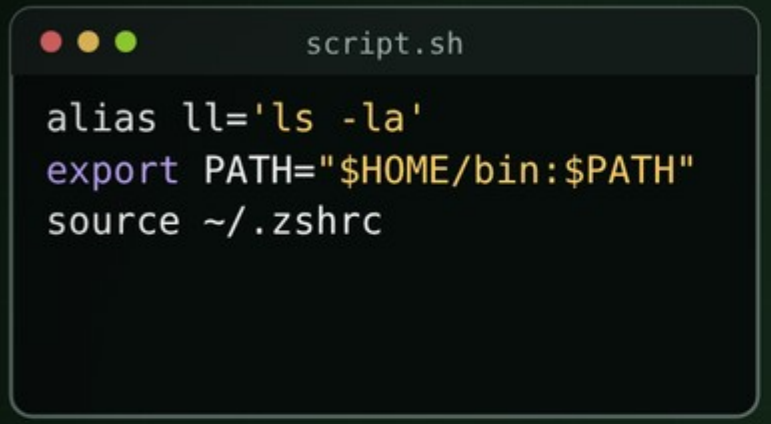
LESSON 10



$_

.zshrc & .bashrc

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BASH & ZSH SCRIPTING

LESSON 10

Zsh, Config Files and Your Shell Setup

.bashrc, .zshrc, aliases, PATH, prompts and Zsh features

Startup Files

File	When it is read
`~/.bashrc`	every interactive Bash
`~/.bash_profile`	Bash login shells
`~/.zshrc`	every interactive Zsh
`~/.zprofile`	Zsh login shells
`source ~/.zshrc`	reload now

- When a shell starts, it reads startup files. Bash reads dot bashrc for interactive shells, …
- Put aliases, functions, PATH changes and your prompt there. Run source on the file to …

01

Aliases and PATH

.zshrc

```
alias ll='ls -la'
alias gs='git status'
alias ..='cd ..'
export PATH="$HOME/bin:$PATH"     # my own scripts
mkcd() { mkdir -p "$1" && cd "$1"; }
```

- An alias is a short name for a longer command. alias ll equals ls dash la saves typing …
- PATH is the list of folders searched for commands. Add your own scripts folder to PATH so …

02

Customizing the Prompt

Bash · PS1

- PS1='\u@\h:\w\$ '
- mariam@web1:~/app$
- \u user · \h host · \w folder

Zsh · PROMPT

- PROMPT='%n@%m %~ %# '
- mariam@web1 ~/app %
- %n user · %m host · %~ folder

- The prompt is controlled by PS1 in Bash and PROMPT in Zsh. Show the user, folder, time or …
- A clear prompt that shows where you are and which server you are on prevents expensive …

03

What Zsh Adds

terminal

```
% ls **/*.md                  # all markdown files, any depth
% ls *(.Lm+15)                # files over 15 MB
% ls *(.om[1,3])              # 3 newest files
% setopt SHARE_HISTORY        # share history across terminals
```

- Zsh has smarter tab completion, shared history between terminals, spelling correction, and …
- Its glob qualifiers are unique: star parenthesis dot capital L m plus one five closing …

04

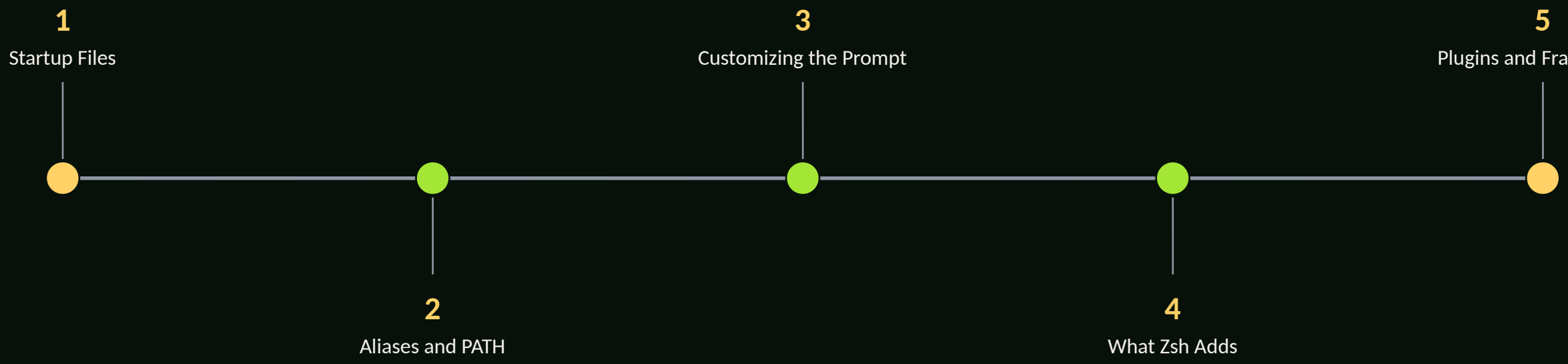
Plugins and Frameworks



- Daily shell — themes, plugins, completion
- Scripts — plain #!/bin/bash
- Portable — runs on any server

05

Lesson Map


1
Startup Files
2
Aliases and PATH
3
Customizing the Prompt
4
What Zsh Adds
5
Plugins and Frameworks

Sources and Further Reading





Thank you for watching

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