



SOME SMALL SHELL TWEAKS

COMPOUNDING LOTS OF SMALL CHANGES FOR LARGER EFFECTS

Dirk Edelbuettel

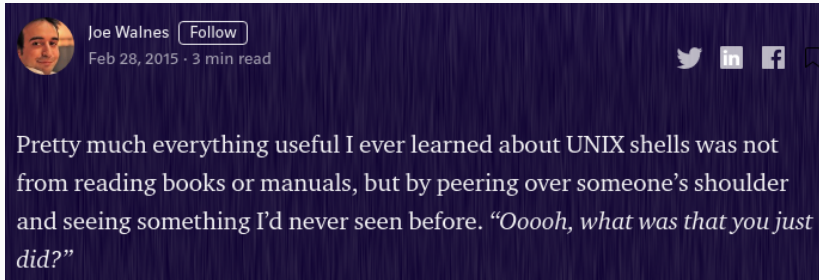
7⁴ Video Lightning Talk #001

May 10, 2020

Announcing A New Series of Video Lightning Talks

- Focus likely on
 - Shell (*i.e.* `bash`)
 - Byobu (*i.e.* a nice way to use `tmux`)
 - Emacs (hear me out on this...)
 - Possibly `git`
 - Possibly some `R` or `r` tricks
- Today is Episode 1

OVERALL MOTIVATION (AS STATED LAST WEEK)



Source: Joe's awesome post on shell process substitution

<https://medium.com/@joewalnes/handy-bash-feature-process-substitution-8eb6dce68133>

SHELL IS EVERYWHERE

In the Beginning... Was the Command Line - Wikipedia - Google Chrome

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en.wikipedia.org/wiki/In_the_Beginning...Was_the_Command_Line

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In the Beginning... Was the Command Line

From Wikipedia, the free encyclopedia

In the Beginning... Was the Command Line is an essay by Neal Stephenson which was originally published online in 1999 and later made available in book form (November 1999, ISBN 978-0380815937). The essay is a commentary on why the proprietary operating systems business is unlikely to remain profitable in the future because of competition from free software. It also analyzes the corporate/collective culture of the Microsoft, Apple, and free software communities.

Contents [hide]

- Themes
- Later developments
- See also
- References
- External links

Themes [edit]

Stephenson explores the GUI as a metaphor in terms of the increasing interposition of abstractions between humans and the actual workings of devices (in a similar manner to *Zen and the Art of Motorcycle Maintenance*)^[*citation needed*] and explains the beauty hackers feel in good-quality tools. He does this with a car analogy. He compares four operating systems, Mac OS by Apple Computer to a luxury European car, Windows by Microsoft to a station wagon, Linux to a free truck, and BeOS to a hotmobile. Stephenson argues that people continue to buy the station wagon



Demo Simple Example

- Using three sessions at [minicloud](#) with the oldest
 - debian (version 8)
 - ubuntu (version 14.40)
 - centos (version 7)
- All of them already have color enabled (for at least ls): good!
- But we found a Docker image without `debian:oldoldstable`
- DEMO

Where?

- Globally (if you can)
 - `/etc/bash.bashrc` or maybe
 - `/etc/profile`
- Locally `~/.bashrc` (or maybe `~/.bash_profile`)
- Turn on colour, often simply by removing a comment char
- Or, more easily: Use a *recent enough release* that does it

Customize your prompt

- Give useful information about
 - account
 - host
 - directory
 - *and much more*
- Simple Ready-to-Use Examples and more
- Hopefully Next Sunday

The screenshot shows the GitHub interface for the repository 'eddelbuettel / t4'. At the top, there are navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The repository name is 'eddelbuettel / t4' with 1 Unwatch, 0 Stars, and 0 Forks. Below the repository name, there are statistics: 1 commit, 1 branch, 0 packages, 0 releases, and 1 contributor. There are buttons for 'Create new file', 'Upload files', 'Find file', and 'Clone or download'. The commit history shows an initial commit by eddelbuettel 31 seconds ago. The README.md file is selected, showing the following content:

t4: Tips, Trick, Tools and Toys

What Is This?

An informal series of *lightning talks* taped as videos and supported by a few slides. Focused on a few little ticks and tricks, or tools, or toys, to make computing life just that little bit easier.

Schedule so far

with the [initial video](#) and [slides](#)

What Else?

Please use the [issue tracker](#) to provide feedback, corrections, ideas, ...

Who

Dirk Eddelbuettel

Source: <https://github.com/eddelbuettel/t4>

Thu, 07 May 2020

Rcpp Virtual Talk on June 5

We had to [cancel R/Finance 2020](#) due to what is happening all around us. But I plan to present the one-hour workshop I often give in the tutorial session preceding the first day—but this time online!

To keep it simple, we will stick with the same day, and possibly the same time: Friday morning at 8:00am! So that makes Friday, June 5, at 08:00h Central time.

[This YouTube! link](#) should then provide the stream, I reckon there may also be a recording afterwards.



I ILLINOIS

**INTRODUCTION TO RCPP:
FROM SIMPLE EXAMPLES TO MACHINE LEARNING**

(VIRTUAL) R/FINANCE PRE-CONFERENCE TUTORIAL

Dirk Eddelbuettel
5 June 2020

The talk / demo / presentation will be about an hour long, and material will be similar to the previous ones (of the same length) still available at the [talks](#) page (which also has longer talks all the way to the two-day workshops).

If you like this or other open-source work I do, you can now [sponsor me](#) at GitHub. For the first year, [GitHub will match your contributions](#).

This post by Dirk Eddelbuettel originated on his [Thinking inside the box](#) blog. Please report excessive re-aggregation in third-party for-profit settings.

Source: Blog post at http://dirk.eddelbuettel.com/blog/2020/05/07#rcpp_announce_talk_20200605

THANK YOU!

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