | Priority                          |
| limit       | Desired number of rows, or 'page' |
| entry       | Date task was created             |
| start       | Date task was started             |
| end         | Date task was completed/deleted   |
| wait        | Date until task becomes pending   |
| scheduled   | Date task may be started          |
| due         | Due date                          |
| recur       | Recurrence frequency              |
| until       | Date task will be auto-deleted    |

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IRC

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