



# AAE2004 Introduction to Aviation Systems AAE Design of Path Planning Algorithm for Aircraft Operation

Introduction to GitHub Collaboration

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Assisted by

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Mutual editing on a document with collaborators remotely?

acceptance	26/3/2021 11:58 AM	File folder	
🛃 final submission	2/8/2021 11:38 AM	File folder	
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Download files from various channels, such as mail, whatsapp, etc?

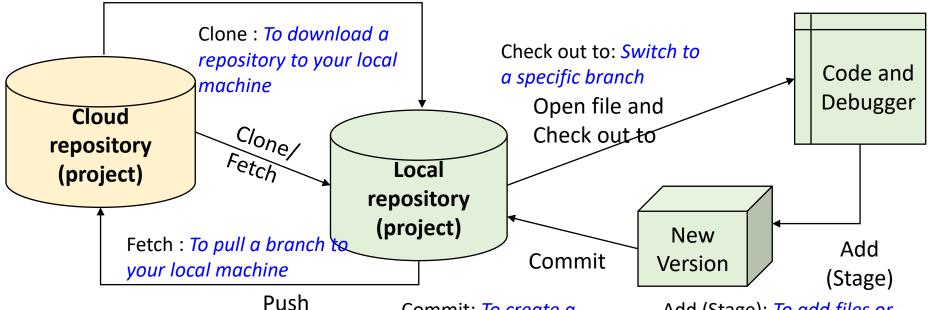
Can we edit the documents online? Google, Microsoft has the solutions!

Can we edit the "code" online?

# Archive your coding online (in the cloud)

Pull: To update local branch with remote, update all remote tracking branches

Video: VSC-Git Basic Operations



Pus

Push: To upload the commit made on a local branch to GitHub

Pull

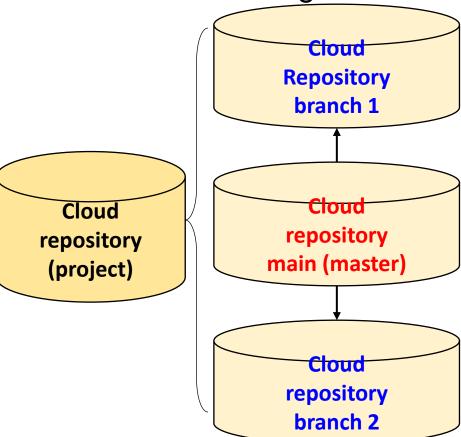
Commit: To create a snapshot of the repository

Add (Stage): To add files or segments in the next commit





### Collaborative coding online – Generate Branch (Member)

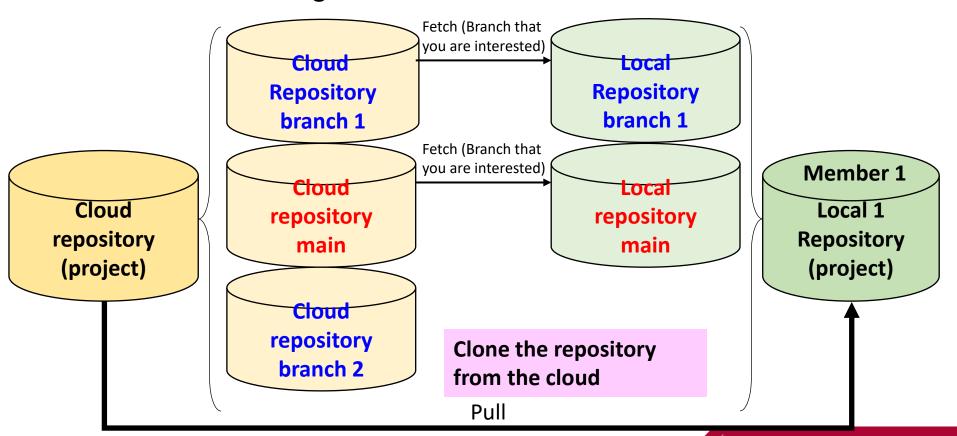


To generate a branch for different member that participant the project, creating a contained area of your repository to develop features, fix bugs and more.





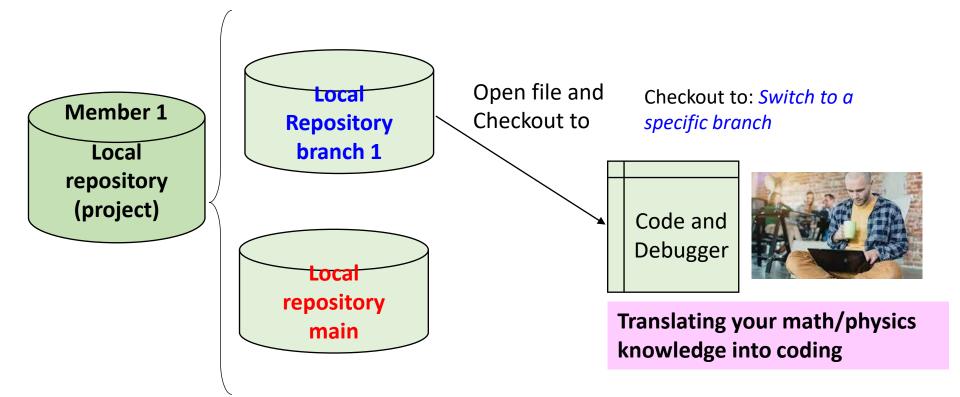
#### Collaborative coding online – Fetch/Pull Branch from Cloud







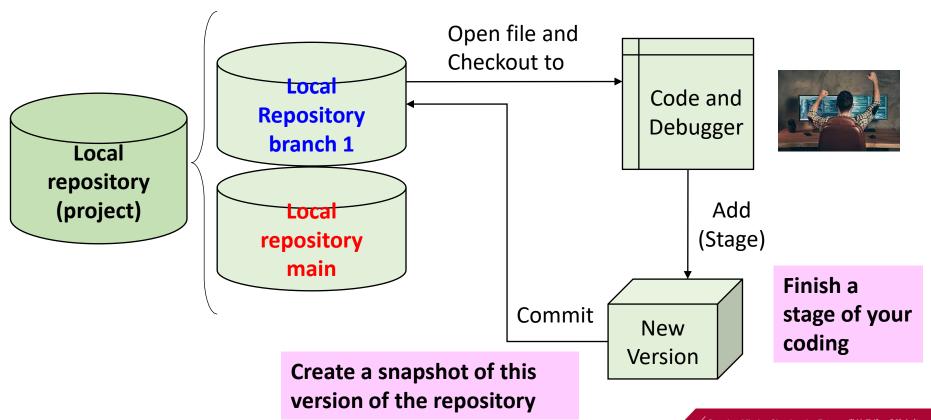
## Collaborative coding online – Edit the code in the local computer







## Collaborative coding online – Edit the code in the local computer

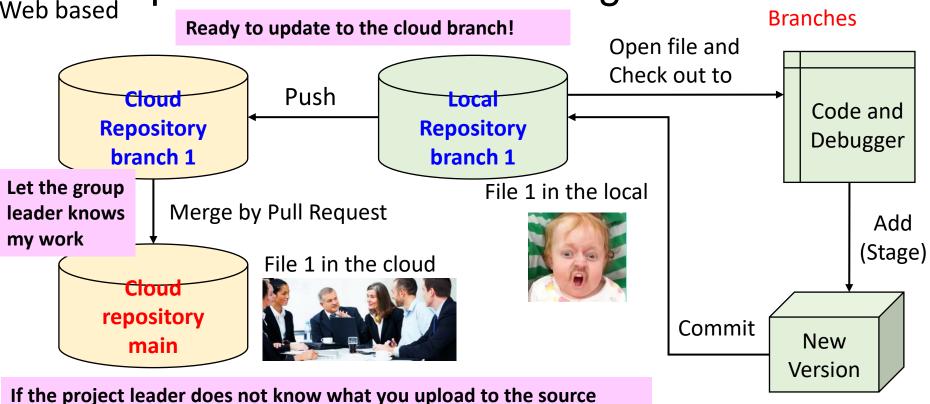




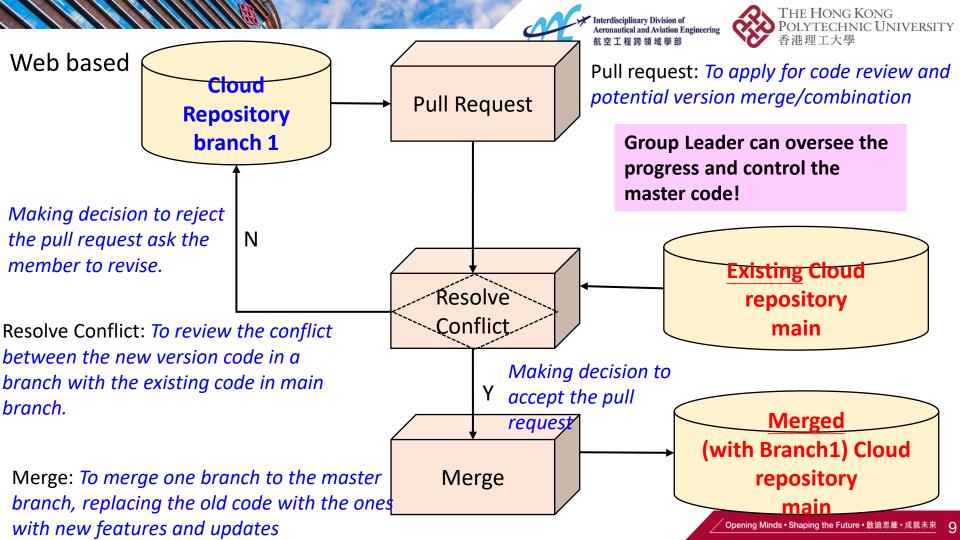


Video: VSC-Git

Concept of collaborative coding online
Web based

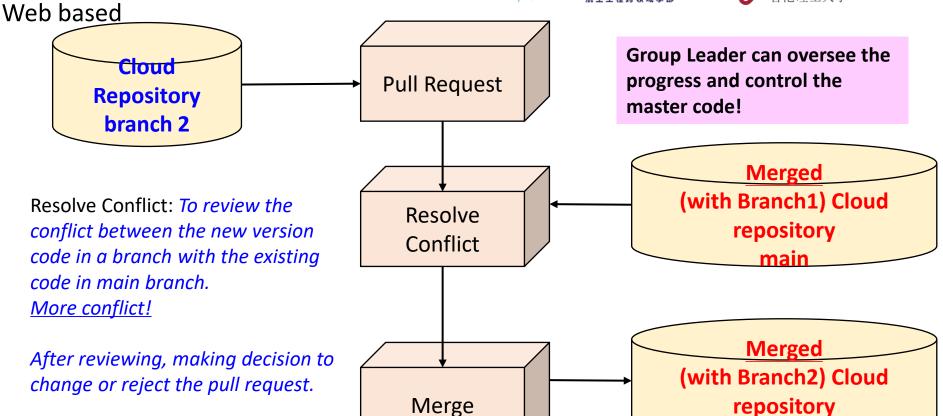


code, you will create a lot of confusions!









main

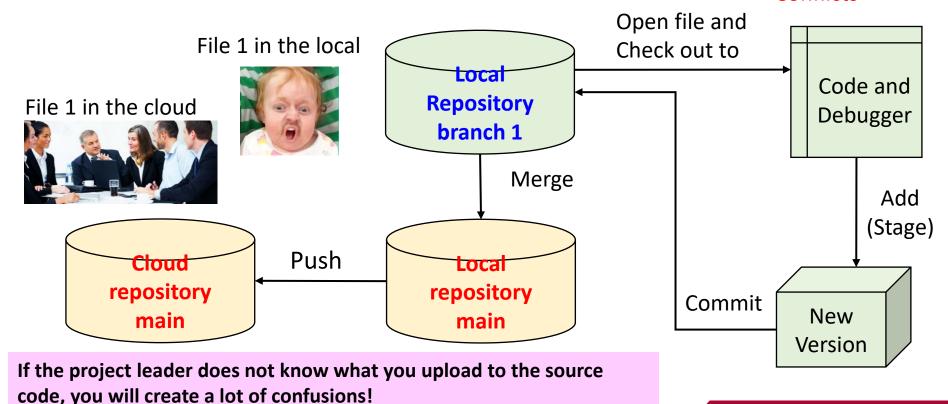




# Concept of collaborative coding online

VS code based

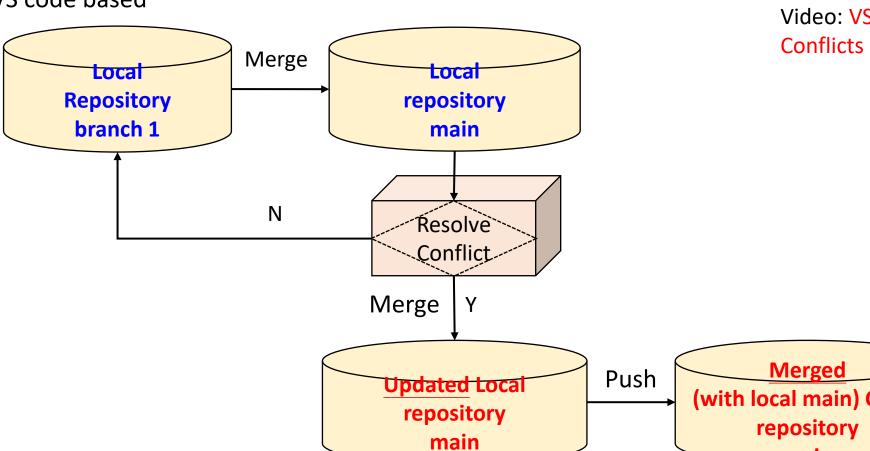
Video: VSC Git Conflicts











Video: VSC Git

(with local main) Cloud