Taskwarrior – What’s next?
Task management on the commandline

Dirk Deimeke

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Human being, Born 1968 in Wanne-Eickel, Living in Grüt (emigrated to Switzerland 2008), Married, Two dogs, One Horse, Blogger, Podcaster, Author, Speaker, Taskwarrior, Aikidoka, Linux guy, Systems Administrator, Systems Engineer, DevOps Engineer, Technical Architect, Technical Solution Engineer, Open Source Contributor

Entry point for more [http://d5e.org/](http://d5e.org/)
I first saw Taskwarrior at German Ubucon 2009 in a lightning talk of Federico Hernandez, one of the core developers.

Started to use it in the beginning of 2010.

Still enthusiastic about it! ;-) 

In the middle of 2010 I joined the Taskwarrior team.

http://taskwarrior.org/

http://d5e.org/taskwarrior (German) own blog-articles
About this session

- **What is this all about?**
  This is about Taskwarrior, an efficient tool for task management. Techniques for time management are not part of this session. (But we can discuss time management techniques later on).

- **Why are the slides in English?**
  Taskwarrior is an international project.

- **Why do you install Taskwarrior from Source?**
  The version of Taskwarrior included in distributions like Ubuntu tends to be pretty old. Installation from source is not that difficult. I will explain it.

**Attention!**

- This workshop is not a lecture, I want to do this together with you.
- Ask your questions if you have some!
I started out using Gina Trapani’s todo.sh, which was great, but I soon wanted features that would have been difficult to implement in a shell script, so I wrote my own.

It stemmed from the fact that a todo program needs to be simple to use, and unobtrusive, otherwise it’s a hassle. But it can’t be too simple.

If you go to the trouble of capturing this information, it seems wasteful not to leverage it. So it has a lot of features, but tries to remain simple to use.

There are many different methodologies people use for managing their work, and taskwarrior tries to walk a line through the middle of all that, with features for all the different approaches.

Taskwarrior is intended to scale with the user, from very simple straightforward usage up to quite sophisticated task management.
Reasons for Taskwarrior

Taskwarrior

- is easy to learn.
- grows along with the work.
- is unbelievably powerful.
- is very fast.
- is easily extensible.
- is platform independent:
  - Most flavours of Unix and Linux, including Mac OS X
  - Windows with Cygwin
  - via SSH from my mobile
  - [http://taskwarrior.org/download/#dist](http://taskwarrior.org/download/#dist)
- is actively developed.
- can be influenced by users (feature requests).
- has excellent and very friendly support.
- New in 2014: Taskserver
Installation with package management

All download-addresses
http://taskwarrior.org/download

Since Maverick Meerkat in Universe
(Unfortunately version is behind recent)

$ sudo apt-get install task
Installation from source

The Meta-Package build-essential, uuid-dev and cmake are all you need to compile. If you want to interact with the Taskserver, you need libgnutls-dev as well.

```bash
$ sudo apt-get install build-essential cmake uuid-dev # libgnutls-dev
```

Download of recent version

```bash
$ curl --O http://www.taskwarrior.org/download/task-2.3.0.tar.gz
$ # or wget http://www.taskwarrior.org/download/task-2.3.0.tar.gz
$ # or git clone https://git.tasktools.org/scm/tm/task.git task.git
```

Untar and compile

```bash
$ tar xzvf task-2.3.0.tar.gz
$ cd task-2.3.0
$ # or cd task.git
$ cmake .
$ make
$ sudo make install
```

The last command installs Taskwarrior to /usr/local.
Installation dependencies

taskwarrior@ubuntu:/task-2.3.0$ cmake .
-- Looking for SHA1 references
-- Looking for GnuTLS
-- Found GnuTLS: /usr/lib/x86_64-linux-gnu/libgnutls.so
-- Looking for GNU Readline
-- Looking for timegm
-- Looking for timegm - found
-- Looking for get_current_dir_name
-- Looking for get_current_dir_name - found
-- Looking for wordexp
-- Looking for wordexp - found
-- Performing Test HAVE_TM_GMTOFF
-- Performing Test HAVE_TM_GMTOFF - Success
-- Performing Test HAVE_ST_BIRTHTIME
-- Performing Test HAVE_ST_BIRTHTIME - Failed
-- Looking for libuuid
-- Looking for uuid_unparse_lower
-- Looking for uuid_unparse_lower - found
-- Found libuuid
-- Configuring cmake.h
-- Configuring man pages
-- Configuring done
-- Generating done
-- Build files have been written to: /home/taskwarrior/task-2.3.0

```
Installation from source with target directory

If you don’t have root permissions or in case you want to use other directories, this is possible as well. (No speciality of Taskwarrior).

```
$ cmake -DCMAKE_INSTALL_PREFIX=/home/dirk/task-2.3.0.
$ make
$ make install # without "sudo"
```

It makes sense to define the following three variables for the next steps. (The first one is not needed, I use it only for this topic to fit on one slide).

```
$ taskdir=/home/dirk/task_2.3.0
$ export PATH=${taskdir}/bin:${PATH}
$ export LD_LIBRARY_PATH=${taskdir}/lib:${LD_LIBRARY_PATH}
$ export MANPATH=${taskdir}/man:${MANPATH}
```
Test of your installation

```
taskwarrior@ubuntu:~$ task version
A configuration file could not be found in

Would you like a sample /home/taskwarrior/.taskrc created, so taskwarrior can proceed? (yes/no) yes

task 2.3.0 built for linux
Copyright (C) 2006 - 2014 P. Beckingham, F. Hernandez.

Taskwarrior may be copied only under the terms of the MIT license, which may be found in the taskwarrior source kit.

Documentation for taskwarrior can be found using 'man task', 'man taskrc', 'man task-tutorial', 'man task-color', 'man task-sync', 'man task-faq' or at http://taskwarrior.org

taskwarrior@ubuntu:~$  
```
A simple example, part 1

```
taskwarrior@ubuntu:~$ task add Pay rents # Our first task
Created task 1.
taskwarrior@ubuntu:~$ task add Check Taskwarrior # and now the second one
Created task 2.
taskwarrior@ubuntu:~$ task list # lists all open tasks

<table>
<thead>
<tr>
<th>ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pay rents</td>
</tr>
<tr>
<td>2</td>
<td>Check Taskwarrior</td>
</tr>
</tbody>
</table>

2 tasks
```
taskwarrior@ubuntu:~$ task 2 start
Starting task 2 'Check Taskwarrior'.
Started 1 task.
taskwarrior@ubuntu:~$ task list

```
<table>
<thead>
<tr>
<th>ID</th>
<th>Active</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>*</td>
<td>4s</td>
<td>Check Taskwarrior</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>4s</td>
<td>Pay rents</td>
</tr>
</tbody>
</table>

2 tasks
```
taskwarrior@ubuntu:~$
A simple example, part 2

taskwarrior@ubuntu:~$ task 2 stop
Stopping task 2 'Check Taskwarrior'.
Stopped 1 task.
taskwarrior@ubuntu:~$ task 2 done
Completed task 2 'Check Taskwarrior'.
Completed 1 task.
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>38s</td>
<td>Pay rents</td>
</tr>
</tbody>
</table>

1 task

taskwarrior@ubuntu:~$
Commands so far

- **task add**
  Adds a new task to the task list.

- **task list**
  Provides a standard listing of tasks.

- **task start**
  Marks the specified tasks as started.

- **task stop**
  Removes the start time from the specified task.

- **task done**
  Marks the specified task as done.
Nearly all commands work on a bunch of tasks

There is a lot more to explore.

Even the commands from the last section are more mighty than they seem.

- `task add <mods>`
- `task <filter> list`
- `task <filter> start <mods>`
- `task <filter> stop <mods>`
- `task <filter> done <mods>`

To get an overview, take a look at the cheat sheet (pdf, 145kB).
task <filter> command <mods>

- Is the basic usage of all task related write commands.
- Write commands can operate on one task or a group of tasks or even on all tasks.
- Every command maybe abbreviated up to the minimum that is necessary to identify a single command.
- Filters can be anything from nothing to simple IDs further to regular expressions or Boolean constructs.
- Modifications can be either a change of description, a change of dates or anything else that changes a task.
- In our simple example we already used the write commands **add**, **done**, **start** and **stop**.
Scripts

```bash
ls /usr/local/share/doc/task/scripts/*

script/add-ons:
export-csv.pl  export-tsv.pl  export-yad.pl  update-holidays.pl
export-html.pl  export-xml.pl  export-yaml.pl
export-ical.pl  export-xml.py  import-todo.sh.pl
export-sql.py   export-xml.rb  import-yaml.pl

/bash:
task.sh

/fish:
task.fish

/vim:
ftdetect  README  syntax

/zsh:
_task
```
```bash
source /usr/local/share/doc/task/scripts/bash/task.sh
[[ -d ~/.vim ]] || mkdir ~/.vim
cp -r /usr/local/share/doc/task/scripts/vim ~/.vim
echo source /usr/local/share/doc/task/scripts/bash/task.sh >> .bashrc
```
Most important commands

These are the most important commands, just because I use them most ;-)  

- **task <filter> modify**
  The name says it, it modifies tasks according to the filter used.

- **task <filter> edit**
  This starts your favourite editor with the tasks you want to change.
  (Remember the syntax highlighting for vim?)

- **task undo**
  Reverts the most recent change to a task.

- **task help**
  Gives an overview of implemented commands and custom reports.

- **man task** *(taskrc, task-tutorial, task-color, task-faq, task-synch)*
  Show the (almighty) man-page(s). Unlike the man-pages of many other programs they are extremely helpful and full of information and examples. Try them!
Dateformats – from 'man taskrc’

m minimal–digit month, for example 1 or 12  
d minimal–digit day, for example 1 or 30  
y two–digit year, for example 09  
D two–digit day, for example 01 or 30  
M two–digit month, for example 01 or 12  
Y four–digit year, for example 2009
a short name of weekday, for example Mon or Wed
A long name of weekday, for example Monday or Wednesday
b short name of month, for example Jan or Aug
B long name of month, for example January or August
V weeknumber, for example 03 or 37
H two–digit hour, for example 03 or 11
N two–digit minutes, for example 05 or 42
S two–digit seconds, for example 07 or 47

The string may also contain other characters to act as spacers, or formatting. Examples for other values of dateformat:

d/m/Y would use for input and output 24/7/2009
yMD would use for input and output 090724
M–D–Y would use for input and output 07–24–2009

Examples for other values of dateformat.report:

a D b Y (V) would do an output as "Fri 24 Jul 2009 (30)"
A, B D, Y would do an output as "Friday, July 24, 2009"
vV a Y–M–D would do an output as "v30 Fri 2009–07–24"
yMD.HN would do an output as "110124.2342"
m/d/Y H:N would do an output as "1/24/2011 10:42"
a D b Y H:N:S would do and output as "Mon 24 Jan 2011 11:19:42"
Set dateformat

```
taskwarrior@ubuntu:~$ task show dateformat

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>dateformat</td>
<td>Y-M-D</td>
</tr>
<tr>
<td>dateformat.annotation</td>
<td>Y-M-D H:N:S</td>
</tr>
<tr>
<td>dateformat.edit</td>
<td>Y-M-D H:N:S</td>
</tr>
<tr>
<td>dateformat.holiday</td>
<td>YMD</td>
</tr>
<tr>
<td>dateformat.info</td>
<td>Y-M-D H:N:S</td>
</tr>
<tr>
<td>dateformat.report</td>
<td></td>
</tr>
</tbody>
</table>

taskwarrior@ubuntu:~$ task config dateformat YMD
Are you sure you want to add 'dateformat' with a value of 'YMD'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.
taskwarrior@ubuntu:~$ task config dateformat.annotation YMD
Are you sure you want to add 'dateformat.annotation' with a value of 'YMD'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.
taskwarrior@ubuntu:~$ task config dateformat.report YMD
Are you sure you want to add 'dateformat.report' with a value of 'YMD'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.
taskwarrior@ubuntu:~$ # my dateformat is YMD-HN
taskwarrior@ubuntu:~$ 
```
Dateformat in configuration

```bash
taskwarrior@ubuntu:~$ task show dateformat

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>dateformat</td>
<td>YMD</td>
</tr>
<tr>
<td>dateformat.annotation</td>
<td>YMD</td>
</tr>
<tr>
<td>dateformat.edit</td>
<td>Y-M-D H:N:S</td>
</tr>
<tr>
<td>dateformat.holiday</td>
<td>YMD</td>
</tr>
<tr>
<td>dateformat.info</td>
<td>Y-M-D H:N:S</td>
</tr>
<tr>
<td>dateformat.report</td>
<td>YMD</td>
</tr>
</tbody>
</table>

Some of your .taskrc variables differ from the default values. These are highlighted in color above.

taskwarrior@ubuntu:~$ grep dateformat .taskrc
dateformat=YMD
dateformat.annotation=YMD
dateformat.report=YMD
taskwarrior@ubuntu:~$ ```
Set weekstart

```
$ task show weekstart

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>weekstart</td>
<td>sunday</td>
</tr>
</tbody>
</table>
```

```
$ task config weekstart monday
Are you sure you want to add 'weekstart' with a value of 'monday'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.
$ task show | wc -l
# nearly everything can be customized
```

```
$ # try it yourself without ' | wc -l'
```

```
Special dates (1)

- Relative wording
  task ... due:today
  task ... due:yesterday
  task ... due:tomorrow

- Day number with ordinal
  task ... due:23rd
  task ... due:3wks
  task ... due:1day
  task ... due:9hrs

- At some point or later
  task ... wait:later task ... wait:someday This sets the wait date to 1/18/2038.
Special dates (2)

- Start / end of (work) week, calendar week (according to settings of weekstart), month, quarter and year
  - task ... due:sow
  - task ... due:eow
  - task ... due:soww
  - task ... due:eoww
  - task ... due:socw
  - task ... due:eocw
  - task ... due:som
  - task ... due:eom
  - task ... due:soq
  - task ... due:eoq
  - task ... due:soy
  - task ... due:eoy

- Next occurring weekday
  - task ... due:fri
Due and wait

```bash
taskwarrior@ubuntu:~$ task add due:20141231 "Celebrate Sylvester"
Created task 2.
taskwarrior@ubuntu:~$ task add due:Sunday "Drive home"
Created task 3.
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20140511</td>
<td>2s</td>
<td>Drive home</td>
</tr>
<tr>
<td>2</td>
<td>20141231</td>
<td></td>
<td>Celebrate Sylvester</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>21m</td>
<td>Pay rents</td>
</tr>
</tbody>
</table>

3 tasks
```

```
taskwarrior@ubuntu:~$ task 2 modify wait:20141201
Modifying task 2 'Celebrate Sylvester'.
Modified 1 task.
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20140511</td>
<td>2s</td>
<td>Drive home</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>21m</td>
<td>Pay rents</td>
</tr>
</tbody>
</table>

2 tasks
```

```bash
taskwarrior@ubuntu:~$ ```
Recurrence

```
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Recurrence

```

```
taskwarrior@ubuntu:~$ task waiting

ID  Wait    Age   Description
2   20141201  1m   Celebrate Sylvester

1 task

```

```
taskwarrior@ubuntu:~$ task 1 modify due:eom recur:monthly
Modifying task 1 'Pay rents'.
Modified 1 task.
taskwarrior@ubuntu:~$ task list

ID  Due     Age   Description
3   20140511  1m   Drive home
4   20140531  1m   Pay rents

2 tasks

```

```
taskwarrior@ubuntu:~$ task recurring

ID  Due     Recur   Description
4   20140531  4wk   Pay rents

1 task

```

```
taskwarrior@ubuntu:~$ # task id changed from 1 (task modify) to 4

```

```
taskwarrior@ubuntu:~$ # try task 1 edit

```

```
taskwarrior@ubuntu:~$ 
```
Recurrence modifiers (1)

- **hourly**
  Every hour.

- **daily, day, 1da, 2da, ...**
  Every day or a number of days.

- **weekdays**
  Mondays, Tuesdays, Wednesdays, Thursdays, Fridays and skipping weekend days.

- **weekly, 1wk, 2wks, ...**
  Every week or a number of weeks.

- **biweekly, fortnight**
  Every two weeks.

- **monthly**
  Every month.

- **quarterly, 1qtr, 2qtrs, ...**
  Every three months, a quarter, or a number of quarters.
Recurrence modifiers (2)

- **semiannual**
  Every six months.

- **annual, yearly, 1yr, 2yrs, ...**
  Every year or a number of years.

- **biannual, biyearly, 2yr**
  Every two years.
Until and entry

```
taskwarrior@ubuntu:~$ task add due:eom recur:monthly until:20141231 "Pay installment for credit"
Created task 5.
taskwarrior@ubuntu:~$ task add "Prepare slides for workshop"
Created task 6.
taskwarrior@ubuntu:~$ task 6 modify entry:yesterday
Modifying task 6 'Prepare slides for workshop'.
Modified 1 task.
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20140511</td>
<td>2m</td>
<td>Drive home</td>
</tr>
<tr>
<td>4</td>
<td>20140531</td>
<td>1m</td>
<td>Pay rents</td>
</tr>
<tr>
<td>7</td>
<td>20140531</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>1d</td>
<td>Prepare slides for workshop</td>
</tr>
</tbody>
</table>

4 tasks
```
Starting and stopping

```bash
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20140511</td>
<td>5m</td>
<td>Drive home</td>
</tr>
<tr>
<td>4</td>
<td>20140531</td>
<td>4m</td>
<td>Pay rents</td>
</tr>
<tr>
<td>7</td>
<td>20140531</td>
<td>2m</td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>1d</td>
<td>Prepare slides for workshop</td>
</tr>
</tbody>
</table>

4 tasks
```

```bash
taskwarrior@ubuntu:~$ task 6 start
Starting task 6 'Prepare slides for workshop'.
Started 1 task.
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Due</th>
<th>Active</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20140511</td>
<td>5m</td>
<td></td>
<td>Drive home</td>
</tr>
<tr>
<td>4</td>
<td>20140531</td>
<td>4m</td>
<td></td>
<td>Pay rents</td>
</tr>
<tr>
<td>7</td>
<td>20140531</td>
<td>3m</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>* 1d</td>
<td></td>
<td>Prepare slides for workshop</td>
</tr>
</tbody>
</table>

4 tasks
```

```bash
taskwarrior@ubuntu:~$ task 6 stop
Stopping task 6 'Prepare slides for workshop'.
Stopped 1 task.
taskwarrior@ubuntu:~$  
```
Attention!

Holiday has nothing in common with the German words “Ferien“ or “Urlaub“ (this would be vacation). (Public) Holiday means “Feiertag“.

You can add holidays by either adding them via “task config“ on the commandline or by adding them directly to the ~/.taskrc-File or by including an external holiday definition.

On holidata.net you find a growing list of holiday dates, licensed CC-BY and offered by volunteers. Service was introduced by the Taskwarrior team, who is responsible for hosting and conversion to different formats.
Add holiday

taskwarrior@ubuntu:~$ task config holiday.swissnationalday.name Swiss National Day
Are you sure you want to add 'holiday.swissnationalday.name' with a value of 'Swiss National Day'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.
taskwarrior@ubuntu:~$ task config holiday.swissnationalday.date 20140801
Are you sure you want to add 'holiday.swissnationalday.date' with a value of '20140801'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.
taskwarrior@ubuntu:~$ task cal 07 2014

Legend: today, due, due-today, overdue, weekend, holiday, weeknumber.

taskwarrior@ubuntu:~$ # Holiday is not highlighted by default

Calendar config with holiday

```
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Calendar config with holiday

```

```
(taskwarrior@ubuntu:~)$ task show calendar

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>calendar.details</td>
<td>sparse</td>
</tr>
<tr>
<td>calendar.details.report</td>
<td>list</td>
</tr>
<tr>
<td>calendar.holidays</td>
<td>none</td>
</tr>
<tr>
<td>calendar.legend</td>
<td>yes</td>
</tr>
<tr>
<td>calendar.offset</td>
<td>no</td>
</tr>
<tr>
<td>calendar.offset.value</td>
<td>-1</td>
</tr>
<tr>
<td>color.calendar.due</td>
<td>color0 on color1</td>
</tr>
<tr>
<td>color.calendar.due.today</td>
<td>color15 on color1</td>
</tr>
<tr>
<td>color.calendar.holiday</td>
<td>color0 on color11</td>
</tr>
<tr>
<td>color.calendar.overdue</td>
<td>color0 on color9</td>
</tr>
<tr>
<td>color.calendar.today</td>
<td>color15 on rgb013</td>
</tr>
<tr>
<td>color.calendar.weekend</td>
<td>color235</td>
</tr>
<tr>
<td>color.calendar.weeknumber</td>
<td>rgb013</td>
</tr>
</tbody>
</table>

(taskwarrior@ubuntu:~)$ task config calendar.holidays full
Are you sure you want to add 'calendar.holidays' with a value of 'full'? (yes/no) yes
Config file /home/taskwarrior/./taskrc modified.
```

(taskwarrior@ubuntu:~)$
### Calendar with holiday

```
$ task cal 07 2014
```

![Calendar with holiday](image)

<table>
<thead>
<tr>
<th>Date</th>
<th>Holiday</th>
</tr>
</thead>
<tbody>
<tr>
<td>20140801</td>
<td>Swiss National Day</td>
</tr>
</tbody>
</table>

Legend: **today**, **due**, **due-today**, **overdue**, **weekend**, **holiday**, **weeknumber**.
Calendar with due tasks

```bash
taskwarrior@ubuntu:~$ echo calendar.holidays=sparse >> .taskrc
taskwarrior@ubuntu:~$ echo calendar.details=full >> .taskrc
taskwarrior@ubuntu:~$ task cal

May 2014

Mo  Tu  We  Th  Fr  Sa  Su
18  19  20  21  22  23  24
25  26  27  28  29  30  31

June 2014

Mo  Tu  We  Th  Fr  Sa  Su
22  23  24  25  26  27  28
29  30  01  02  03  04  05

July 2014

Mo  Tu  We  Th  Fr  Sa  Su
27  28  29  30  31  01  02
03  04  05  06  07  08  09

Legend: today, due, due-today, overdue, weekend, holiday, weeknumber.

<table>
<thead>
<tr>
<th>ID</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20140511</td>
<td>19m</td>
<td>Drive home</td>
</tr>
<tr>
<td>4</td>
<td>20140531</td>
<td>18m</td>
<td>Pay rents</td>
</tr>
<tr>
<td>7</td>
<td>20140531</td>
<td>16m</td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks

```
taskwarrior@ubuntu:~$ task add Drive to Bern
Created task 8.
taskwarrior@ubuntu:~$ task 6 done
Completed task 6 'Prepare slides for workshop'.
Completed 1 task.
taskwarrior@ubuntu:~$ task 8 start
Starting task 8 'Drive to Bern'.
Started 1 task.
taskwarrior@ubuntu:~$ task timesheet

20140428 - 20140504

Completed (2 tasks)

<table>
<thead>
<tr>
<th>Project</th>
<th>Due</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Prepare slides for workshop</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check Taskwarrior</td>
</tr>
</tbody>
</table>

Started (1 tasks)

<table>
<thead>
<tr>
<th>Project</th>
<th>Due</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Drive to Bern</td>
</tr>
</tbody>
</table>

taskwarrior@ubuntu:~$
Project and subproject

```
taskwarrior@ubuntu:~$ task 3 modify pro:ubucon
Modifying task 3 'Drive home'.
Modified 1 task.
The project 'ubucon' has changed. Project 'ubucon' is 0% complete (1 of 1 tasks remaining).
taskwarrior@ubuntu:~$ task 7 modify pro:ubucon.workshop
Modifying task 7 'Drive to Bern'.
Modified 1 task.
The project 'ubucon.workshop' has changed. Project 'ubucon.workshop' is 0% complete (1 of 1 tasks remaining).
taskwarrior@ubuntu:~$ task 4 modify pro:private
Modifying task 4 'Pay rents'.
Modified 1 task.
The project 'private' has changed. Project 'private' is 0% complete (1 of 1 tasks remaining).
taskwarrior@ubuntu:~$ task list

ID Proj Due Active Age Description
--- ---- ------- --- ------------------
 3 ubucon 20140511 2h  Drive home
 6          20140531 2h  Pay installment for credit
 4 private  20140531 2h  Pay rents
7 ubucon.workshop * 2h  Drive to Bern

4 tasks
```
Projects

```
$ task projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Tasks</th>
<th>Pri:None</th>
<th>Pri:L</th>
<th>Pri:M</th>
<th>Pri:H</th>
</tr>
</thead>
<tbody>
<tr>
<td>(none)</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>private</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ubucon</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

  workshop

3 projects (7 tasks)

$ task pro:ubucon ls

ID Proj      Description
  3 ubucon   Drive home

  7 ubucon.workshop Drive to Bern

2 tasks

$ task 7 done
Completed task 7 'Drive to Bern'.
Completed 1 task.

The project 'ubucon.workshop' has changed. Project 'ubucon.workshop' is 100% complete (0 of 1 tasks remaining).
```

$
Taskwarrior@ubuntu:~$ task 3 modify +bern
Modifying task 3 'Drive home'.
Modified 1 task.
Project 'ubucon' is 0% complete (1 of 1 tasks remaining).

Taskwarrior@ubuntu:~$ task 4 modify +banking
Modifying task 4 'Pay rents'.
Modified 1 task.
Project 'private' is 0% complete (1 of 1 tasks remaining).

Taskwarrior@ubuntu:~$ task +bern list

ID Proj Due Age Description
3 ubucon 20140511 2h Drive home

1 task

Taskwarrior@ubuntu:~$
## Priorities

```
$ task long

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Added</th>
<th>Due</th>
<th>Recur</th>
<th>Countdown</th>
<th>Age</th>
<th>Tags</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td>20140504</td>
<td>20140511</td>
<td></td>
<td></td>
<td>2h</td>
<td>bern</td>
<td>Drive home</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>20140504</td>
<td>20140531</td>
<td>4wk</td>
<td>-3 wks</td>
<td>2h</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>20140504</td>
<td>20140531</td>
<td>4wk</td>
<td>-3 wks</td>
<td>2h</td>
<td>banking</td>
<td>Pay rents</td>
</tr>
</tbody>
</table>

3 tasks
```

```
$ task 4 modify pri:H # can be either (H)igh, (M)edium or (L)ow
Modifying task 4 'Pay rents'.
Modified 1 task.
Project 'private' is 0% complete (1 of 1 tasks remaining).
```

```
$ task long

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Pri</th>
<th>Added</th>
<th>Due</th>
<th>Recur</th>
<th>Countdown</th>
<th>Age</th>
<th>Tags</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td></td>
<td>20140504</td>
<td>20140511</td>
<td></td>
<td></td>
<td>2h</td>
<td>bern</td>
<td>Drive home</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>H</td>
<td>20140504</td>
<td>20140531</td>
<td>4wk</td>
<td>-3 wks</td>
<td>2h</td>
<td>banking</td>
<td>Pay rents</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140504</td>
<td>20140531</td>
<td>4wk</td>
<td>-3 wks</td>
<td>2h</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks
```
<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Pri</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td></td>
<td>20140511</td>
<td>2h</td>
<td>Drive home</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20140504 Do not forget your head</td>
</tr>
<tr>
<td>4</td>
<td>private H</td>
<td>H</td>
<td>20140531</td>
<td>2h</td>
<td>Pay rents</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20140504 Use wifes account</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>2h</td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks

```
taskwarrior@ubuntu:~$ task 4 denotate "Use wifes account"
Found annotation 'Use wifes account' and deleted it.
Denoted 1 task.
Project 'private' is 0% complete (1 of 1 tasks remaining).
taskwarrior@ubuntu:~$
```
Dependency, part 1

taskwarrior@ubuntu:~$ task add "Send letter to Fritz"
Created task 7.
taskwarrior@ubuntu:~$ task add "Write letter"
Created task 8.
taskwarrior@ubuntu:~$ task 7 modify depends:8
Modifying task 7 'Send letter to Fritz'.
Modified 1 task.
taskwarrior@ubuntu:~$ task blocked

ID  Deps  Age  Description
---  ----  ---  ------------------
 7   8        27s  Send letter to Fritz

1 task

taskwarrior@ubuntu:~$ task unblocked

ID  Proj  Pri  Due      Age       Description
---  ----  ---  -------  --------  ------------------
 3   ubucon  2h  20140511  2h  Drive home

20140504  Do not forget your head

4  private H  2h  20140531  2h  Pay rents

6  20140531  2h  Pay installment for credit

8        29s  Write letter

4 tasks

taskwarrior@ubuntu:~$
Dependency, part 2

taskwarrior@ubuntu:~$ task 7 done
Completed task 7 'Send letter to Fritz'.
Task 7 is blocked by:
  8 Write letter
Completed 1 task.
You have more urgent tasks.
taskwarrior@ubuntu:~$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Pri</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td></td>
<td>20140511</td>
<td>2h</td>
<td>Drive home</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20140504 Do not forget your head</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>H</td>
<td>20140531</td>
<td>2h</td>
<td>Pay rents</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>2h</td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Write letter</td>
</tr>
</tbody>
</table>

4 tasks
Taskwarrior – What’s next?

May, 10th 2014

Dirk Deimeke (Ubucon 2014)

Undo

```bash
$ task undo
```

The last modification was made 5/4/2014

<table>
<thead>
<tr>
<th>Prior Values</th>
<th>Current Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>depends 01669f23-69a6-4cc2-a0a7-d3a2fa284080</td>
<td>01669f23-69a6-4cc2-a0a7-d3a2fa284080</td>
</tr>
<tr>
<td>a284080</td>
<td></td>
</tr>
<tr>
<td>description Send letter to Fritz</td>
<td>Send letter to Fritz</td>
</tr>
<tr>
<td>entry 20140504</td>
<td>20140504</td>
</tr>
<tr>
<td>modified 20140504</td>
<td></td>
</tr>
<tr>
<td>status pending</td>
<td>completed</td>
</tr>
<tr>
<td>uuid fa948452-5d9b-4503-9277-dfff6f0d94fd</td>
<td>fa948452-5d9b-4503-9277-dfff6f0d94fd</td>
</tr>
<tr>
<td>end</td>
<td></td>
</tr>
</tbody>
</table>

The undo command is not reversible. Are you sure you want to revert to the previous state? (yes/no) yes

Modified task reverted.

Undo complete.

```
$ ```

Dependency, part 3

```
taskwarrior@ubuntu:~$ task 7,8 done
Completed task 7 'Write letter'.
Unblocked 8 'Send letter to Fritz'.
Completed task 8 'Send letter to Fritz'.
Completed 2 tasks.
You have more urgent tasks.
taskwarrior@ubuntu:~$
```
Predefined reports (from task reports), part 1

These reports were already used.

- **blocked** Lists all blocked tasks matching the specified criteria
- **list** Lists all tasks matching the specified criteria
- **long** Lists all task, all data, matching the specified criteria
- **projects** Shows a list of all project names used, and how many tasks are in each
- **recurring** Lists recurring tasks matching the specified criteria
- **unblocked** Lists all unblocked tasks matching the specified criteria
- **waiting** Lists all waiting tasks matching the specified criteria
Predefined reports (from task reports), part 2

New ones:

- **active** Lists active tasks matching the specified criteria
- **all** Lists all tasks matching the specified criteria, including parents of recurring tasks
- **burndown.daily** Shows a graphical burndown chart, by day
- **burndown.monthly** Shows a graphical burndown chart, by month
- **burndown.weekly** Shows a graphical burndown chart, by week
- **completed** Lists completed tasks matching the specified criteria
- **ghistory.annual** Shows a graphical report of task history, by year
- **ghistory.monthly** Shows a graphical report of task history, by month
- **history.annual** Shows a report of task history, by year
- **history.monthly** Shows a report of task history, by month
- **information** Shows all data and metadata for specified tasks
- **ls** Minimal listing of all tasks matching the specified criteria
- **minimal** A really minimal listing
Predefined reports (from task reports), part 3

And more:

- **newest** Shows the newest tasks
- **next** Lists the most urgent tasks
- **oldest** Shows the oldest tasks
- **overdue** Lists overdue tasks matching the specified criteria
- **summary** Shows a report of task status by burndown-dailyoject
- **tags** Shows a list of all tags used

26 reports in total
burndown.daily

Daily Burndown ()

Add rate: 1.8/d
Done/Delete rate: 0.8/d
Estimated completion: No convergence
Taskwarrior – What’s next?

May, 10th 2014

```
ghistory, history
```

```
taskwarrior@ubuntu:~$ task ghistory.annual
Year  Number  Added/Completed/Deleted
2014  11       11/5

Legend: Added, Completed, Deleted

taskwarrior@ubuntu:~$ task ghistory.monthly
Year  Month  Number  Added/Completed/Deleted
2014  May   11       11/5

Legend: Added, Completed, Deleted

taskwarrior@ubuntu:~$ task history.monthly
Year  Month  Added  Completed  Deleted  Net
2014  May   11      5         0        6

Average  11      5         0        6
```
ls, minimal, summary

```
taskwarrior@ubuntu:~$ task ls

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Pri</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>private</td>
<td>H</td>
<td>Pay rents</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>3</td>
<td>ubucon</td>
<td></td>
<td>Drive home</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>20140504 Do not forget your head</td>
</tr>
</tbody>
</table>

3 tasks
```

```
taskwarrior@ubuntu:~$ task minimal

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>Pay rents</td>
</tr>
<tr>
<td>3</td>
<td>ubucon</td>
<td>Drive home</td>
</tr>
</tbody>
</table>

3 tasks
```

```
taskwarrior@ubuntu:~$ task summary

<table>
<thead>
<tr>
<th>Project</th>
<th>Remaining</th>
<th>Avg age</th>
<th>Complete</th>
<th>0%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(none)</td>
<td>2</td>
<td>5 hrs</td>
<td>66%</td>
<td></td>
</tr>
<tr>
<td>private</td>
<td>1</td>
<td>2 hrs</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>ubucon</td>
<td>1</td>
<td>2 hrs</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

3 projects
```

```
taskwarrior@ubuntu:~$
```
### Report definitions

```
$ task show report.minimal

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>report.minimal.columns</td>
<td>id,project,description.truncated</td>
</tr>
<tr>
<td>report.minimal.description</td>
<td>Minimal listing of all pending tasks</td>
</tr>
<tr>
<td>report.minimal.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.minimal.labels</td>
<td>ID,Proj,Description</td>
</tr>
<tr>
<td>report.minimal.sort</td>
<td>project+,description+</td>
</tr>
</tbody>
</table>

$ task show report.list

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>report.list.columns</td>
<td>id,project,priority,due,start.active,entry.age,description</td>
</tr>
<tr>
<td>report.list.description</td>
<td>Lists all pending tasks</td>
</tr>
<tr>
<td>report.list.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.list.labels</td>
<td>ID,Proj,Pri,Due,Active,Age,Description</td>
</tr>
<tr>
<td>report.list.sort</td>
<td>due+,priority-,start-,project+</td>
</tr>
</tbody>
</table>
```

# try 'task show report' to see all definitions
Dirks task list

```bash
taskwarrior@ubuntu:~$ echo "
> report.ll.description=Dirks task list
> report.ll.columns=id,project,priority,due,due.countdown,tags,description
> report.ll.labels=ID,Project,Pri,Due,Countdown,Tags,Description
> report.ll.sort=due+,priority-,project+,description+
> report.ll.filter=status:pending
> " >> ~/.taskrc

> taskwarrior@ubuntu:~$ task ll

<table>
<thead>
<tr>
<th>ID</th>
<th>Project</th>
<th>Pri</th>
<th>Due</th>
<th>Countdown</th>
<th>Tags</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td>20140511</td>
<td>-6 days</td>
<td></td>
<td>bern</td>
<td>Drive home 20140504 Do not forget your head</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>H</td>
<td>20140531</td>
<td>-3 wks</td>
<td>banking</td>
<td>Pay rents</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>-3 wks</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks
```
Set default command

taskwarrior@ubuntu:~$ task show default

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>default.command</td>
<td>next</td>
</tr>
<tr>
<td>default.due</td>
<td></td>
</tr>
<tr>
<td>default.priority</td>
<td></td>
</tr>
<tr>
<td>default.project</td>
<td></td>
</tr>
<tr>
<td>default.theight</td>
<td>24</td>
</tr>
<tr>
<td>default.width</td>
<td>80</td>
</tr>
</tbody>
</table>

(taskwarrior@ubuntu:~$ task config default.command li)
Are you sure you want to add 'default.command' with a value of 'li'? (yes/no) yes
Config file /home/taskwarrior/.taskrc modified.

(taskwarrior@ubuntu:~$ task)

<table>
<thead>
<tr>
<th>ID</th>
<th>Project</th>
<th>Pri</th>
<th>Due</th>
<th>Countdown</th>
<th>Tags</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td>2</td>
<td>20140511</td>
<td>-6 days</td>
<td>bern</td>
<td>Drive home</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>H</td>
<td>20140531</td>
<td>-3 wks</td>
<td>banking</td>
<td>Pay rents</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>-3 wks</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks

(taskwarrior@ubuntu:~$)
Filtering in general

You can filter for any modifier. If you don’t use a modifier description is searched for the term, which may be a regular expression, on the command line. Filters may be combined.

The following attribute modifiers maybe applied as well. Names in brackets can be used alternatively.

So a filter can look like “attribute.modifier:value“.

- before, after
- none, any
- is (equals), isnt (not)
- has (contains), hasnt
- startswith (left), endswith (right)
- word, noword
Searches

```
taskwarrior@ubuntu:~$ task
[task 11]

<table>
<thead>
<tr>
<th>ID</th>
<th>Project</th>
<th>Pri</th>
<th>Due</th>
<th>Countdown</th>
<th>Tags</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td></td>
<td>20140511</td>
<td>-6 days</td>
<td>bern</td>
<td>Drive home 20140504 Do not forget your head</td>
</tr>
<tr>
<td>4</td>
<td>private</td>
<td>H</td>
<td>20140531</td>
<td>-3 wks</td>
<td>banking</td>
<td>Pay rents</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>-3 wks</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks

```
taskwarrior@ubuntu:~$ task pay
[task 11 pay]
No matches.
```
taskwarrior@ubuntu:~$ task /[Pp]ay/  
[task 11 /[Pp]ay/]

<table>
<thead>
<tr>
<th>ID</th>
<th>Project</th>
<th>Pri</th>
<th>Due</th>
<th>Countdown</th>
<th>Tags</th>
<th>Description</th>
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<tbody>
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<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>-3 wks</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

2 tasks
```
taskwarrior@ubuntu:~$  
```
### Attribute modifiers

```bash
$ task due.before:20140531
[task 1l due.before:20140531]

<table>
<thead>
<tr>
<th>ID</th>
<th>Project</th>
<th>Due</th>
<th>Countdown</th>
<th>Tags</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>-6 days</td>
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<td>Drive home</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20140504 Do not forget your head</td>
</tr>
</tbody>
</table>

1 task

$ task project.not:ubucon
[task 1l project.not:ubucon]

<table>
<thead>
<tr>
<th>ID</th>
<th>Project</th>
<th>Pri</th>
<th>Due</th>
<th>Countdown</th>
<th>Tags</th>
<th>Description</th>
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<tr>
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<tr>
<td>6</td>
<td></td>
<td></td>
<td>20140531</td>
<td>-3 wks</td>
<td></td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

2 tasks

$  
```
Combining

```
taskwarrior@ubuntu:~$ task project:ubucon +banking
[task 11 project:ubucon +banking]
No matches.
taskwarrior@ubuntu:~$ task status:completed project:ubucon
[task 11 status:completed project:ubucon]
No matches.
taskwarrior@ubuntu:~$ task status:completed project:ubucon completed

Complete  Proj      Age  Description          UUID
20140504  ubucon.workshop  2h  Drive to Bern

1 task
```

```
taskwarrior@ubuntu:~$ task show report.ll.filter

Config Variable  Value
report.ll.filter  status:pending

Some of your .taskrc variables differ from the default values. These are highlighted in color above.
```

```
taskwarrior@ubuntu:~$ 
```
Or ...

```
$ task list

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Pri</th>
<th>Due</th>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ubucon</td>
<td></td>
<td>20140511</td>
<td>3h</td>
<td>Drive home</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20140504 Do not forget your head</td>
</tr>
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<td></td>
<td></td>
<td>20140531</td>
<td>3h</td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

3 tasks
```

```
$ task \(\text{\{ pro:ubucon or pro:private \}}\) list

<table>
<thead>
<tr>
<th>ID</th>
<th>Proj</th>
<th>Pri</th>
<th>Due</th>
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<td></td>
<td></td>
<td>20140531</td>
<td>3h</td>
<td>Pay installment for credit</td>
</tr>
</tbody>
</table>

2 tasks
```

```
$ # Brackets must be escaped for the shell
```

```
$ 
```
## Search configuration

```
$ task show search

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>search.case.sensitive</td>
<td>yes</td>
</tr>
</tbody>
</table>

$ task show regex

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>regex</td>
<td>no</td>
</tr>
</tbody>
</table>
```
Filter in reports

```
$ task show filter
```

<table>
<thead>
<tr>
<th>Config Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>report.active.filter</td>
<td>status:pending +ACTIVE</td>
</tr>
<tr>
<td>report.all.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.blocked.filter</td>
<td>status:pending +BLOCKED</td>
</tr>
<tr>
<td>report.blocking.filter</td>
<td>status:pending +BLOCKING</td>
</tr>
<tr>
<td>report.completed.filter</td>
<td>status:completed</td>
</tr>
<tr>
<td>report.list.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.ll.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.long.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.ls.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.minimal.filter</td>
<td>status:pending</td>
</tr>
<tr>
<td>report.newest.filter</td>
<td>status:pending limit:10</td>
</tr>
<tr>
<td>report.next.filter</td>
<td>status:pending limit:page</td>
</tr>
<tr>
<td>report.oldest.filter</td>
<td>status:pending limit:10</td>
</tr>
<tr>
<td>report.overdue.filter</td>
<td>status:pending +OVERDUE</td>
</tr>
<tr>
<td>report.ready.filter</td>
<td>status:pending limit:page -WAITING '(scheduled.none: or scheduled.before:now )'</td>
</tr>
<tr>
<td>report.recurring.filter</td>
<td>status:pending +CHILD</td>
</tr>
<tr>
<td>report.unblocked.filter</td>
<td>status:pending -BLOCKED</td>
</tr>
<tr>
<td>report.waiting.filter</td>
<td>status:waiting +WAITING</td>
</tr>
</tbody>
</table>

Some of your .taskrc variables differ from the default values. These are highlighted in color above.
This is by far not all

- **task log**
  for logging a task after it is already done.

- **task diag**
  to help support for diagnostic purpose.

- **task shell**
  a simple shell to get rid of the necessity to type “task“ all the time.

- ... and many more!
Questions?
Support

answers.tasktools.org

support@taskwarrior.org

#taskwarrior on freenode.net

@taskwarrior on Twitter or identi.ca
News

Taskserver Documentation Update 2014-04-12
The Taskserver setup documentation has been significantly improved. The main setup page is:

Setting up your own Taskserver
The sub pages now cover single topics: ...

Q & A Site Launched 2014-04-07
The new Q & A site is live! Take a look at the site, which can be found here:
https://answers.tasktools.org

There is a searchable knowledge base of community-provided questions and answers. The answers are voted and selected, good answers become more prominent, bad answers sink lower. You know how it works: ...

VIT 1.2 is released 2014-04-06
Version 1.2 of the VIT front-end for Taskwarrior is available for download now. Download here:
vit-1.2.tar.gz

See the VIT 1.2 beta1 announcement for the features introduced in 1.2: ...

System Status Pages 2014-03-09
New system status pages are online, which provide up to the minute status for the various services now online. The first is a Pingdom public report showing system status of the bug system, git hosting, web services and others. Check this page for outages.
The second is an operations information page from StatusPage.io which shows status, uptime, response time and incidents: ...

Atlassian Licences 2014-03-03
We have received the very generous donation of software licences from Atlassian. This allows us to fully utilize Jira, Stash and Confluence Questions giving us high quality, integrated infrastructure, which in ...

More news...
What do you want to know?

Questions

1. **How do recurring tasks work?**
   - 1 answer
   - dairkline • about 10 hours ago

2. **Delete a recurring task template**
   - 2 answers
   - dairkline • Apr 08, 2014

0. **Sync not working!**
   - 0 answers
   - Paul Bockingham • about 10 hours ago

1. **How to set ‘wait’ until one day before ‘due’?**
   - 1 answer
   - Artur Shamilin • Apr 19, 2014

2. **How can I assign a task to a project while creating the task?**
   - 1 answer
   - Jeremiah Marks • Apr 15, 2014

0. **How do I remove duplicate UUIDs?**
   - 0 answers
   - Paul Bockingham • Apr 18, 2014

Top Expert

- **Paul Bockingham** 190 points

Other Experts

- **Renato Alves** 105 points
- **Dirk Deimeke** 80 points
- **dairkline** 50 points
- **Benjamin Weber** 30 points
### Overview

<table>
<thead>
<tr>
<th>Name</th>
<th>Apr 22</th>
<th>Apr 23</th>
<th>Apr 24</th>
<th>Apr 25</th>
<th>Apr 26</th>
<th>Apr 27</th>
<th>Apr 28</th>
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</thead>
<tbody>
<tr>
<td><a href="http://tasktools.org">http://tasktools.org</a></td>
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<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>🔴</td>
</tr>
<tr>
<td><a href="http://taskwarrior.org">http://taskwarrior.org</a></td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<td>✔️</td>
</tr>
<tr>
<td><a href="https://torp.tasktools.org">https://torp.tasktools.org</a></td>
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<td>✔️</td>
<td>✔️</td>
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<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>
statuspage.tasktools.org – more status

All Systems Operational

Refreshed less than one minute ago

About This Site

Welcome to Tasktools' statuspage.

- taskwarrior.org
- tasktools.org
- bug.tasktools.org
- answers.tasktools.org
- git.tasktools.org

Operational
### Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extensions</td>
<td>EX</td>
<td>Third party extensions to taskwarrior that we provide git repository hosting for.</td>
</tr>
<tr>
<td>Sites</td>
<td>ST</td>
<td>The source of our different projects' homepages.</td>
</tr>
<tr>
<td>Task Management</td>
<td>TM</td>
<td>Our two main projects, taskwarrior aka task and task sync server aka taskd.</td>
</tr>
<tr>
<td>Testing</td>
<td>TS</td>
<td>Our own C.I. (continuous integration) system FLOOD.</td>
</tr>
<tr>
<td>Utilities</td>
<td>UT</td>
<td>Our own small utility applications and libraries.</td>
</tr>
</tbody>
</table>

**Getting started**

All the information you need to get started in Stash.

**Branching and forking**

Learn about Git workflows for Enterprise teams.

**API**

Customise Stash via the API and plugin framework.
What is tasktools.org?

This is a toolshed, or workshop, for our software development. This is the infrastructure that supports the worldwide distributed development team that brings you Taskwarrior.

Tasktools gives you access to:

- Project status - below
- Jira - issue tracking
- Stash - repository management and browsing
- Tinderbox - Floc-based CI testing
- Piwik - traffic analysis

Taskwarrior

2.3.0 Released task-2.3.0.tar.gz
2.3.1 Testing
2.4.0 Development

git clone https://git.tasktools.org/scm/tm/taskwarrior

Taskwarrior is a command-line todo list manager. It maintains a task list, allowing you to add/remove, and otherwise manipulate your tasks. Task has a rich set of subcommands that allow you to do sophisticated things. You'll find it has customizable reports, charts, GTD features, device syncing, documentation, extensions, themes, holiday files and much more.

Taskserv

1.0.0 Released taskd-1.0.0.tar.gz
1.1.0 Development

git clone https://git.tasktools.org/scm/tm/taskserv

The Taskserv is a lightweight, secure server providing multi-user, multi-client access to task data. This allows true syncing between desktop and mobile clients.

VIT

1.2 Released vit-1.2.tar.gz

git clone https://git.tasktools.org/scm/ex/vit

VIT is a lightweight, fast, curses-based front end to Taskwarrior.
Multi-Platform Grid Testing

We use flod for continuous integration testing of all our software.

<table>
<thead>
<tr>
<th>Package</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>taskwarrior</td>
<td>master, 2.1.2, 2.2.0, 2.3.0, 2.3.1, 2.4.0</td>
</tr>
<tr>
<td>taskd</td>
<td>master, 1.0.0, 1.0.1, 1.1.0</td>
</tr>
<tr>
<td>libtaskd</td>
<td>master, 1.0.0</td>
</tr>
<tr>
<td>libexpr</td>
<td>master</td>
</tr>
<tr>
<td>kronisk</td>
<td>master, 1.0.0</td>
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<tr>
<td>vtpi</td>
<td>master</td>
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<tr>
<td>clog</td>
<td>master, 1.1.0, 1.2.0</td>
</tr>
<tr>
<td>flod</td>
<td>master</td>
</tr>
<tr>
<td>anomaly</td>
<td>master</td>
</tr>
<tr>
<td>vramsteg</td>
<td>master 1.1.0</td>
</tr>
</tbody>
</table>
holidata.net – holiday data for several countries

Data

Holidata.net is a no-nonsense, ad-free provider of international holiday data under a Creative Commons License.

See the map of supported countries, and the supported Locales, years and formats.

How to access the data

All you need to access the data is the correct URL, which looks like this:

http://holidata.net/<LOCAL>/<YEAR>/<FORMAT>

Here is an example that requests the 2012 holiday data for the en-US locale:

http://holidata.net/en-US/2012.json

- The locale should be one of the supported locales (see the supported Locales, years and formats).
- The year should be a four-digit value no earlier than 2011.
- The data format should be one of CSV, XML, YAML, JSON.

Contact

News
Follow holidata.net updates and announcements on Twitter.

Göteborg Bit Factory GBF is the creator of holidata.net

Taskwarrior Taskwarrior is an open source GTD task management application that relies on holidata.net

Errors
See a problem in the data? Please report it.

Locale
Need a different locale? Tell us.

Format
Need a different data format? Tell us.

Disclaimer
See our legal disclaimer.

License

flood.us – continuous integration framework
### torp.tasktools.org – Build Dashboard

<table>
<thead>
<tr>
<th>Project</th>
<th>Plan</th>
<th>Build</th>
<th>Completed</th>
<th>Tests</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>sesame</td>
<td>ermie</td>
<td>🔄 Never built</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>sites</td>
<td>fd.us</td>
<td>🔄 #8</td>
<td>1 month ago</td>
<td>No tests found</td>
<td>Changes by Paul Beckingham</td>
</tr>
<tr>
<td></td>
<td>hd.net</td>
<td>🔄 #3</td>
<td>1 month ago</td>
<td>No tests found</td>
<td>Changes by Federico Hernandez</td>
</tr>
<tr>
<td></td>
<td>tt.org</td>
<td>🔄 #14</td>
<td>3 weeks ago</td>
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<td>Changes by Paul Beckingham</td>
</tr>
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</table>

5 of 5 plans shown

Feed for all builds or all failed builds.

Continuous integration powered by Atlassian Bamboo version 5.4.1 build 4207 - 12 Feb 14

- Report a problem
- Request a feature
- Contact Atlassian
- Contact Administrators

нструменты задач Torp.Tasktools.org

Устаревшие задачи в Ubucon 2014.

Дирк Деимеке (Ubucon 2014)

Taskwarrior – What’s next?

May, 10th 2014 76 / 77
Thanks for your patience!

Dirk Deimeke, Taskwarrior-Team, 2014, CC-BY

dirk@deimeke.net
d5e.org – dirk.deimeke.net – deimhart.net