



# TASKWARRIOR 2.4.3 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
scheduled	hide until
start	ready
due	started
end	due
until	done/delete
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	+UNBLOCKED
+BLOCKING	
+ACTIVE	+SCHEDULED
+READY	+UNTIL
+WAITING	
+ANNOTATED	+TAGGED
+PARENT	+CHILD
+PENDING	+COMPLETED
+DELETED	