



Random script and tips

Oh, yeah, I knew that!



Introduction & goals

Few things beforehand:

- This may not be THE BEST way
- Heavily subjective (my way)
- Not a final form (still evolving)
- From a developer perspective
- Using zsh (default on mac, and linux distro I use), there might be differences in how macos and linux executes/prints commands.
- Most of commands should work on bash/sh

Goal:

- To learn at least one new trick/thing.
- Have fun doing it

3rd party goodies

Here is the list of apps I found useful:

- Fig - <https://fig.io/>
- Oh my Zhs - <https://ohmyz.sh/>
- Powerlevel10K - <https://github.com/romkatv/powerlevel10k> (theme for Zsh)

Setup

- All custom stuff in one file (e.g. ~/igor.zshrc), this file can be under version control or even uploaded to some site (so it can be downloaded, and used on new box/vm)
 - You may need to have separate file for MacOS and Linux, some aliases are not exactly the same (mutagen vs vanilla docker compose).
- In your ~/.zshrc all you need to add is this line

```
[[ -f ~/igor.zshrc ]] && source ~/igor.zshrc
```
- Customize your PROMPT by running

```
p10k configure
```

Part 1: Terminal shortcuts

1. Control + L (CTRL + L) - to clear screen (same output as clear command)
2. Control + R (CTRL + R) - recursive history search
3. Control + U - clear current line (cut from cut/paste)
4. Control + W - clear last word (cut from cut/paste)
5. Control + Q - clear line, print line after return
6. Control + Y - paste from cut/paste

Part 2: Terminal commands - intro

6. Check your default shell - `echo $SHELL`
7. Check your PS1 (default prompt) - `echo $PROMPT` or `echo $PS1` may not be readable. Contents are generated.
8. Clean history, remove duplicates, unlimited entries see `igor.zshrc`
9. Repeat my last command - `!!`
10. Previous folder - `cd -`
11. Home folder `cd ~` or `cd`
12. Change owner:group - `chmod -R igor: project/`
13. Source file shorthand - `. ~/igor.zshrc` same as `source ~/igor.zshrc`

Part 2: Terminal commands

14. History - `history`
15. Clear history - `history -c` or `history -p`
16. Run 99th command from history - `!99`
17. Print (don't run) 99th command from history - `!99:p`
18. Run 3rd command from recent history - `!-3`
19. Argument from history - `!99:1`
20. Argument from last command - `!!:1`
21. Replace word from last history command - `^ssh^scp^` (doesn't work with &&)
22. fg/bg/jobs and &

Part 3: Web development

1. How to drop all tables from database without “create/drop database” grant

```
mysqldump -ud -pd -hd d | grep ^DROP | mysql -ud -pd -hd d
```

2. To compress (zip) database dump

```
drush sql-dump | gzip > output.sql.gz
```

```
mysqldump -ud -pd -hd d | gzip > output.sql.gz
```

3. Better view of select statement results

```
select * from actions\G
```

4. Run php script after a full Drupal bootstrap - `drush scr demo.php`

- 5.

Part 4: Copier instead of Cookiecutter

CLI library for creating project templates.

- <https://github.com/copier-org/copier>

What's better than Cookiecutter:

1. Better validators, more control
2. Conditional prompts, password input (obscured)
3. Visuals are better (looks nicer, help text, select)
4. Has update feature (not used thus far)
5. Under active development

What's worse:

1. Missing rc file defaults