TASKWARRIOR
Command Reference
taskwarrior.org

`task [subcommand] [arguments]`

`task shell`
Launches the Taskwarrior interactive shell.

ID
Unique identifier for each task. ID sequences (1,4-10,19) can be given to commands to affect multiple tasks. Without a command, or arguments, displays the IDs "info."

EDITING

`add [tags] [attrs] description`
Adds a new task to the task list.

`log [tags] [attrs] description`
Adds a new completed task to the task list.

`append [tags] [attrs] description`
Appends information to an existing task description.

`prepend [tags] [attrs] description`
Prepends information to an existing task description.

`annotate ID description`
Adds a time-stamped annotation to an existing task.

`denotate ID description`
Deletes an annotation from the specified task. A partial description will delete the first match.

`duplicate ID [tags] [attrs] [description]`
Duplicates the specified task and allows modifications.

`start ID`
Marks the specified task with a start time.

`stop ID`
Removes the start time from the specified task.

`done ID [tags] [attrs] [description]`
Marks the specified task as done.

REPORTS & INFORMATION

`active [tags] [attrs] [description]`
Active tasks matching specified criteria that are incomplete.

`all [tags] [attrs] [description]`
All tasks matching the specified criteria.

`completed [tags] [attrs] [description]`
Completed tasks matching specified criteria.

`minimal [tags] [attrs] [description]`
Provides a minimal listing of tasks with specified criteria.

`ls [tags] [attrs] [description]`
Provides a short listing of tasks with specified criteria.

`list [tags] [attrs] [description]`
Provides a more detailed listing of tasks with specified criteria.

`long [tags] [attrs] [description]`
Provides the most detailed listing of tasks with specified criteria.

`newest [tags] [attrs] [description]`
Shows the newest tasks with specified criteria.

`oldest [tags] [attrs] [description]`
Shows the oldest tasks with specified criteria

`undo`
Reverts the task list to the most recent action.

`delete ID`
Deletes the specified task from the task list. Can be undone.

`edit ID`
Launches an editor to let you modify all aspects of a task directly. Use with care.

Modifying & Substitutions

`ID [tags] [attrs] [description]`
Modifies the existing task with provided information.

`ID /from/to/`
Performs one substitution on task description and annotation.

`ID /from/to/g`
Performs all substitutions on task description and annotation.

Escaping Special Characters

Quotes, escaping, or the double dash argument allow the use of special characters or commands within a description.

```
$ task add "quoted ' quote"
$ task add escaped \\' quote
$ task add -- project:Home needs scheduling
```

`overdue [tags] [attrs] [description]`
Shows all incomplete tasks matching the specified criteria that are beyond their due date.

`recurring [tags] [attrs] [description]`
Shows all recurring tasks matching the specified criteria.

`waiting [tags] [attrs] [description]`
Shows all waiting tasks matching the specified criteria.

`next [tags] [attrs] [description]`
Shows all tasks with upcoming due dates matching the specified criteria.

Information

`info ID`
Shows all data and metadata for the specified task.

`projects`
Lists all project names that are currently used by pending tasks, and the number of tasks for each.

`tags`
Show a list of all tags used.

`summary`
Shows a report of task status by project.

`timesheet [weeks]`
Weekly report of tasks completed and started.

ATTRIBUTES

`+tag|-tag`
Arbitrary words associated with a task. Use + to add a tag and – to remove a tag from a task.

`project:<project-name>`
Specifies the project to which a task is related to.

`priority:H|M|L|N`
Specifies High, Medium, Low and No priority for a task.

`due:<due-date>`
Specifies the due-date of a task.

`recur:<frequency>`
Specifies the frequency of a recurrence of a task.

`until:<end-date-of-recurrence>`
Specifies the Recurrence end-date of a task.

`fg:<color-spec>`
Specifies foreground color.

`bg:<color-spec>`
Specifies background color.

`limit:<number-of-rows>`
Specifies the desired number of tasks a report should show.

`wait:<wait-date>`
Date until task becomes pending.

`history (history.monthly)`
Report of task history by month.

`history.annual`
Report of task history by year.

`ghistory (ghistory.monthly)`
Graphical report of task status by month.

`ghistory.annual`
Graphical report of task status by year.

`calendar [ y | due [y] | month year [y] | year ]`
Shows a monthly calendar with due tasks marked.

`stats`
Shows task database statistics.

Dates

Exact specification
`due:7/14/2008`
NOTE: Determined by the <dateformat> configuration variable in the task configuration file.

Relative wording
`due:today`
`due:yesterday`
`due:tomorrow`

Day number with ordinal
`due:23rd`

End of week (Friday), month and year
`due:eow`
`due:eom`
`due:eoy`

Next occurring weekday
`due:fri`

Frequencies

`daily, day, 1d, 2d, ...`
Every day or a number of days.

`weekdays`
Mondays, Tuesdays, Wednesdays, Thursdays, Fridays and skipping weekend days.

`weekly, 1w, 2w, ...`
Every week or a number of weeks.

`biweekly, fortnight`
Every two weeks.

`quarterly, 1q, 2q, ...`
Every three months, a quarter, or a number of quarters.

`semiannual`
Every six months.

`annual, yearly, 1y, 2y, ...`
Every year or a number of years.

`biannual, biyearly, 2y`
Every two years.

Attribute Modifiers

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

CONFIGURATION

`color [sample]`
  Displays all possible colors, or a sample.
  NOTE: See the wiki and ~/.taskrc for details on configuring
  colors.

`version`
  Shows the task version number

`help`
  Shows the long usage text.

`show [all | substring]"`
  Shows all the current settings in the task configuration file. If a
  substring is specified just the settings containing that substring
  will be displayed.

`config [name [value | '']]`
  Add, modify and remove settings directly in the task
  configuration.

Configuration Files & Override Options

`~/.taskrc`
  User configuration file - see the taskrc man page for details.

`~/.task`
  The default directory where task stores its data files. The
  location can be configured in the configuration file.

`~/.task/pending.data`
  The file that contains the tasks that are not yet done.

`~/.task/completed.data`
  The file that contains the completed "done" tasks.

`~/.task/undo.data`
  The file that contains the information to the "undo" command.

`rc:<path-to-alternate-file>`
  Specifies an alternate configuration file.

`task rc.<name>:<value> ...`
  Specifies individual configuration file overrides.

IMPORT/EXPORT

`import [file]`
  Imports tasks from a variety of formats.

`export (export.csv)`
  Exports all tasks in CSV format. Redirect the output to a file, if
  you wish to save it, or pipe it to another command.

`export.ical`
  Exports all tasks in iCalendar format.

  NOTE: See the wiki for detailed information on importing and
  exporting.