



## TASKWARRIOR 2.3.0

### Command Reference

#### Docs

<http://taskwarrior.org>

#### Q&A

<http://answers.tasktools.org>

#### Support

[support@taskwarrior.org](mailto:support@taskwarrior.org)  
#taskwarrior on freenode

#### Help

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

#### Basic Usage

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

#### Escape shell characters:

```
task add John\'s birthday
```

#### Quote shell characters:

```
task add "John's birthday"
```

#### Escape These:

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

#### Debugging

```
task rc.debug=1
task diagnostics
task rc.debug.tls=<level> ...
```

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## Syntax:

### task

### <override>

### <filter>

### <command>

### <modifications>

#### Runtime Override

```
rc.<variable>=<value>
```

#### Config File Override

```
rc:<file>
```

#### Parser Override

```
task <parsed> -- <unparsed>
```

#### Configuration

```
task show [<var>]
task config <var> <value>
task config <var>
task config <var> ''
```

#### UDA Configuration

```
uda.NAME.type=TYPE
uda.NAME.label=LABEL
uda.NAME.value=VAL, VAL, ...
```

#### TYPE:

string, date, duration,  
numeric

#### Sync Configuration

```
taskd.server
taskd.ca or taskd.trust
taskd.certificate
taskd.key
taskd.credentials
taskd.ciphers
```

#### Date Formats

##### With Time

```
rc.dateFormat=YMD_HNS
```

##### Just Date

```
rc.dateFormat=YMD
```

#### Annotations

```
Add: task <id> annotate foo
Remove: task <id> denotate foo
```

#### Annotation en-passant

```
task <id> done Finished it
task <id> delete Not needed
```

#### Synchronize

```
task sync init (first time)
task sync
```

#### Import/Export

```
task [<filter>] export
task import <file>
```

Used for writing extensions, wrappers.

#### Filter

Expression of terms with values,  
operators.

```
<term> [<op> <term> ...]
```

#### Terms

```
<attr>:<value>
<attr>.<modifier>:<value>
<DOM>
<ID range>
<UUID list>
```

#### ID Ranges - use ID or UUID

```
task 1 info
task 1-10 info
task 1,3,5,6-10,13 info
task 1 2 3 info
```

#### Searching for text

```
task desc.contains:foo
task foo
task /foo/
```

#### Operators

|          |                    |
|----------|--------------------|
| and      | conjunction        |
| or       | disjunction        |
| xor      | exclusive or       |
| +        | add                |
| -        | subtract           |
| *        | multiply           |
| /        | divide             |
| %        | modulus            |
| ^        | exponent           |
| ~        | regex match        |
| !~       | regex non-match    |
| <        | less than          |
| <=       | less than or equal |
| ==       | equal              |
| !=       | inequal            |
| >=       | greater or equal   |
| >        | greater than       |
| _has tag | has tag            |
| _notag   | hasn't tag         |
| ( )      | precedence         |

#### Attribute Modifiers

```
task urgency.under:4 list
task proj.endswith:work list
```

```
before (under, below)
after (over, above)
none
any
is (equals)
isn't (not)
has (contains)
hasnt
startswith (left)
endswith (right)
word
noword
```

#### Report Commands

(Run 'task reports')

```
active
all
blocked
blocking
burndown.daily
burndown.monthly
burndown.weekly
completed
ghistory.annual
ghistory.monthly
history.annual
history.monthly
information
list
long
ls
minimal
newest
next
oldest
overdue
projects
ready
recurring
summary
tags
timesheet
unblocked
waiting
```

#### Write Commands

```
add
annotate, denotate
append
config
delete
done
duplicate
edit
import
log
modify
prepend
start, stop
synchronize
undo
```

#### Read Commands

```
<report>
info
count
export
```

#### Misc Read Commands

```
calendar
colors
columns
count
diagnostics
execute
export
help
ids, uuids
logo
report
show
stats
udas
version
```

#### Modifications

##### Set

```
<attribute>:<value>
```

##### Remove

```
<attribute>:
```

##### Substitute

```
/from/to/g
/from/to/
```

##### Add Dependency

```
depends:<id>[,...]
```

##### Remove Dependency

```
depends:~<id>[,...]
```

##### Tag

```
+foo
```

##### Untag

```
-foo
```

#### Date Symbols

```
yesterday
today
now
tomorrow
someday
easter
tuesday
23rd
```

#### Period Symbols

|           |         |
|-----------|---------|
| hourly    | 1hr     |
| daily     | 5days   |
| weekly    | 2wks    |
| monthly   | 3months |
| quarterly | 1q      |
| annual    | 2years  |

#### Document Object Model (DOM)

```
<id|uuid>.<attribute>
rc.<name>
system.<version|os>
```

#### Examples

```
task _get 123.description
task add ... due:123.due
task _get rc.dateFormat
task _get 123.uuid
```

#### Examples

```
Stop parsing: task add - pro:a /from/to/ +foo
Rename proj: task project:OLD modify project:NEW
Correction: task <id> modify /incorrect/correct/g
Hide until: task <id> modify wait:<date>
Expire task: task <id> modify until:<date>
Just data: task rc.verbose=nothing ...
```

```
Filter: task \( pro:Home or pro:Garden \) and +weekend
Filter: task \( pro:Home or pro:Garden \) +weekend
```

#### Abbreviations

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

#### Task Attributes

|         |              |
|---------|--------------|
| ID      | unmodifiable |
| UUID    | unmodifiable |
| urgency | unmodifiable |

```
description
project
priority
tags
status
```

```
depends
recur
```

|           |             |
|-----------|-------------|
| entry     | created     |
| wait      | hide until  |
| scheduled | ready       |
| start     | started     |
| due       | due         |
| end       | done/delete |
| until     |             |
| modified  | last mod    |

UDAs (Try: task uda)

#### Special Tags

```
+next
+nonag
+nocal
+nocolor
```

#### Virtual Tags

```
+DUE
+DUETODAY
+TODAY
+OVERDUE
+WEEK
+MONTH
+YEAR
+BLOCKED
+UNBLOCKED
+BLOCKING
+ACTIVE
+SCHEDULED
+UNTIL
+WAITING
+ANNOTATED
+PARENT
+CHILD
```