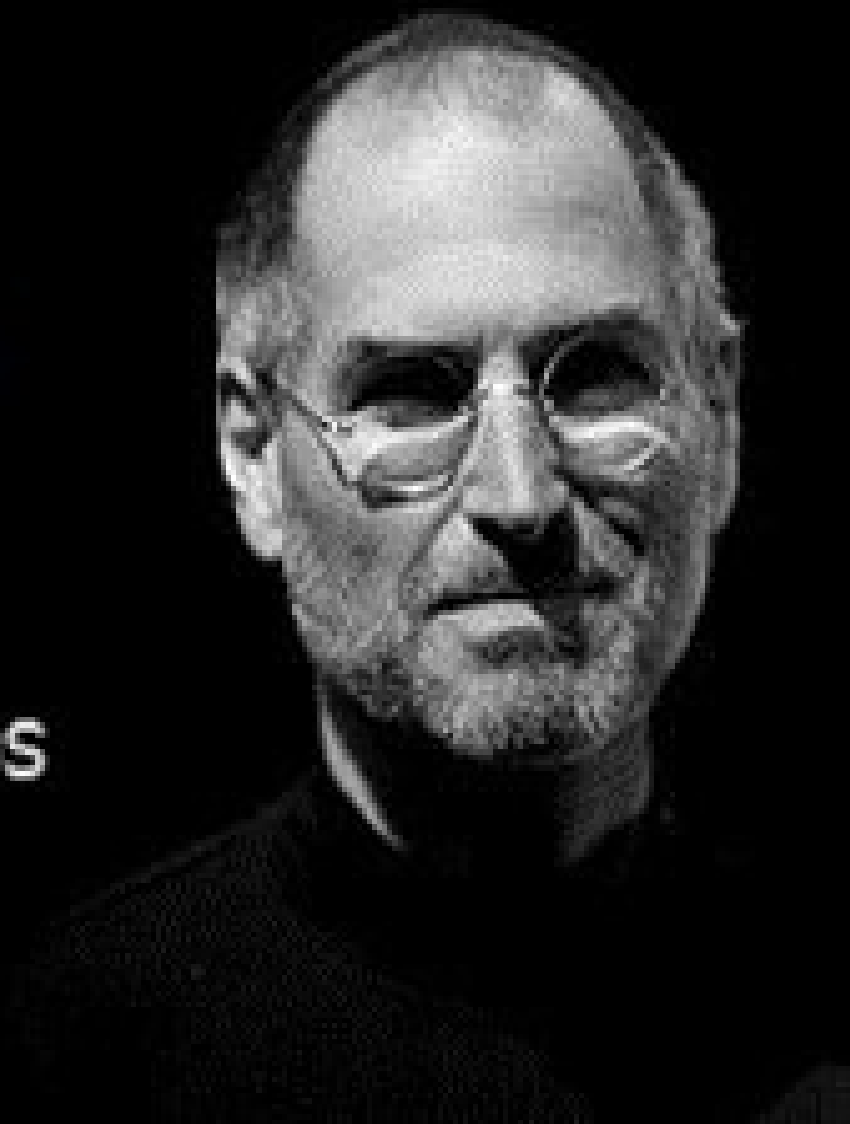


Everyone should know how to  
program a computer, because it  
teaches you how to think!

- Steve Jobs





Whether you want to uncover the secrets of the universe, or you just want to pursue a career in the 21st century, basic computer programming is an essential skill to learn

— *Stephen Hawking* —

**“PROGRAMMING IS USUALLY TAUGHT BY  
EXAMPLES.”**

**NIKLAUS WIRTH**

© Lifehack Quotes



GitHub Inc. is a web-based hosting service for version control using Git. It is mostly used for computer code. It offers all of the distributed version control and source code management functionality of Git as well as adding its own features

# WHAT IS VERSION CONTROL?

- A system that keep records of your changes.
- Allows for collaborative development
- Allows you to made what changes and when.
- Allows you to revert any changes and go back to previous state



# WHAT IS GIT?

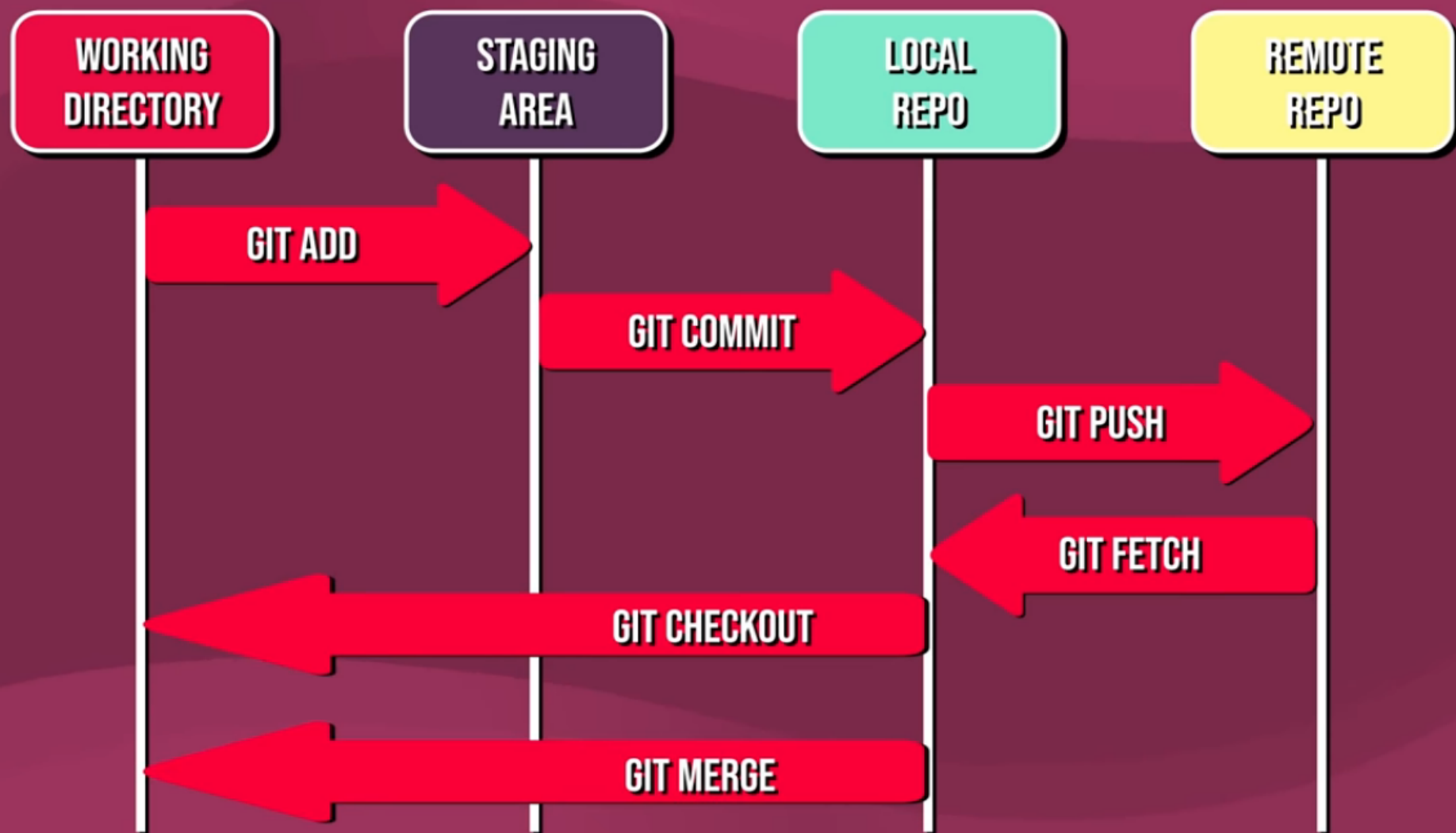
- GIT IS A PROTOCOL  
CREATED BY LINUS  
TORVALDS
- STARTED IN 2005
- TO AID IN LINUX KERNEL  
DEVELOPMENT



A computer is like air conditioning -  
it becomes useless when you open  
Windows

— *Linus Torvalds* —

AZ QUOTES





# PRODUCT DELIVERY



## TEAM A: ENGINE TESTING



Team Lead A



other team members

## TEAM B: BODY DESIGN



Team Lead B



other team members

## TEAM C: WHEEL MANUFACTURING



Team Lead C



other team members





## Live Version

2017 version that is on market

Big annual release  
**Deploy**



## Remote Repo

Current team plans for 2018 version

Present to the team  
**Push**



## Local Repo

My latest, improved body design, yet to be okayed by team

Testing process  
**Commit**



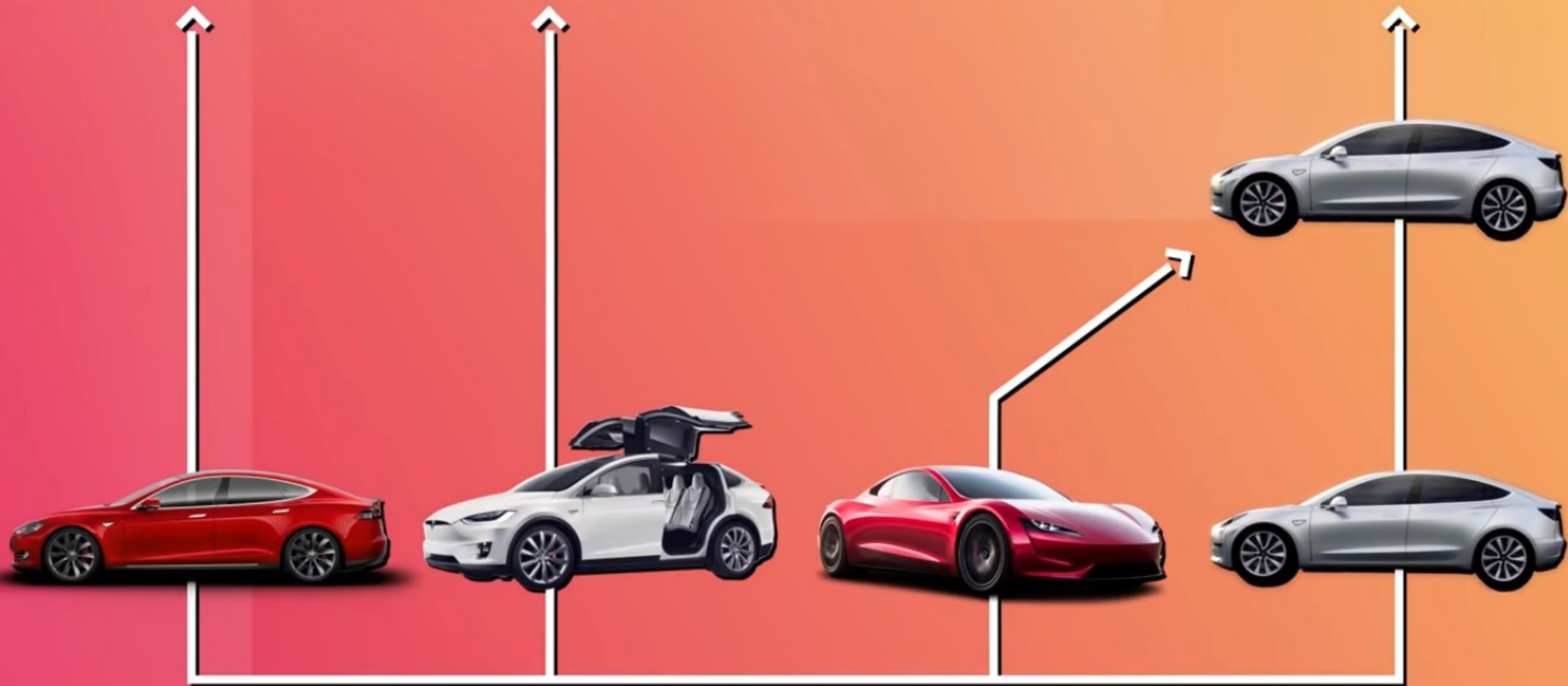
## Staging Area

A design that I am excited about that still needs testing

Initial Design Process  
**Add**



**4 branches**



**git merge**

# GIT COMMANDS

Recap : The workflow.

- Edit files and check the status

```
$ git status
```

- Add them to the staging area

```
$ git add file1.php file2.php file3.php
```

- Commit the changes

```
$ git commit -m 'Commit message that explains the changes'
```

- Push them to Github

```
$ git push origin master  
Enter passphrase!
```

- Celebrate ! 😊

[bit.ly/rvqslack](https://bit.ly/rvqslack)



**slack**



*That's all Folks!*