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Taskwarrior
Todo-Liste für Geeks

Oleg Fiksel

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OpenRheinRuhr 2015

AGENDA

ABOUT ME

- Security Consultant at CSPI (former MODCOMP)
- **Main topics**
    - Automation
    - Virtualisation
    - Application Switching (load balancing)
    - Perl Coding

ABOUT MODCOMP

- ► Founded in 1976 as MODCOMP Inc.
  Since 1985 in Germany.
- ► Main scope: production of minicomputer for real-time environments.
  Example: NASA Space Shuttle Program.
- ► Development of real-time operating system Real/IX.
- ► 1990 - 1992 Cray and Bull equip their HPCs with Real/IX.
- ► 1995 New scope: Security Consulting.
- ► 1996 Purchased by CSPI.
- ► Since 2015 re-branded as CSPI Germany.

ABOUT CSPI

- ▶ 3 locations world wide: US, DE, UK.
- ▶ CSPI Germany (Köln) ~90 employees.
    - ▶ 9 solution centers covering every aspect of IT-Security.
    - ▶ An opportunity to work on big infrastructures with cutting edge technology.

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GOALS OF THIS TALK

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- ▶ Clarify why task management is important

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▸ Clarify why task management is important

▸ Provide a short summary of main point from popular time management techniques

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GOALS OF THIS TALK

▸ Clarify why task management is important

▸ Provide a short summary of main point from popular time management techniques

▸ Introduction to Taskwarrior

PROBLEM

- We are not robots (most of us)

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- We need motivation to do our tasks

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- We are not robots (most of us)
- We need motivation to do our tasks
- Sometimes we work all day but don't have an impression
  we did something

PURPOSE OF A TASK-APPLICATION

- A task list application will not solve your todos

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- It's just a tool to help organize and **get an overview**

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- A task list application will not solve your todos
- It's just a tool to help organize and **get an overview**
- A task list is only usefull if you have an overview *(priorities)*
- A task list should be easy to use

GTD

GTD

GTD

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GTD

GTD (**G**etting **T**hings **D**one)

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GTD

GTD (**G**etting **T**hings **D**one) *- is a time-management method,
described in a book of the same title by productivity consultant
David Allen.* [1]

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[1]Wikipedia Quote

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- Task takes ≤ 5 minutes $\rightarrow$ do it

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  - *Example: Do a PoC with Taskwarrior*

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  - ▶ *Example: Read an article about GTD with Taskwarrior*

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  - ▶ *Example: Proceeed with learning Perl each Sunday*
- ▶ Nice-to-have tasks for free time
  - ▶ *Example: Do a PoC with Taskwarrior*
  - ▶ *Example: Read an article about GTD with Taskwarrior*
- ▶ Do every morning a Task review and schedule your day

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► Try to do the unpleasant tasks first in the morning

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- ▶ Try to do the unpleasant tasks first in the morning
- ▶ Treat yourself with some pleasant tasks at the end of the day

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  - ▶ *Example: "Buy milk" task in a grocery store (not at home)*

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  - ▸ *Example: "Buy milk" task in a grocery store (not at home)*
- ▸ Task switching takes additional time (could be a performance-killer for programmers)
  - ▸ *for extremists: Pomodoro Technique*

WHY TASKWARRIOR?

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► Open Source

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  - Client-Server Model

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    - Client-Server Model
    - Privacy aware

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        - ▶ *Example todo: move the money to Switzerland (Taxman)*

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- lighweight *(Redmine, Jira)*

WHY TASKWARRIOR?

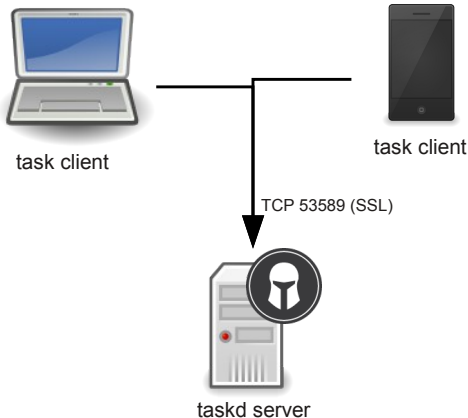My motivation was to find:

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- Mobile Client (Android)

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        - ► *Example todo: move the money to Switzerland (Taxman)*
- ► lighweight *(Redmine, Jira)*
- ► efficient to use *(Redmine, Jira)*
- ► Mobile Client (Android)
    - ► *IMHO: task list isn't usefull if you don't have it with you all the time*

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TASKWARRIOR ARCHITECTURE

task client

task client

TCP 53589 (SSL)

taskd server

SUMMARY

SUMMARY

- Marking tasks as done makes you happy and motivated to do other tasks

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SUMMARY

- Marking tasks as done makes you happy and motivated to do other tasks

- Right task management makes handling your tasks easier and reduces stress

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- Taskwarrior helps you accomplish this
  → *task add due:sunday try Taskwarrior*

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SUMMARY

▶ Marking tasks as done makes you happy and motivated to do other tasks

▶ Right task management makes handling your tasks easier and reduces stress

▶ Taskwarrior helps you accomplish this
  → *task add due:sunday try Taskwarrior*

▶ Doing tasks can be addictive.
  Try to maintain a Tasks-Life balance.
  → *task add due:today recur:daily Watch out of the window and calm down from a stressed day*
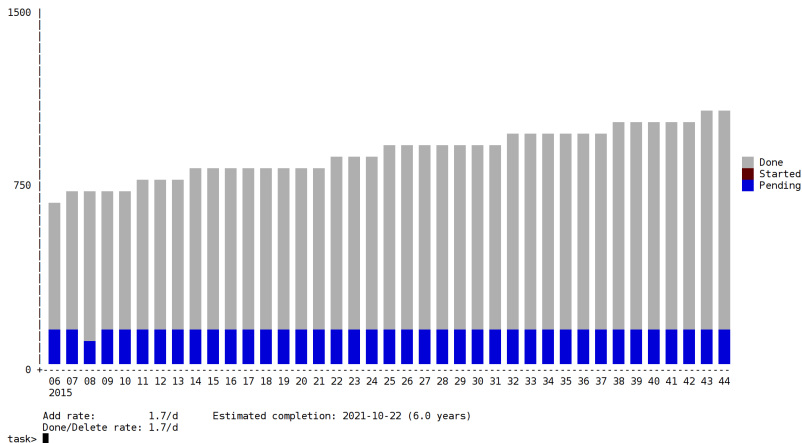
Demo

REPORTING: SUMMARY

```
task> summary
[task summary]

Project     Remaining  Avg age   Complete  0%                              100%
Auto               4   6 weeks       88%
Einkaufen          4   5 weeks       92%
Gesundheit         2   3 weeks       96%
Inbox             11   2 weeks       95%
Infra             91   3 months      76%
Subtasks           2   5 weeks       86%
Wohnung            5   4 weeks       94%
Work               9   3 weeks       93%

8 projects
task> █
```
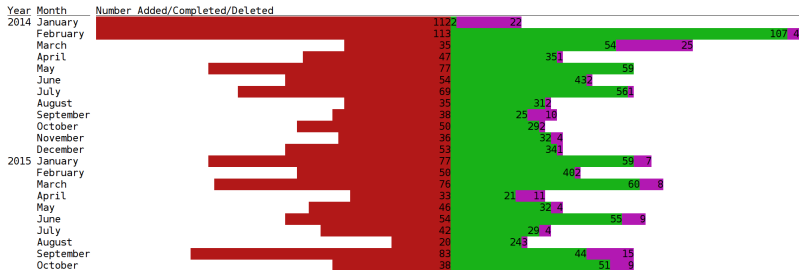
REPORTING: BURNDOWN

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REPORTING: GHISTORY

Q & A

LINKS

- MODCOMP/CSPI
  - MODCOMP History
  - MODCOMP on Wikipedia
- Taskwarrior
  - Taskwarrior Docs
  - Taskwarrior Android Client (Mirakel)
- GTD
  - GTD on Wikipedia
  - Pomodoro Technique on Wikipedia

LINKS

Go deep: Dirk Deimeke's talks

- Taskwarrior: What's next 1
- Taskwarrior: What's next 2
- Video: Talk at OpenRheinRuhr 2011
- Freies Magazin
  - Part 1
  - Part 2
  - Part 3
  - Part 4

Thanks!

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