

# TASKWARRIOR 2.0.0

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-synch
```

## Write Commands

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

## 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> <mode>
task 28 <command> <mode>
task <weekend> <command> <mode>
task project:Home due:before:today <command> <mode>
task <beebab00-c0f8-464b-8b58-f7f2d606edfb> <command> <mode>
```

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

```
task '!(Cejat|Dd)og/ or /(O-S)/' <command> <mode>
```

## 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 <beebab00-c0f8-464b-8b58-f7f2d606edfb> info
```

## The <mode> 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
+ - Addition, subtraction
! Inversion
!- Match, no match
() Precedence
```

```
task due:before:10am priority:not:L list
task '(due < 10am or priority != L)' list
```

## The default taskrc file can be overridden

```
task ... rc:alternate:file ...
task ... rc:/.../alt.taskrc ...
```

## 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 proj: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

```
10/02/2011 (rc.dateformat)
20111002T000000Z (ISO)
today
yesterday
tomorrow
Tuesday
23rd
sow, eow
som, eom
soq, eoq
soy, eoy
weekday
```

## Recurrence

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

## Attribute modifiers

```
status (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
due Due date
recur Recurrence frequency
until Recurrence end date
limit Desired number of rows, or 'page'
wait Date until task becomes pending
entry Date task was created
end Date task was completed/deleted
start Date task was started
```

## Read Commands

```
task <filter> active Runs rc.default.command, if specified.
task <filter> all Lists active tasks
task <filter> blocked Lists all pending and completed tasks
task <filter> blocked Lists all blocked tasks
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> completed Lists completed tasks
task <filter> count Counts completed 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> ghistory.annual Shows a report of task history, by year
task <filter> ghistory.monthly Shows a report of task history, by month
task <filter> ids Shows the IDs of matching tasks, as a range
task <filter> ids Shows all data and metadata
task <filter> information Lists all pending tasks
task <filter> list Lists all pending tasks
task <filter> long Minimal listing of all pending tasks
task <filter> ls Minimal listing of all pending tasks
task <filter> minimal Really minimal listing
task <filter> newest Shows the newest tasks
task <filter> next Lists the most urgent tasks
task <filter> oldest Shows the oldest tasks
task <filter> overdue Lists overdue tasks
task <filter> overdue Shows all project names used
task <filter> projects Lists recurring tasks
task <filter> recurring Shows task database statistics
task <filter> status Shows a report of task status by project
task <filter> tags Shows a list of all tags used
task <filter> timesheet [weeks] Weekly summary of completed and started tasks
task <filter> unblocked Lists all unblocked tasks
task <filter> waiting Lists all waiting tasks
```

## 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
```

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