



# TASKWARRIOR 2.5.0

## 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-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
_hastag_	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 projec:Home lis  
 task pro:Home li

#### Task Attributes

ID	unmodifiable
UUID	unmodifiable
urgency	unmodifiable

#### description

project  
 priority  
 tags  
 status

#### depends

recur

#### entry

wait	created	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	+OVERDUE
+DUETODAY	+TODAY
+YESTERDAY	+TOMORROW

#### +WEEK

+MONTH

+YEAR

+BLOCKED

+BLOCKING

+ACTIVE

+READY

+WAITING

+ANNOTATED

+PARENT

+PENDING

+DELETED

+UNBLOCKED

+SCHEDULED

+UNTIL

+TAGGED

+CHILD

+COMPLETED