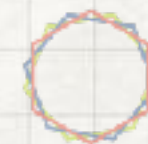


# GIT

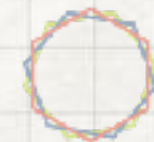
Htain Lin Shwe  
CEO  
COMQUAS Co., Ltd  
(UCSY 15th Batch)  
[htainlinshwe@comquas.com](mailto:htainlinshwe@comquas.com)



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# WHAT IS GIT ?



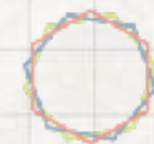
COMQUAS

# WHAT IS GIT

- distributed version control system
- for tracking changes in computer files
- coordinating work on those files among multiple people
- Git was created by Linus Torvalds in 2005



# WHY WE NEED GIT ?



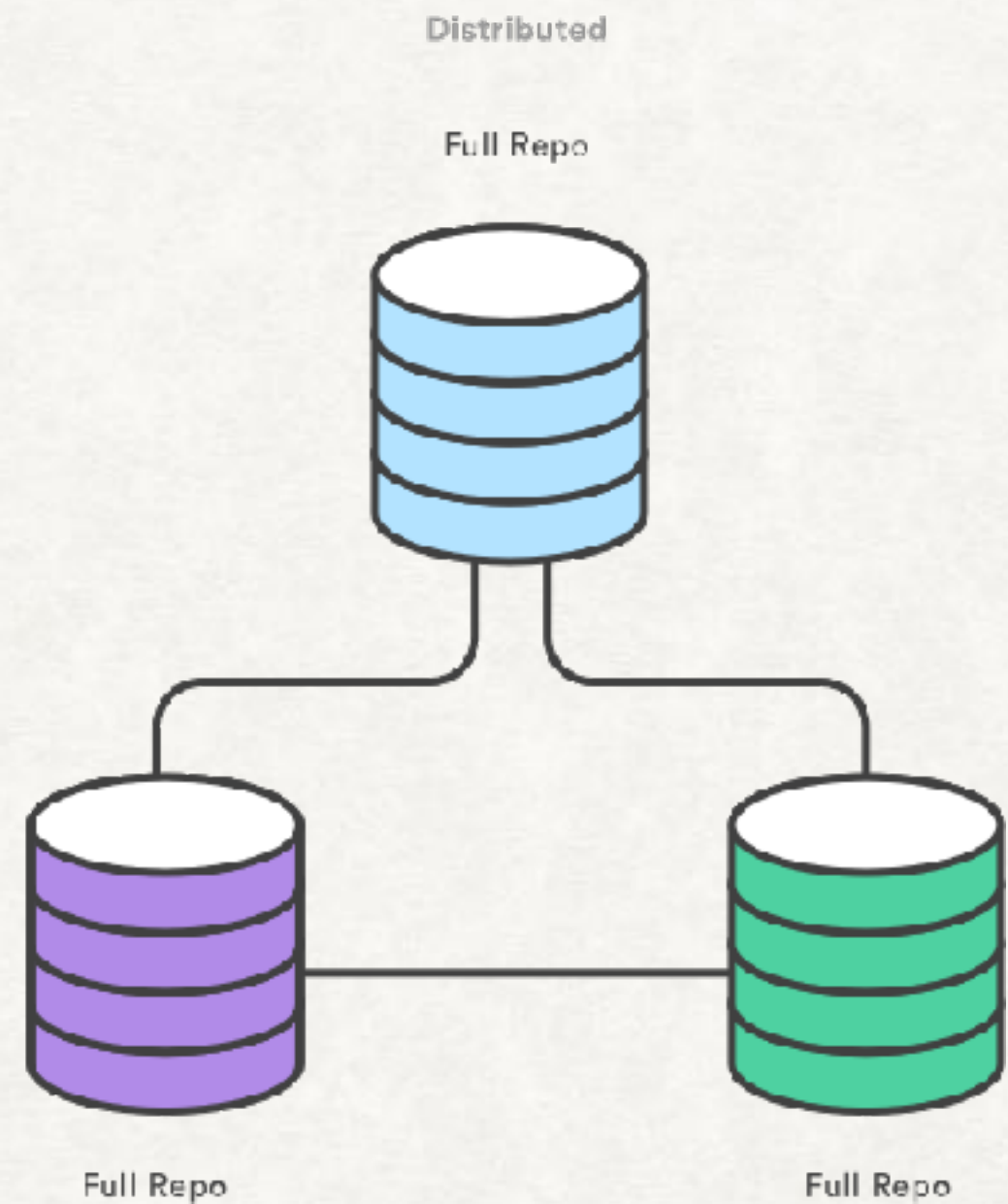
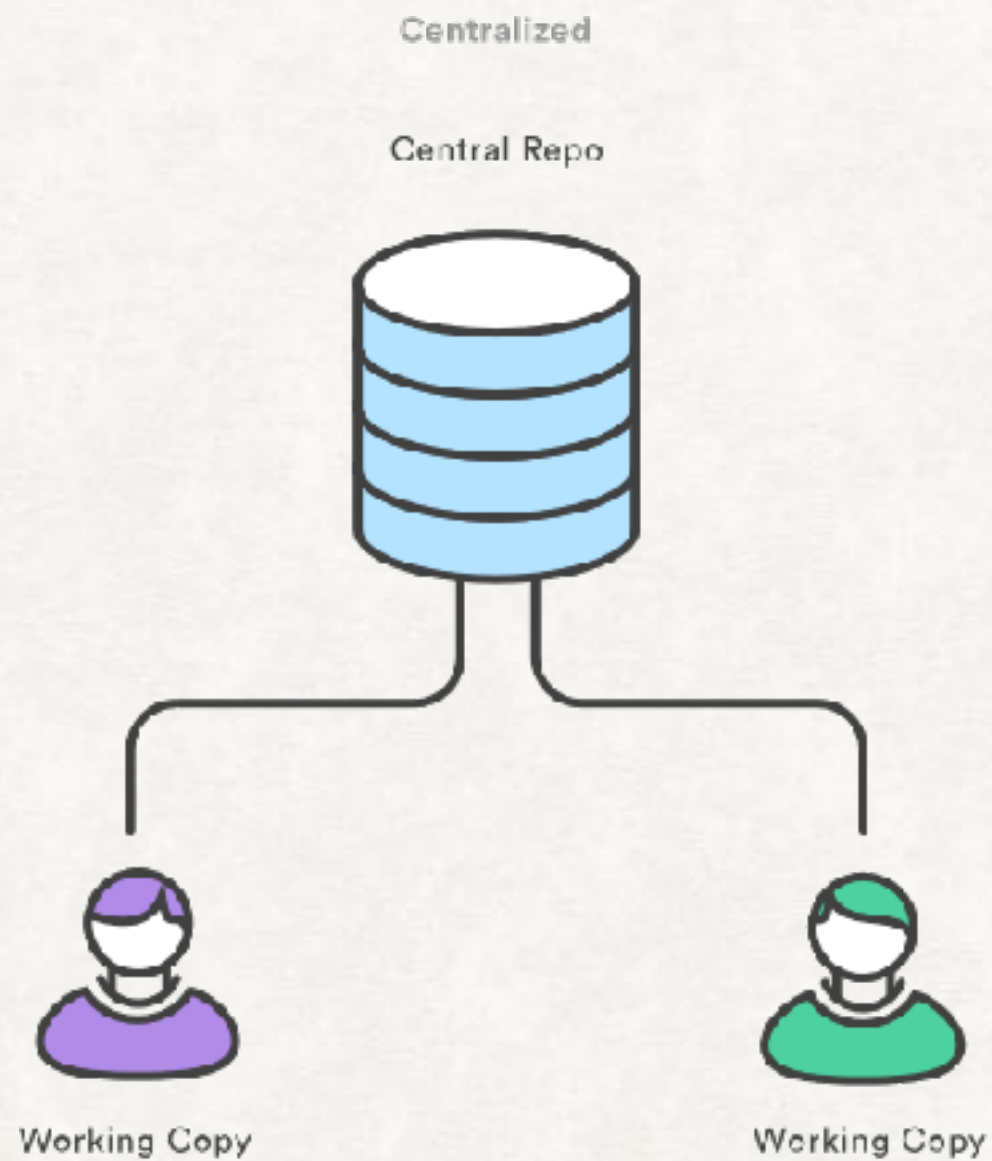
COMQUAS

# WHY WE NEED GIT ?

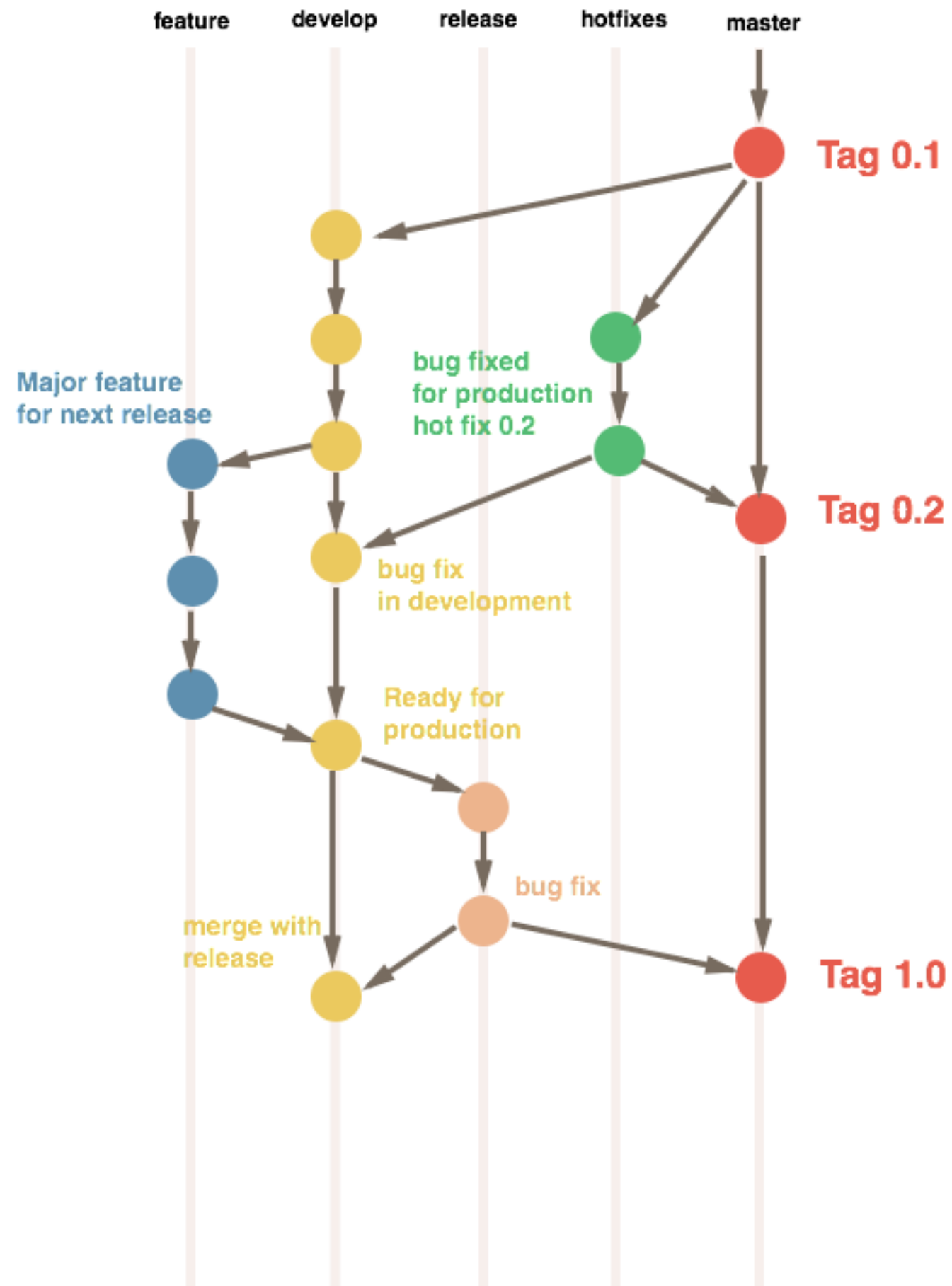
- Work with multiple people
- Work for different version
- Branching (master/dev/hot fix)
- Urgent bug fixed
- Code History
- Backup

# DISTRIBUTED DEVELOPMENT

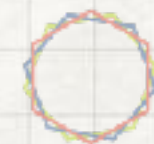
## IN YOUR LOCAL COMPUTER







# WHEN WE NEED GIT ?



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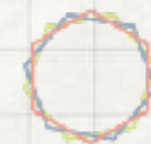


# WHEN WE NEED GIT ?

## NOW

- All the codes should be on git repo
- Need to commit before major changes
- Need to commit after major changes
- pull before starting
- push after commit
- Tag it after release
- use dev branch when on development

REPO ?  
COMMIT ?  
TAG?  
PUSH ?  
PULL ?



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# REPO

## REPOSITORY

- Storage Place
- Git URL to push and pull
- <https://saturngod@gitlab.com/comquas/awesomeProject.git>





# COMMIT LIKE HISTORY


- All the changes with description
- Can check who changes the codes

master

ornagai\_IOS

Filter by commit message

02 May, 2017 2 commits



**update firebase**  
Htain Lin Shwe committed 2 weeks ago

 **98f87390** [Browse Files](#)



**add history and favourite.**  
Htain Lin Shwe committed 2 weeks ago

 **568e13da** [Browse Files](#)

30 Nov, 2016 1 commit



**mostly done fav feature. only left search for fav**  
Htain Lin Shwe committed 5 months ago

 **ab9b4e36** [Browse Files](#)

# TAG

## SAVING POINT

- A lot of commit , not easy to find
- Want to put the label for commit, use the tag

🔑 v2.7.0

🔗 [cd4acbf4](#) · -Ads in browseDetailVC · 4 days ago

🔑 v2.6.2

🔗 [2f48d76b](#) · fixed for apple watch · 6 months ago



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# PUSH

UPLOAD YOUR CHANGES

- Push to the git repo
- All the commit will upload to git repo



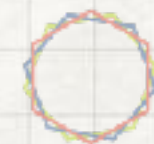
# PULL

## MERGE WITH CHANGES

- Download other people code
- merge it with your current code
- before pull , need to commit your current code

# HOW TO USE GIT

## ?



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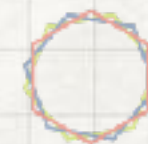
# HOW TO USE GIT ?

## TIME TO USE GIT

- Need the git repo
- Can get free at Github , Gitlab and Bitbucket
- Create Account
- Create Repo

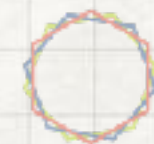


# DEMO



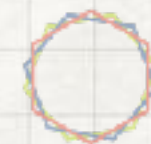
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I DON'T LIKE  
COMMAND LINE



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# USE GIT CLIENT APP



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# CLIENT APP

## GUI CLIENT FOR GIT

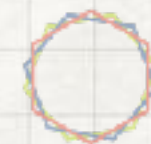
- source tree (recommmend) (windows,mac,linux)
- gitkraken (windows,mac,linux)
- Tower (mac)
- TortoiseGit (windows)

# OTHER

## LEARN MORE

- <https://try.github.io/>
- <https://www.atlassian.com/git/tutorials>
- <https://docs.gitlab.com/ce/gitlab-basics/start-using-git.html>

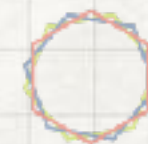
# QUESTION ?



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# THANKS



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