SETTING YOUR SHELL PROMPT

COMPOUNDING LOTS OF SMALL CHANGES FOR LARGER EFFECTS

Dirk Eddelbuettel

T⁴ Video Lightning Talk #002
May 17, 2020
Previously we

- Introduced the series with an overview in episode 000
- Started some first shell customization with color in episode 001
- Showed the GitHub repo t4 for comments, questions etc
Customize your prompt

- Give useful information about
  - account
  - host
  - directory
  - *and much more*

- Simple Ready-to-Use Examples
How

- Set (and export) the **PS1** variable
- Simplest: `export PS1="\u@\h:\w> "`
- DEMO
Where?

- Locally `~/.bashrc` (or maybe `~/.bash_profile`)
- To turn on colour etc: maybe use help of a generator:
  - [http://bashrcgenerator.com/](http://bashrcgenerator.com/) or
  - [http://omar.io/ps1gen/](http://omar.io/ps1gen/) or
  - [http://ezprompt.net/](http://ezprompt.net/) or
  - ... many more
How

- A little harder: we need a (very short) bash functions
- That is called from the **PS1** variable set
- One example at
  
  https://stat430.com/resources/snippets/
- Other examples on-line
## Set the prompt to show the current git branch:

```bash
function parse_git_branch {
    ref=$(git symbolic-ref HEAD 2> /dev/null) || return
    echo "("${ref#refs/heads/}\")"
}
```

## this one has user@host:working/dir(branch):

```bash
export PS1='[\e[38;5;202m]u[\e[38;5;245m]@[\e[00m] \[\e[38;5;172m]h[\e[00m]:[\e[38;5;202m]\w \[\e[38;5;245m]$(parse_git_branch)[\e[00m]$ '```

Maybe More Shell

- Shell aliases a good topic
- Some simple examples
- Common theme: *simple* customizations add up
- Hopefully Next Sunday
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 tricks 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.

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**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 should 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!

slides http://dirk.eddelbuettel.com/presentations/
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twitter @eddelbuettel

repo https://github.com/eddelbuettel/t4