

Versionamento de whatever com GIT

Fernando Fagonde

Tchelinux Bagé - 2018



Who am I?



Curriculum

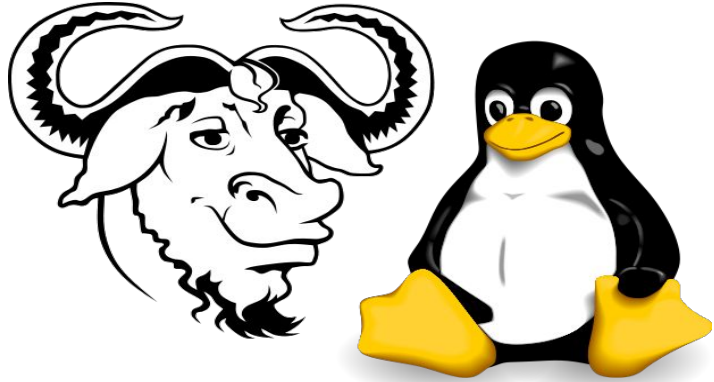


ODEBRECHT

Curriculum

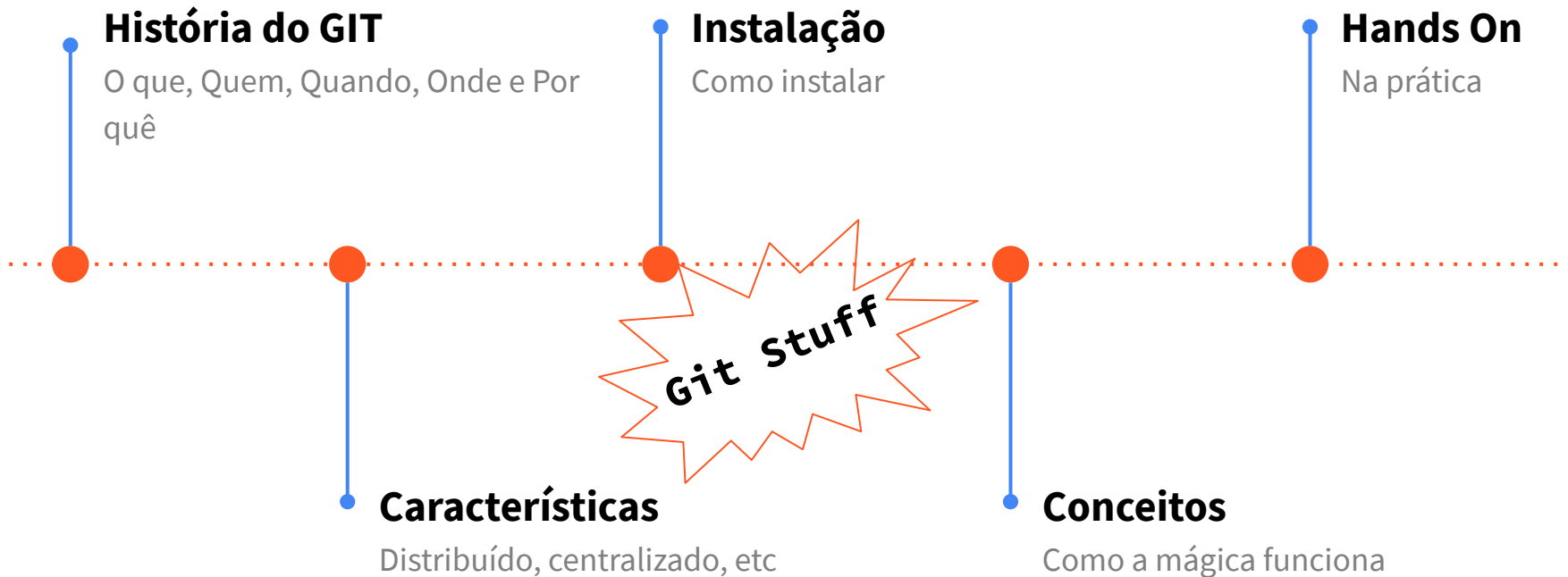


Experiência em




PostgreSQL


RoadMap





Sistema de Controle de Versão


 artigo.odt


 artigo (3ª cópia).odt


 ARTIGO_AGORA_VAI.odt


 artigo_final.odt

 artigo_final (outra cópia).odt

 artigo_final_valendo.odt

 artigo_final_valendo_de_verdade.odt

 artigo_final_valendo_de_verdade (outra cópia).odt

 artigo (outra cópia).odt

Git Stuff



GitHub



GitLab



Aplicações com muitos recursos que não existiriam sem o git.

Quem fez isso?



História do Git

Linus Torvalds

- Versionamento do Kernel do Linux de 1991 a 2002 era feito com arquivos compactados;
- Bitkeeper;

História do Git

Linus Torvalds

- Velocidade;
 - Design simples;
 - Suporte robusto a desenvolvimento não linear (milhares de branches paralelos);
 - Totalmente distribuído;
 - Capaz de lidar eficientemente com grandes projetos como o kernel do Linux (velocidade e volume de dados);
-

[About](#)[Documentation](#)[Downloads](#)[GUI Clients](#)[Logos](#)[Community](#)

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloads

[Mac OS X](#)[Windows](#)[Linux/Unix](#)

Older [releases](#) are available and the [Git source repository](#) is on GitHub.



GUI Clients

Git comes with built-in GUI tools ([git-gui](#), [gitk](#)), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)

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```
fernando@fagonde:~/Downloads$ sudo apt install git
[sudo] senha para fernando:
Lendo listas de pacotes... Pronto
Construindo árvore de dependências
Lendo informação de estado... Pronto
git is already the newest version (1:2.11.0-3+deb9u3).
0 pacotes atualizados, 0 pacotes novos instalados, 0 a serem removidos e 0 não atualizados.
fernando@fagonde:~/Downloads$ █
```

Quem usa?

Companies & Projects Using Git

Google

facebook

Microsoft

twitter

LinkedIn

NETFLIX

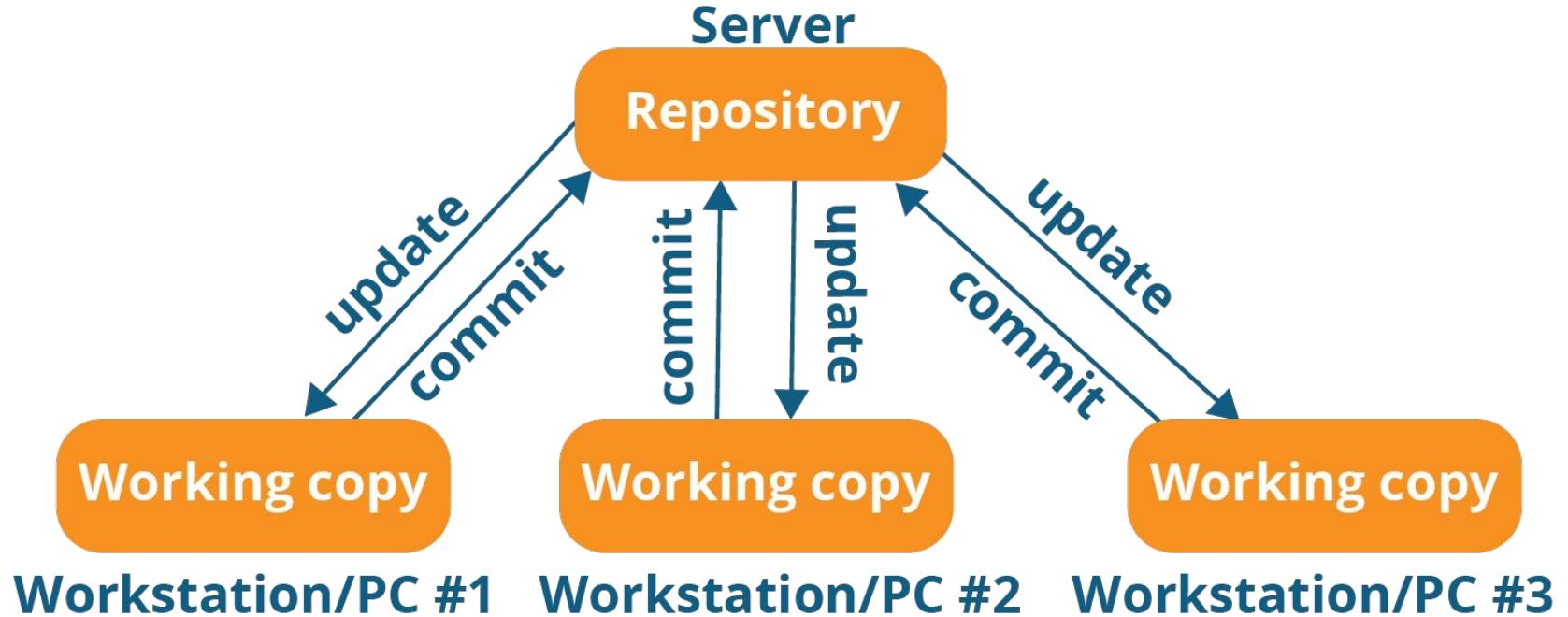


PostgreSQL

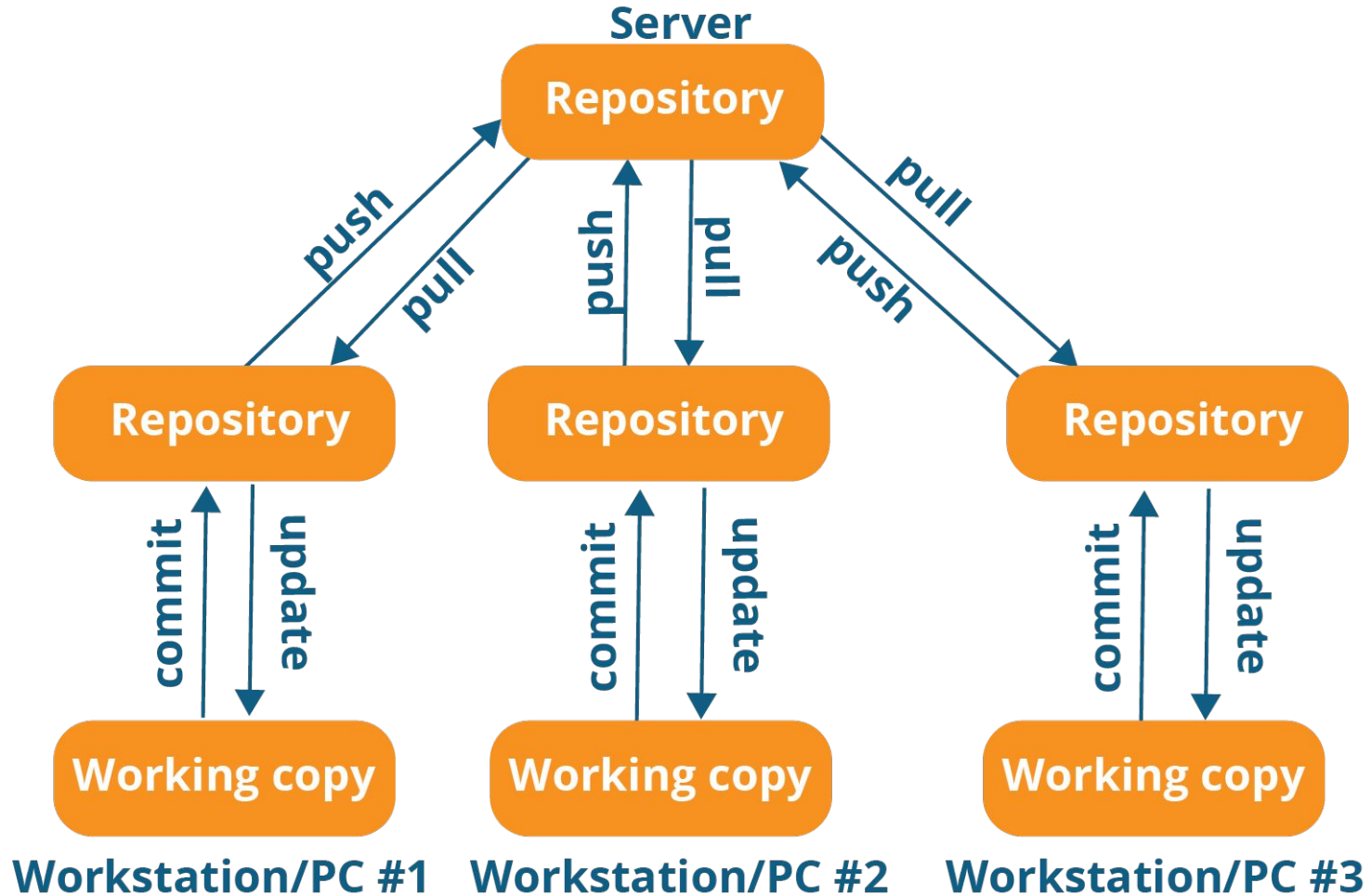


**Distribuído e
Centralizado**

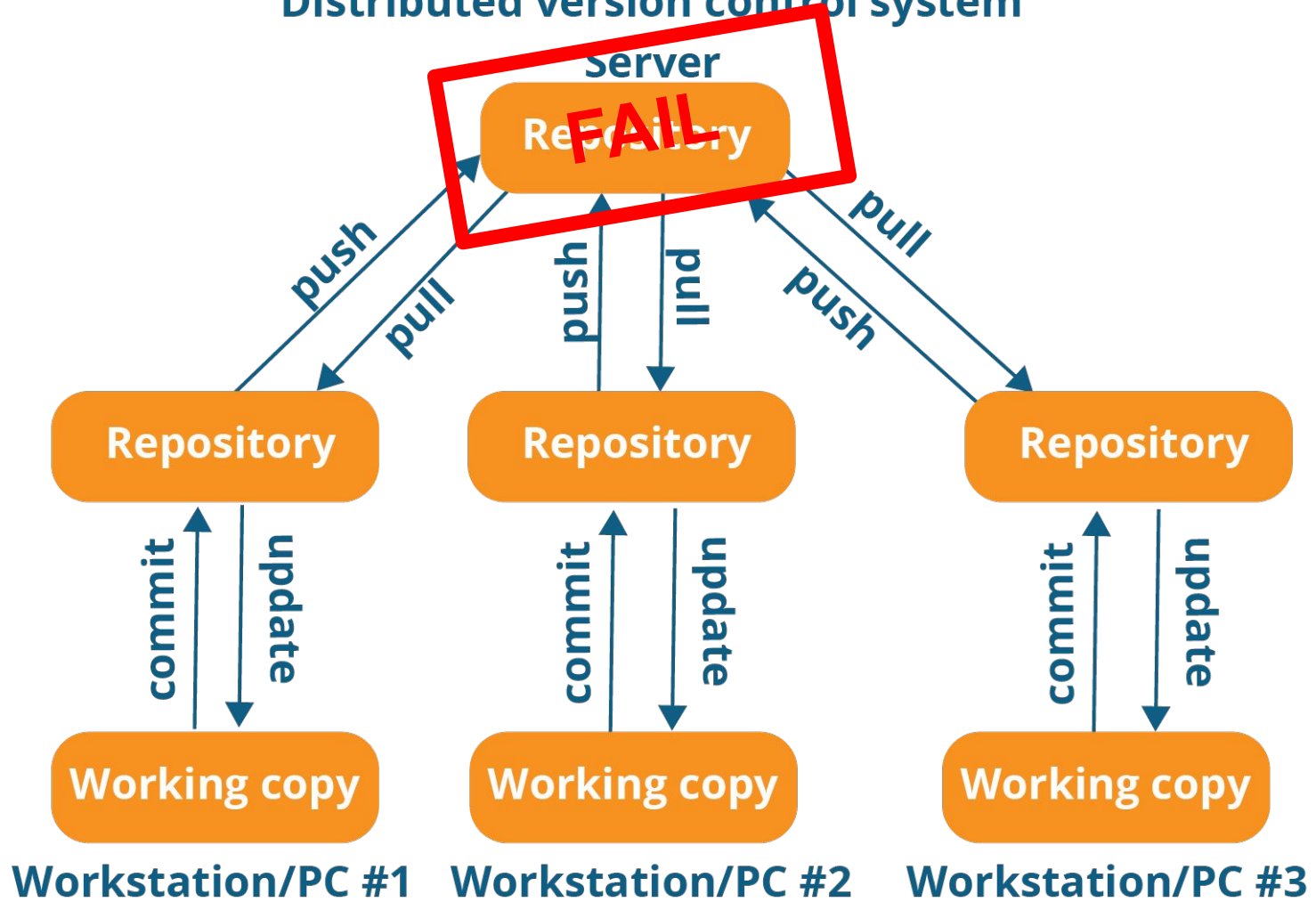
Centralized version control system



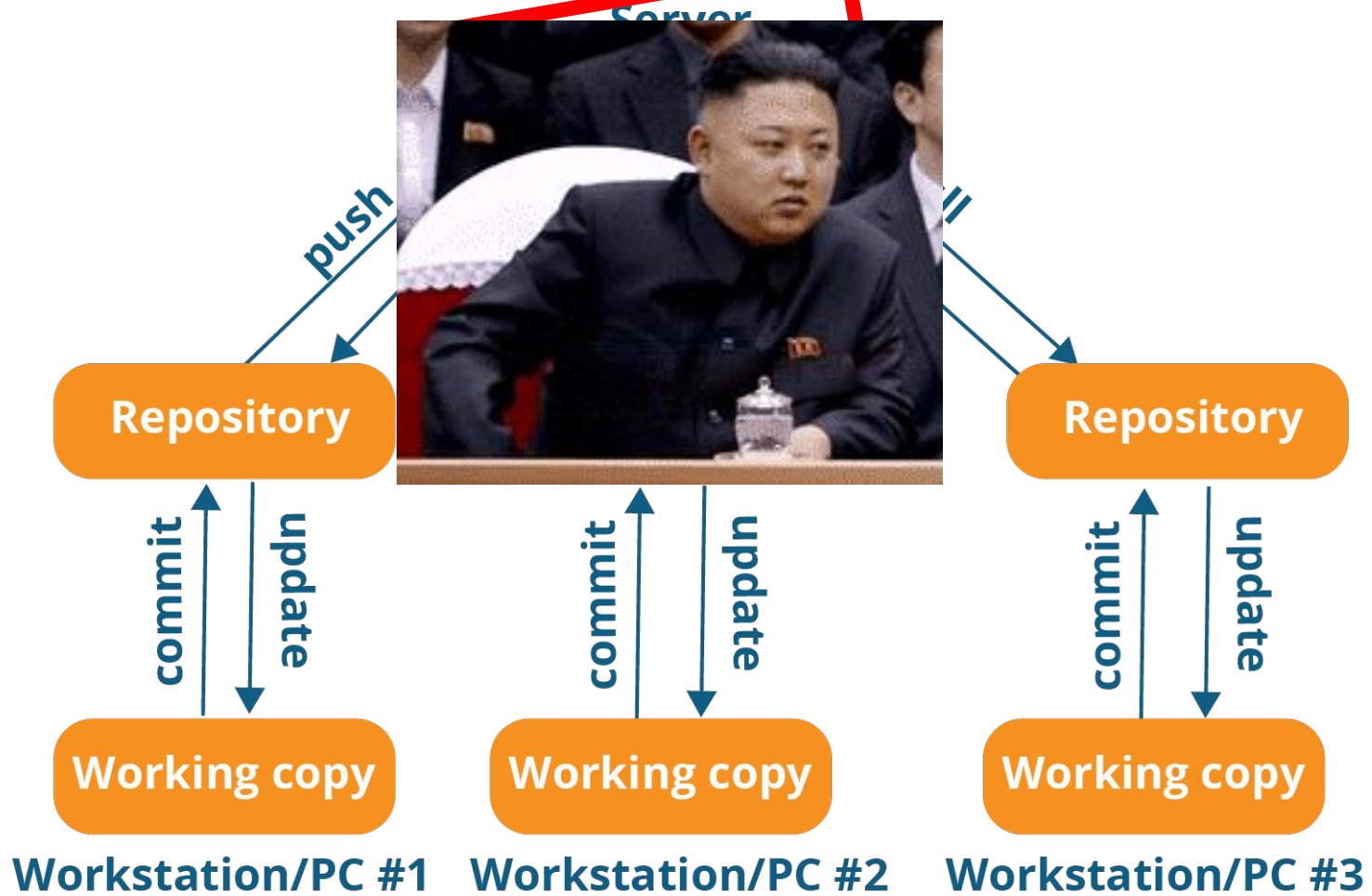
Distributed version control system



Distributed version control system



Distributed version control system



Conceitos

- branch
 - origin master
- remote
- tag

Branch



Remote

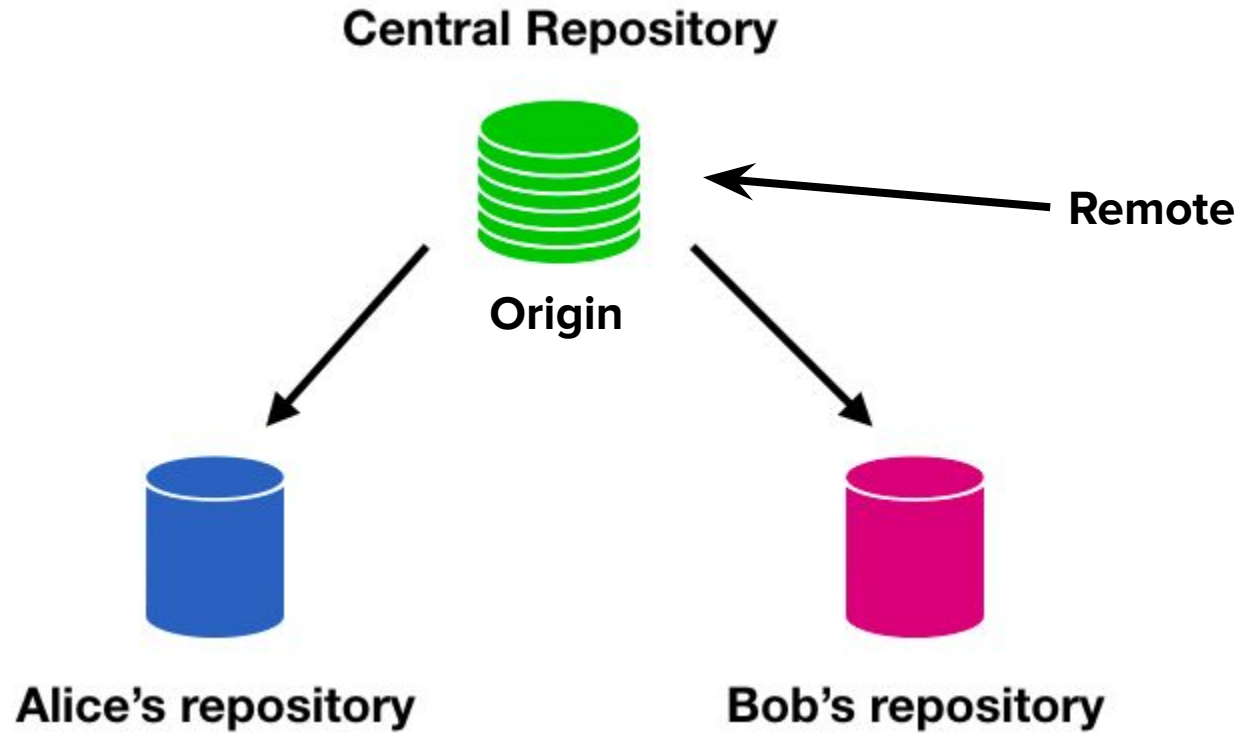
Central Repository

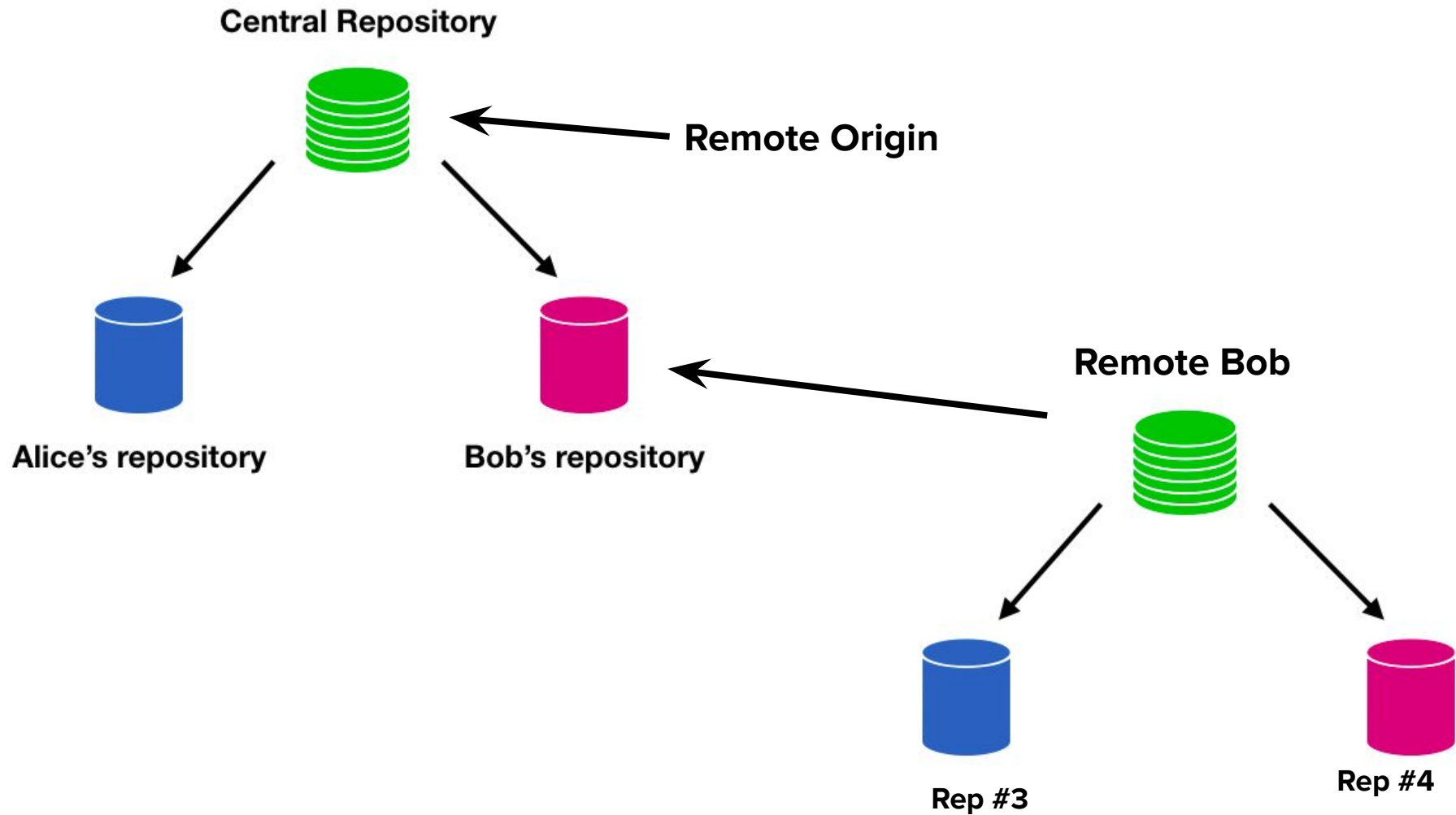


Alice's repository

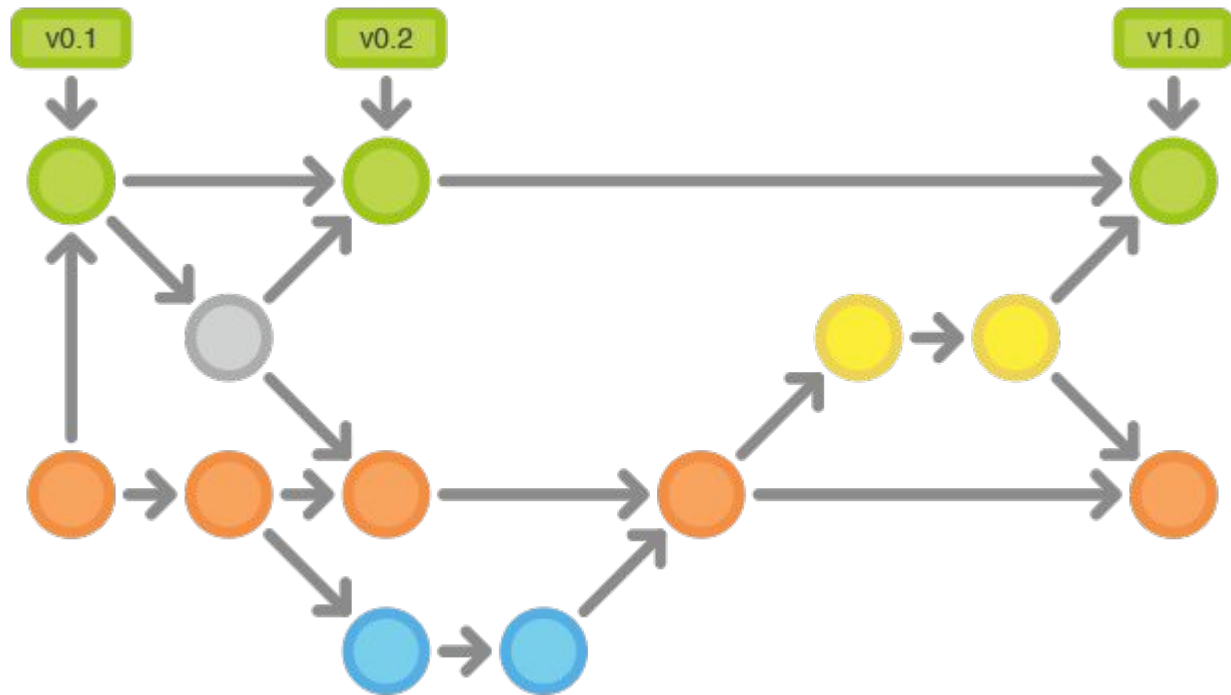


Bob's repository





Tags



Hands On

local



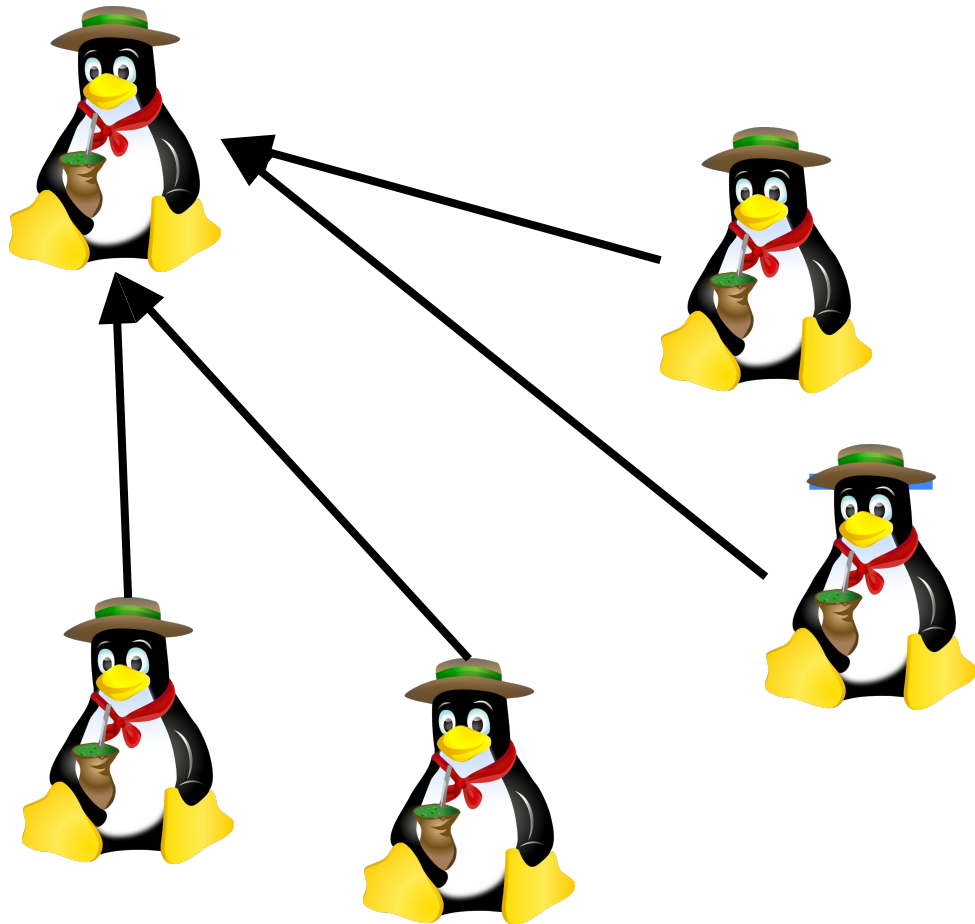
Hands On

local

- clonar o “adminLte”;
 - clonar o clone;
 - alterar um arquivo;
 - voltar o arquivo;
 - criar um branch;
 - editar um arquivo;
 - adicionar a alteração ao versionamento;
 - merge dos branches;
 - Criar um versionamento do “ZERO”
-

Outras coisas

- GUI;
- gitflow;



Dúvidas?



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Muito Obrigado!

