



## TASKWARRIOR 2.4.2 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-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 delete
```

### 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>
task rc.debug.parser=<level>
task rc.debug.hooks=<level>
task rc.hooks=0|1 ...
```

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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 description ~ 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
==	exact equal
!=	exact unequal
=	partial equal
!=	partial unequal
>=	greater or equal
>	greater than
_hashtag_	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
nonword
```

### 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

wait

scheduled

start

due

end

until

modified

last mod

UDAs (Try: task uda)

### Special Tags

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

### Virtual Tags

+DUE	+OVERDUE
+DUETODAY	+TODAY
+YESTERDAY	+TOMORROW

+WEEK

+MONTH

+YEAR

+BLOCKED

+BLOCKING

+ACTIVE

+READY

+WAITING

+ANNOTATED

+PARENT

+PENDING

+DELETED

+UNBLOCKED

+SCHEDULED

+UNTIL

+TAGGED

+CHILD

+COMPLETED