

# Git基础

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# Agenda

- Why Git?
- The Three States: committed, modified and staged.
- Demo
- rebase vs merge
- Git workflow

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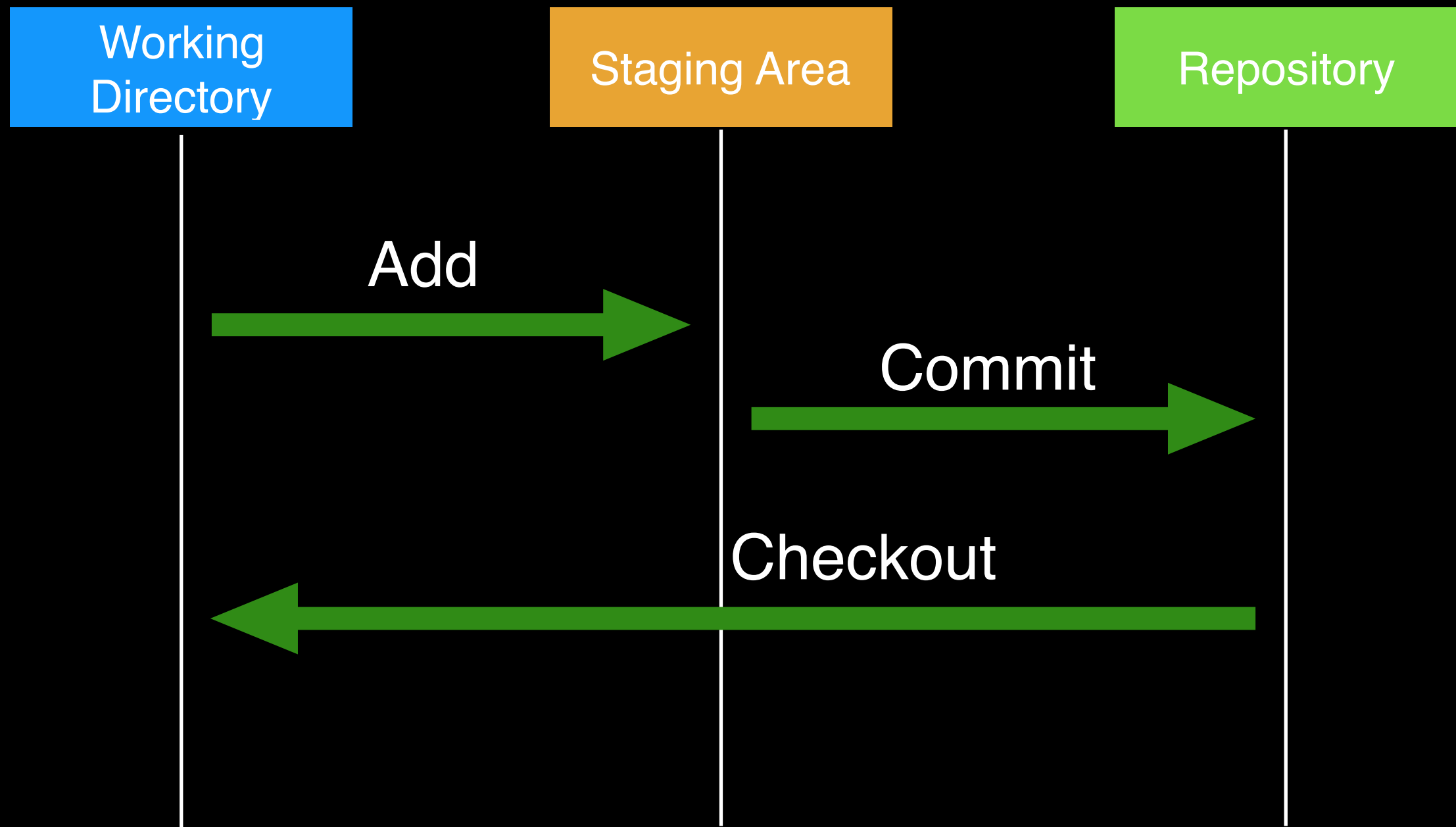
# Why Git?

- DVCS: Distributed Version Control System
- Fast: 大部分操作都在本地。
- SHA-1 hash
- Easy Branching

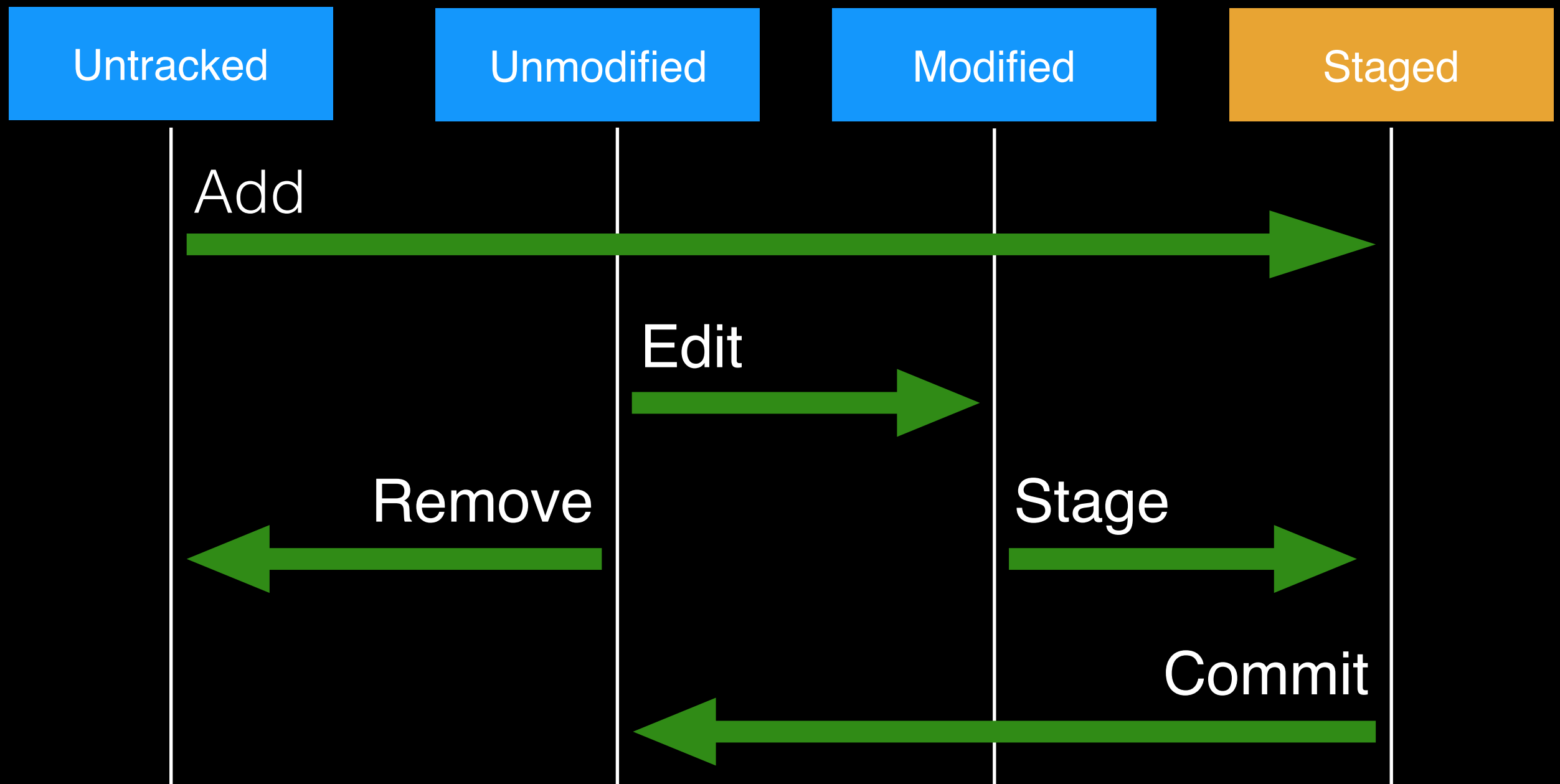
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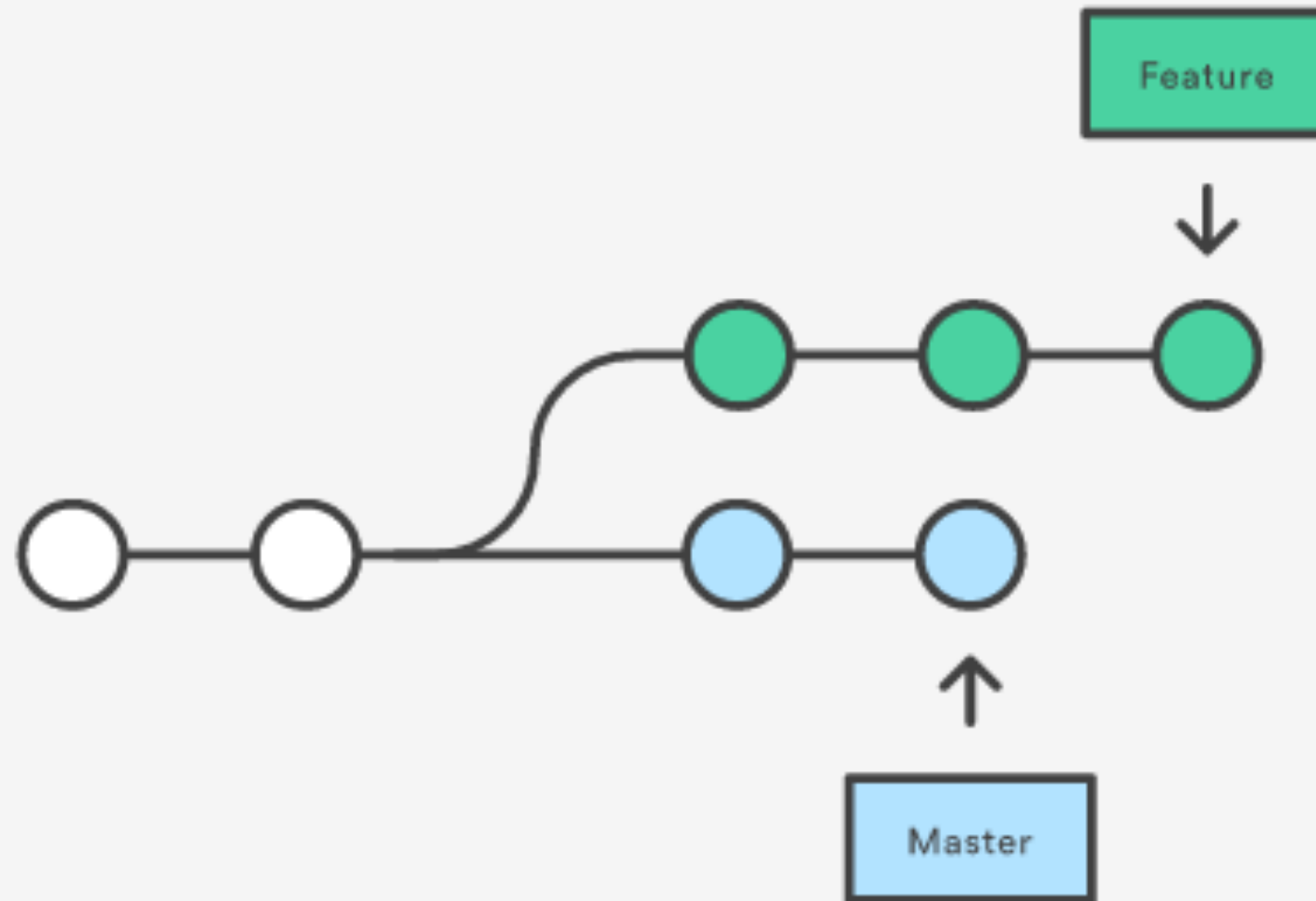


*Demo*

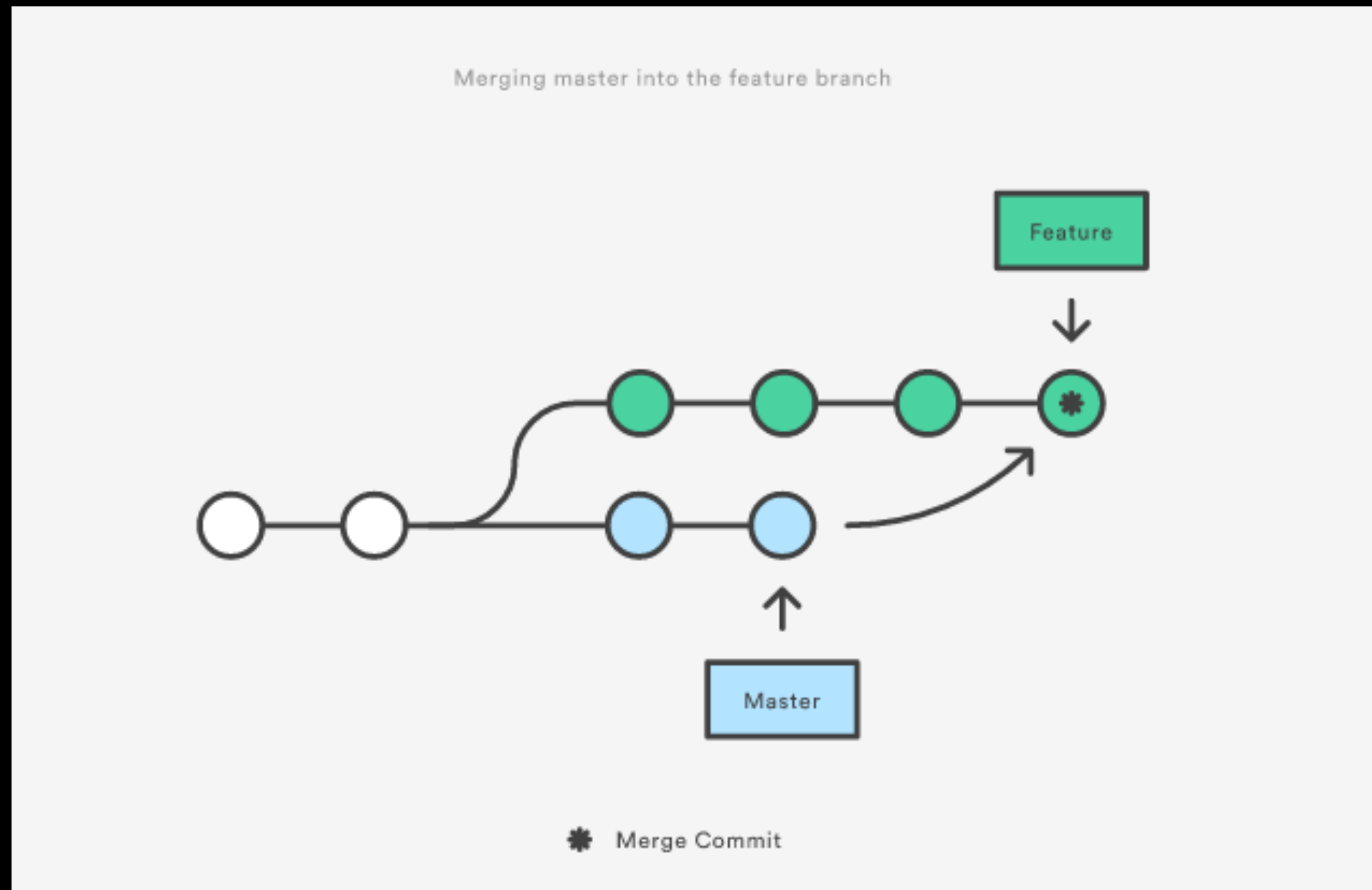
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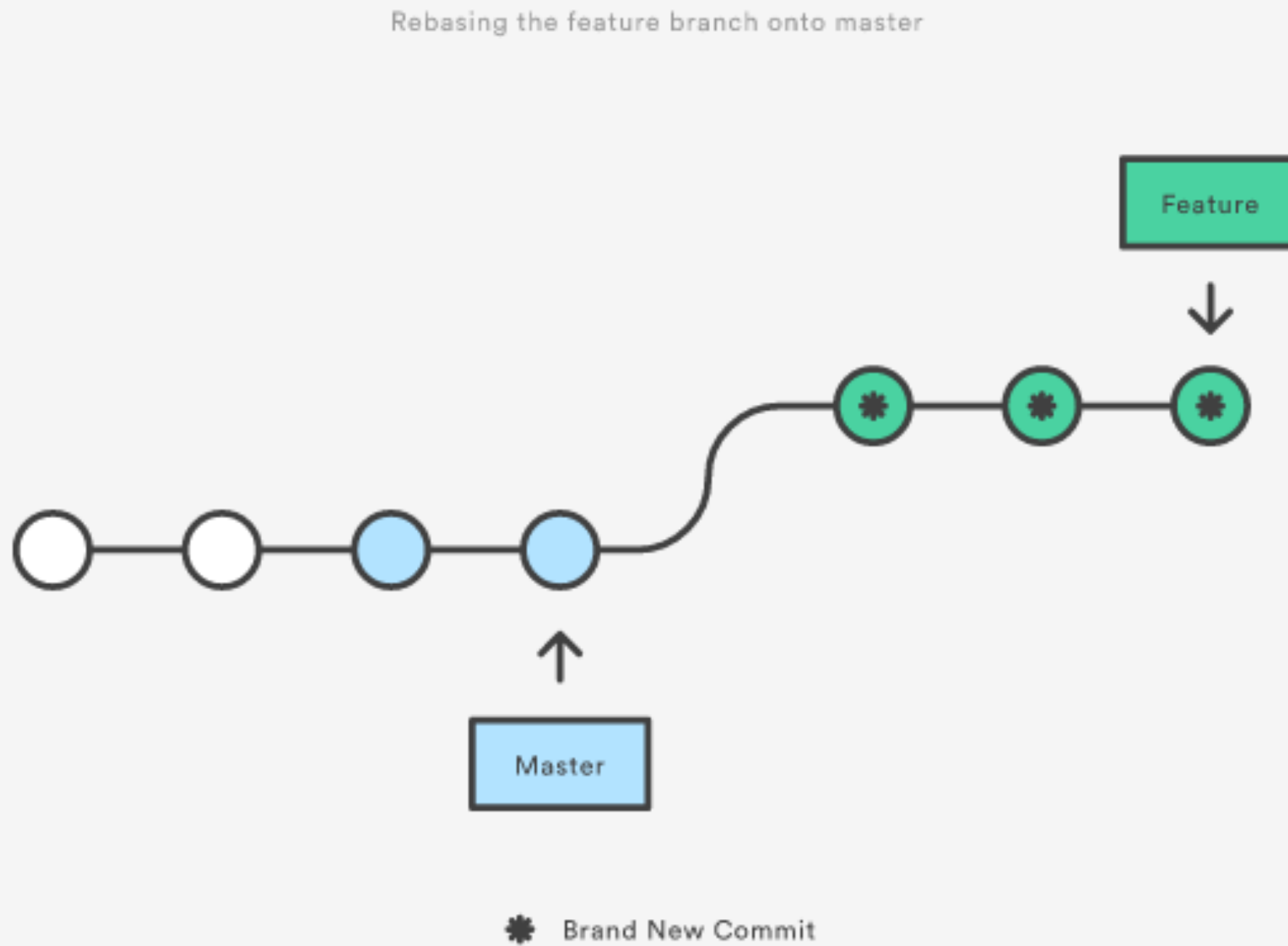
# rebase 和 merge



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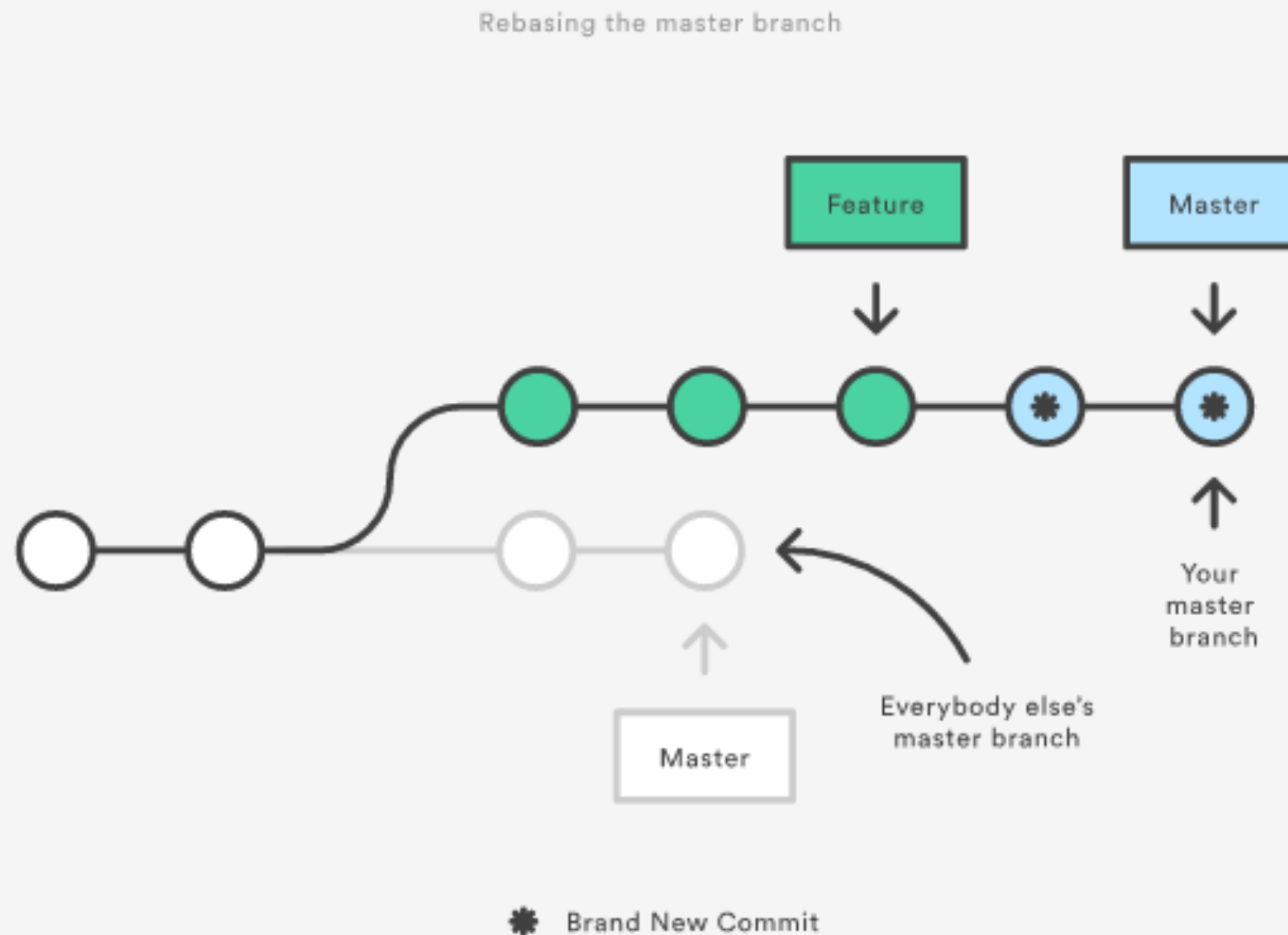


*Demo*

# The Golden Rule of Rebasing

- **Never** use **git rebase** on **public** branch

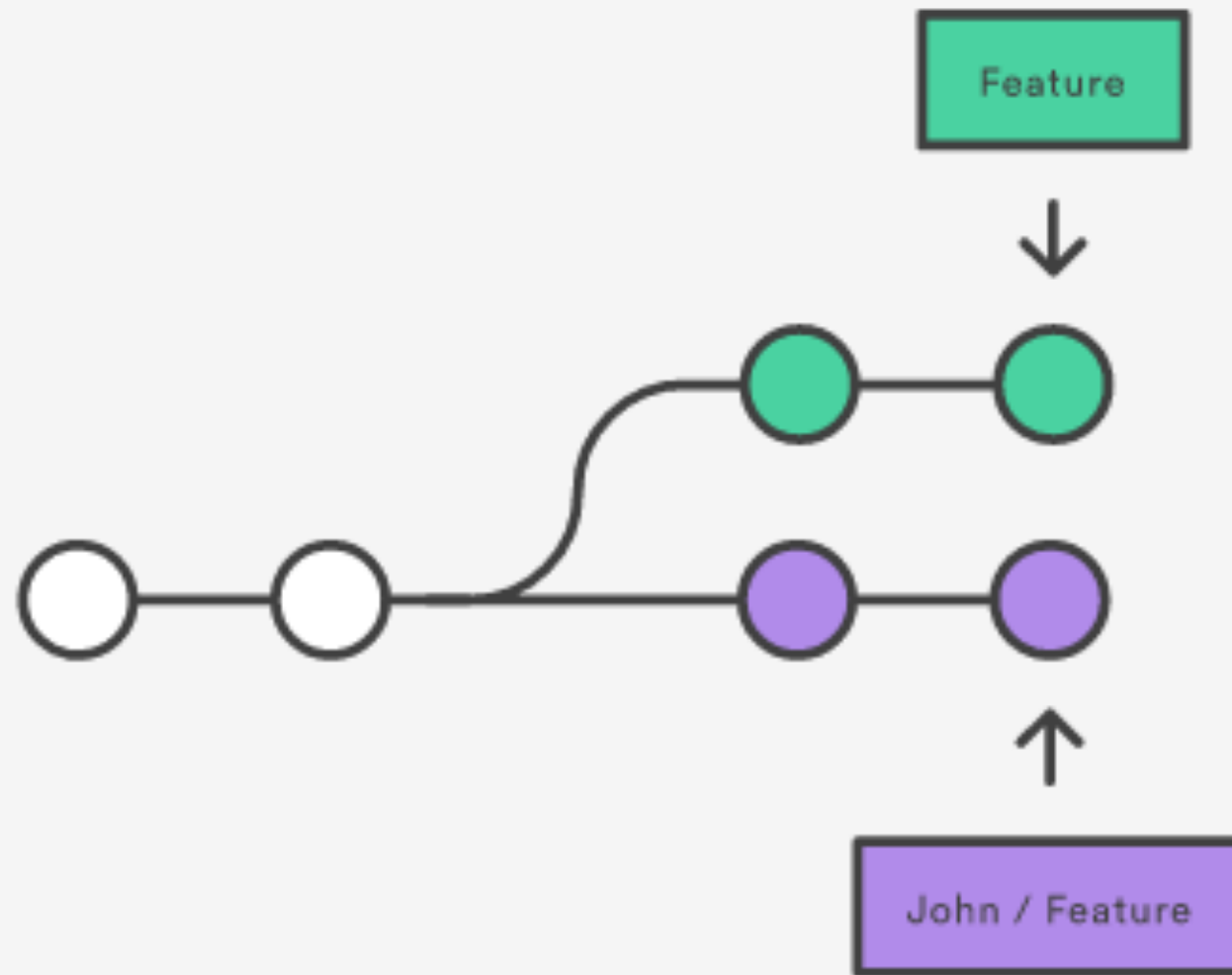
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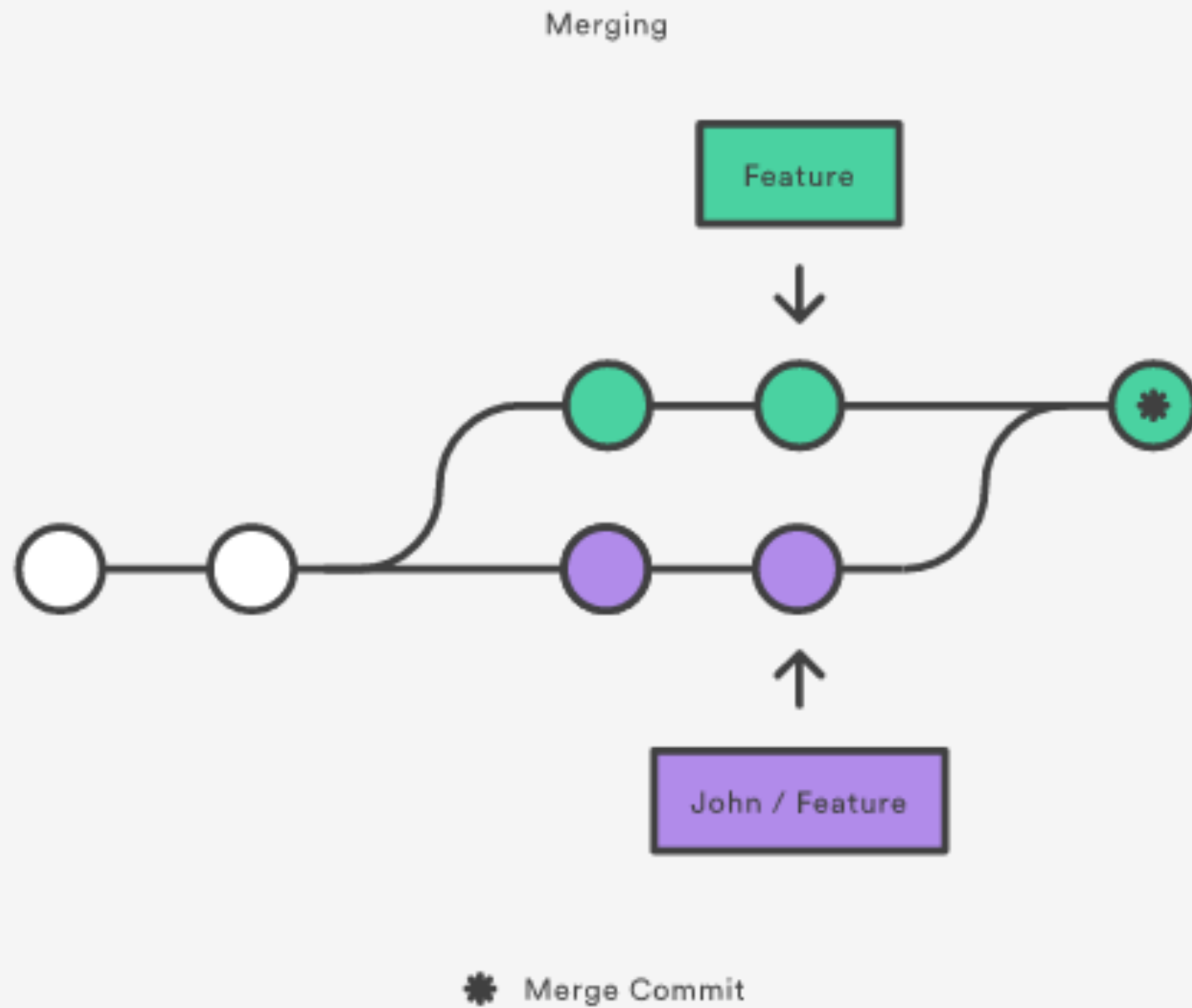
# The Golden Rule of Rebasing

Collaborating on the same feature branch

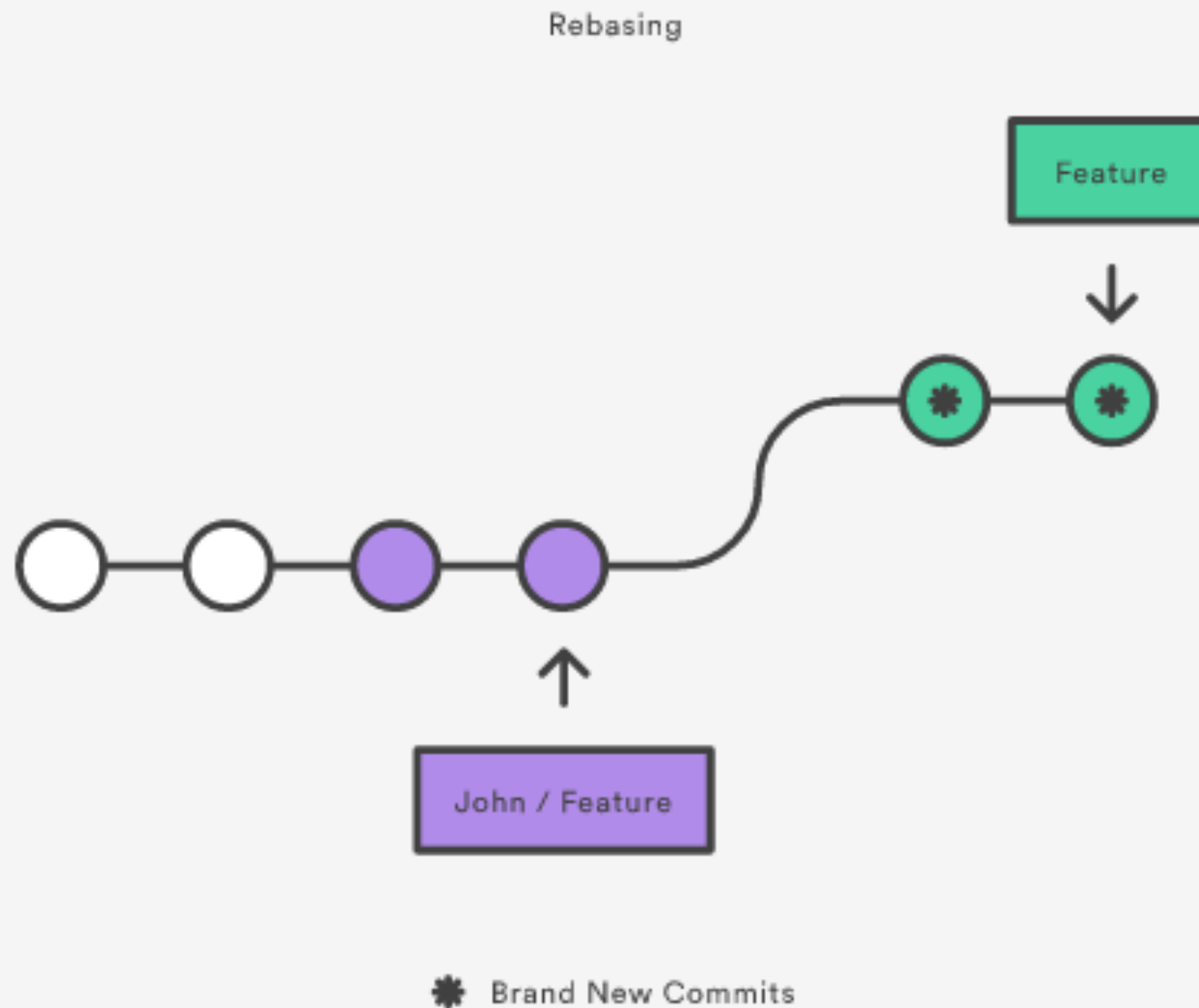


# git pull —merge

Merging vs. rebasing onto a remote branch



# git pull —rebase



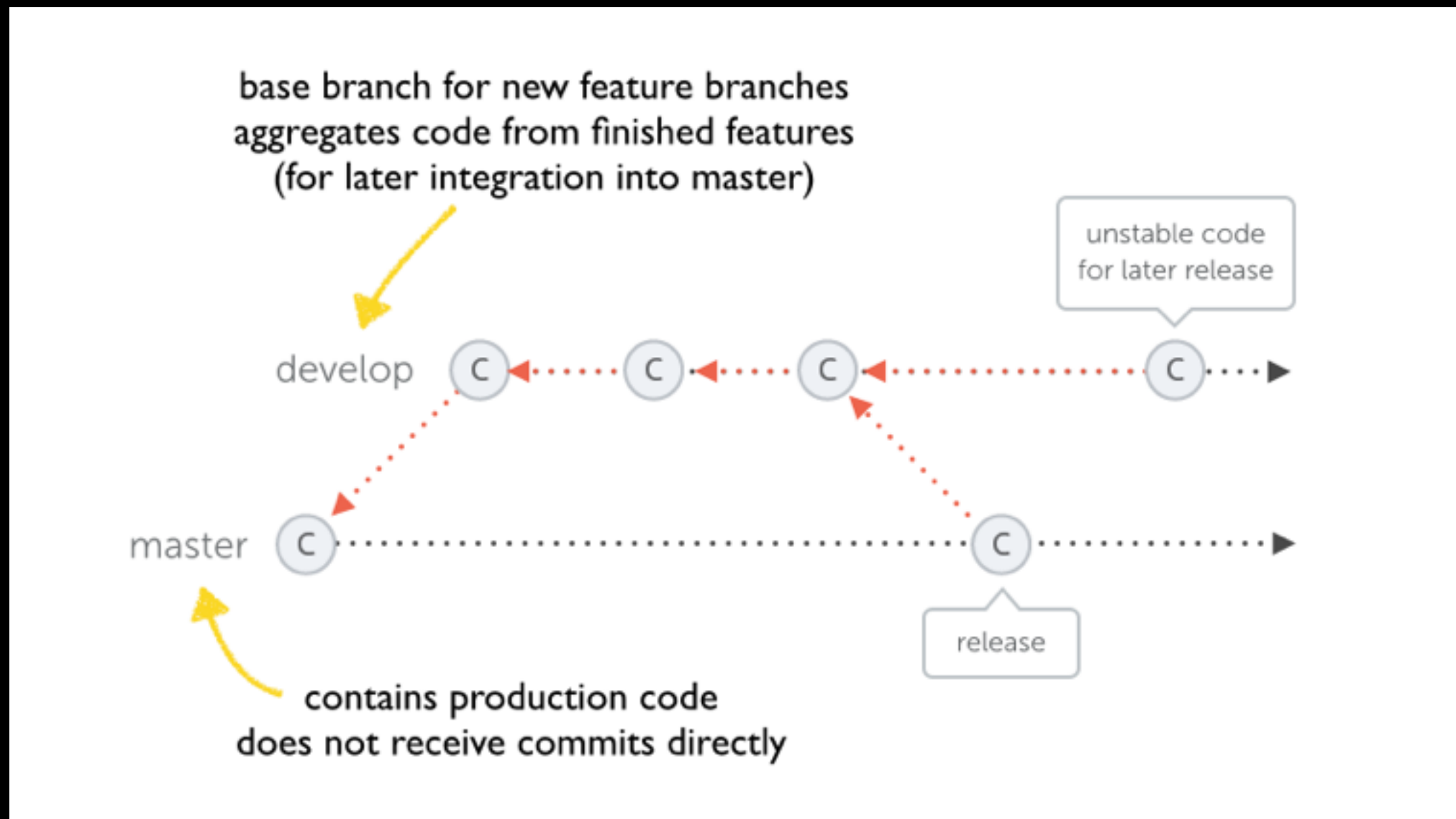
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# git-flow model

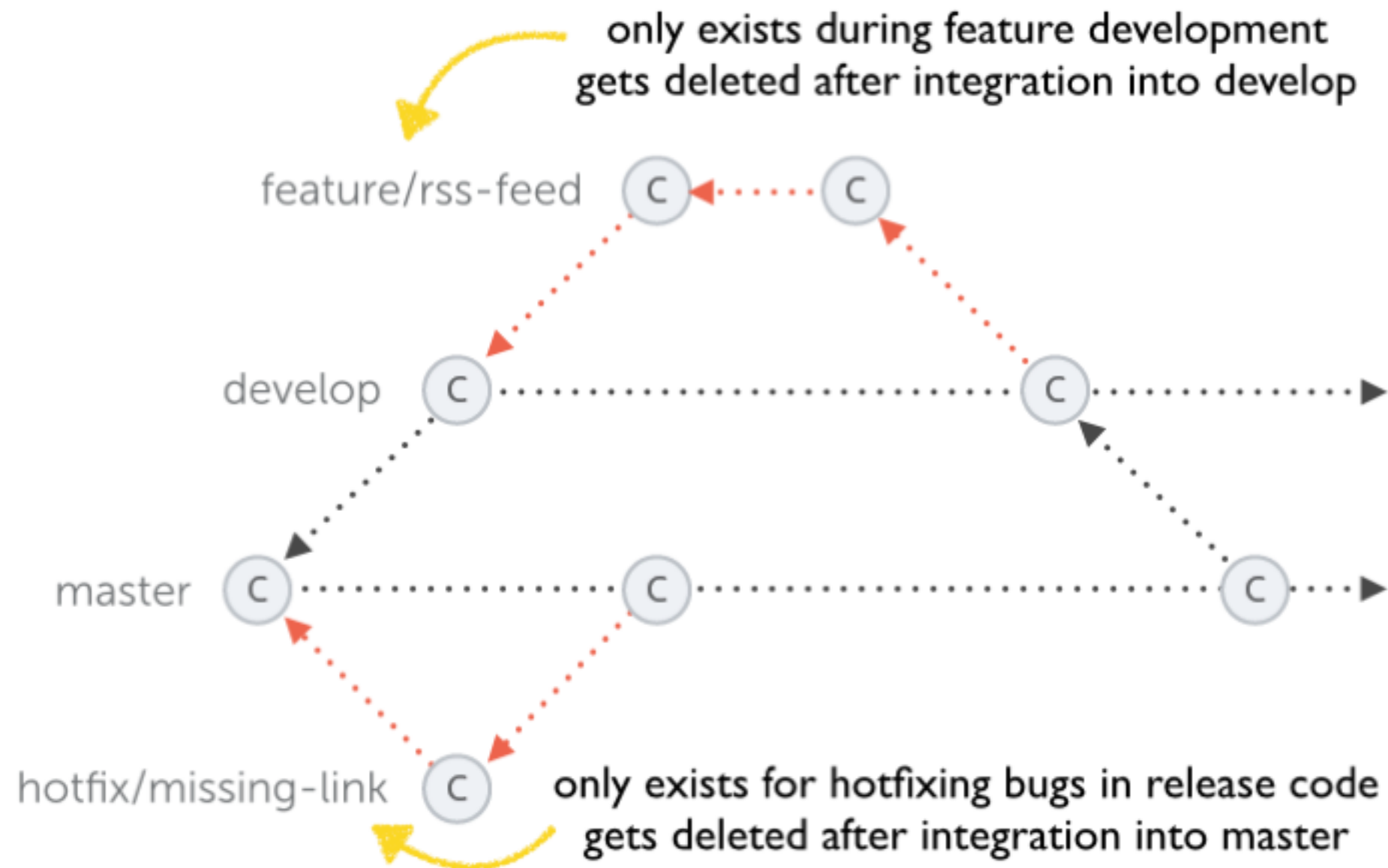
## long-running branch

- master: production code
- develop: a new feature branch will based on



# git-flow model

## topic branch



# Summary

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## More Information

<https://github.com/BaiduHiDeviOS/Git>



谢谢！