



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

Week 3: 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	
J ieee_taes_novatel_heatmap	29/7/2020 2:44 PM	File folder	
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Article Processing Charges.pdf	19/4/2021 9:33 AM	Adobe Acrobat D	118 KB
cover letter.docx	28/7/2020 12:26 PM	Microsoft Word D	17 KB
🕵 figure.pptx	22/6/2020 11:11 AM	Microsoft PowerP	7,122 KB
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Download files from various channels, such as mail, whatsapp, etc?

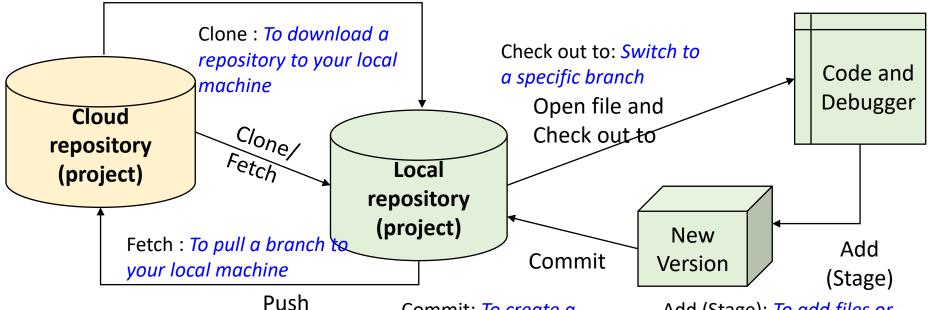
Can we edit the documents online? Google, Microsoft has the solutions!

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

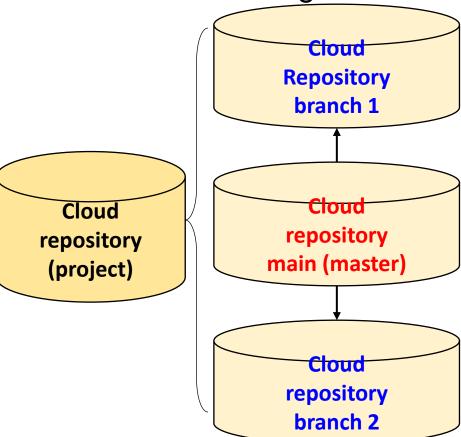
Commit: To create a snapshot of the repository

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





Collaborative coding online – Generate Branch (Member)

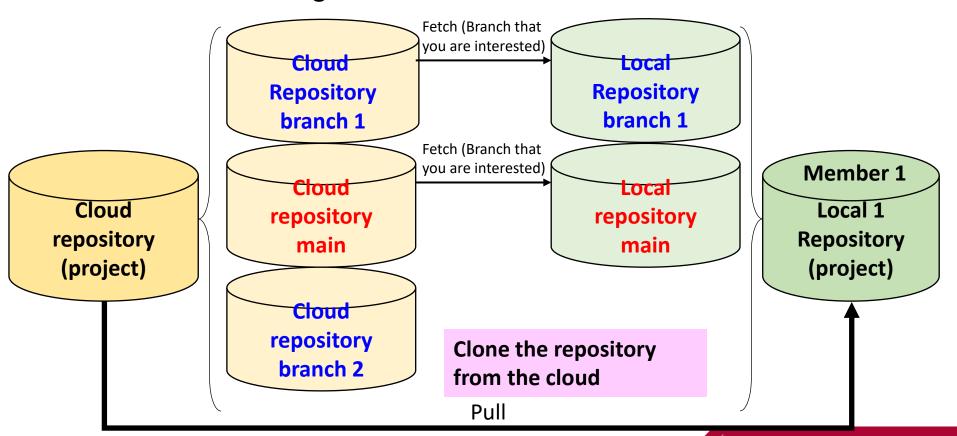


To generate a branch for different member that participant the project, creating a contained area of your repository to develop features, fix bugs and more.





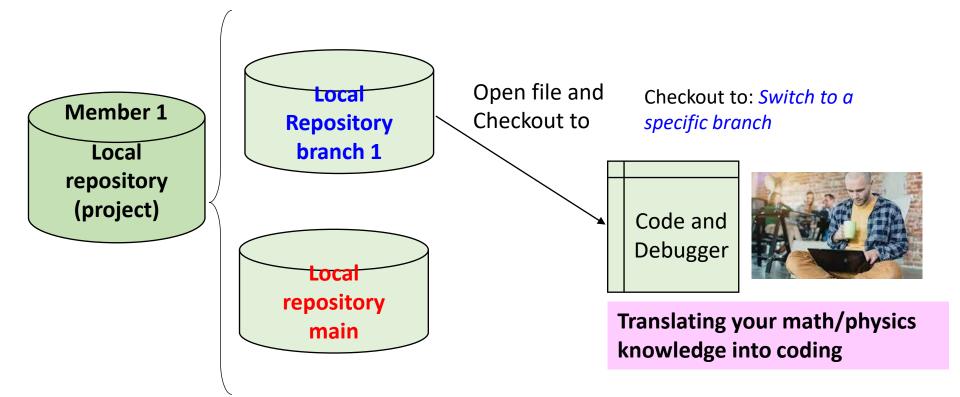
Collaborative coding online – Fetch/Pull Branch from Cloud







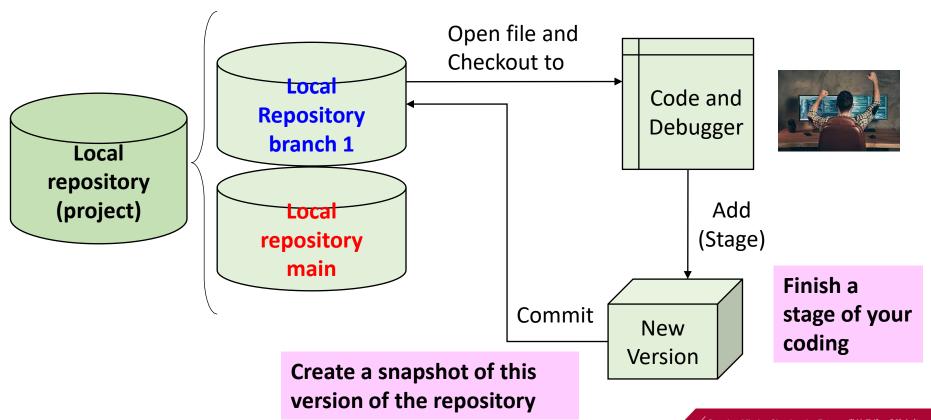
Collaborative coding online – Edit the code in the local computer







Collaborative coding online – Edit the code in the local computer

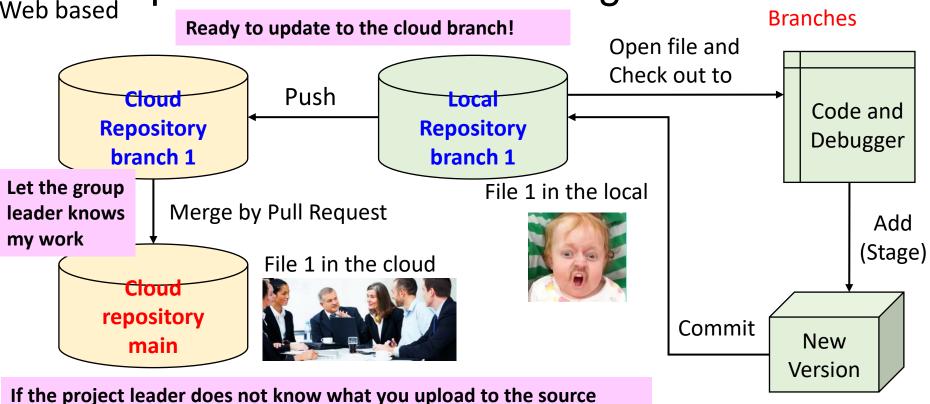




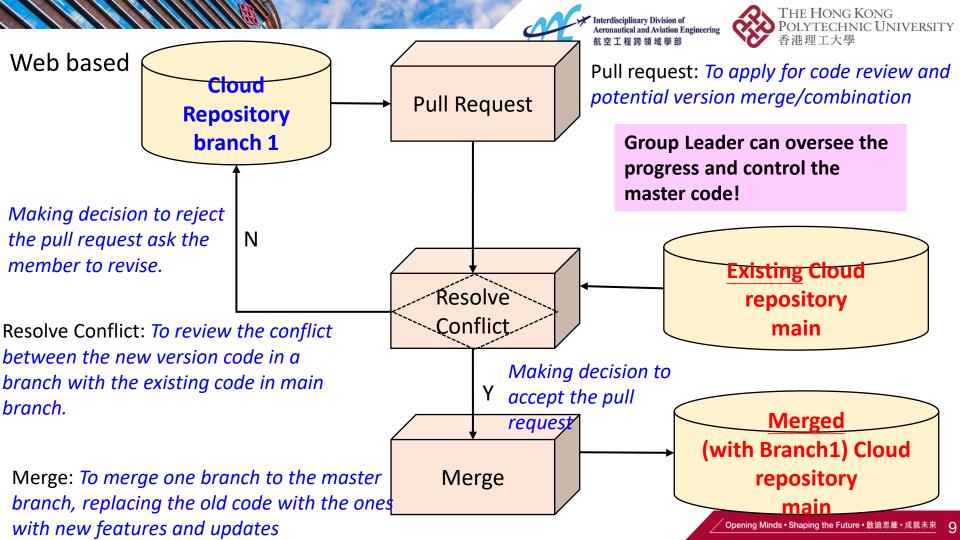


Video: VSC-Git

Concept of collaborative coding online
Web based

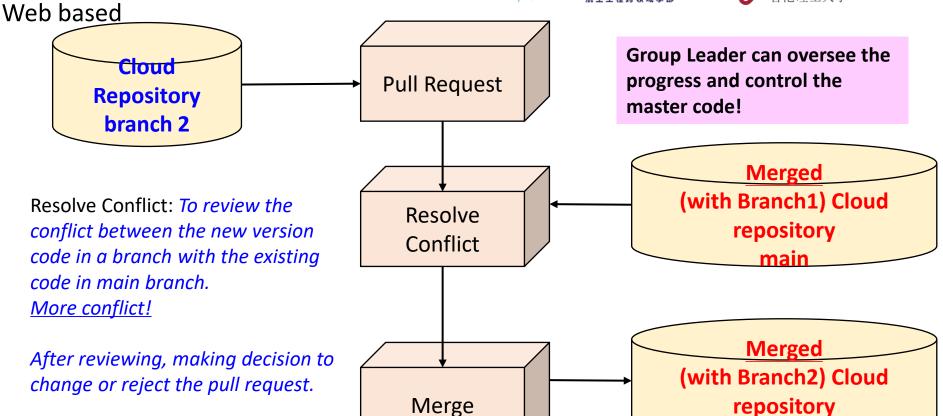


code, you will create a lot of confusions!









main

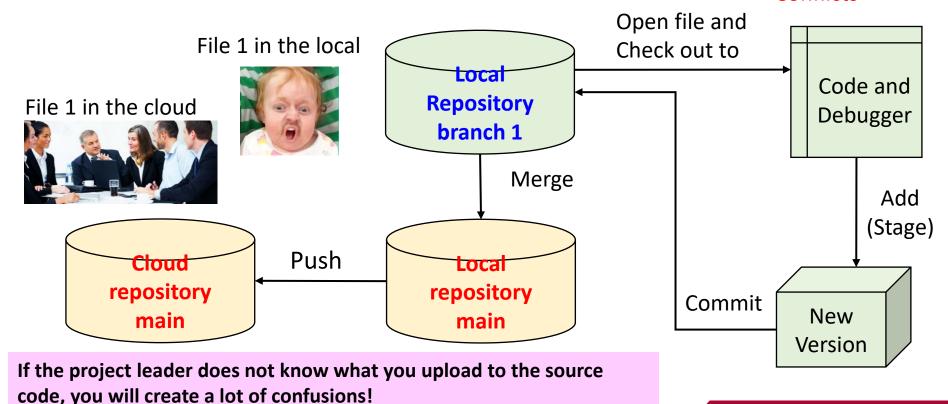




Concept of collaborative coding online

VS code based

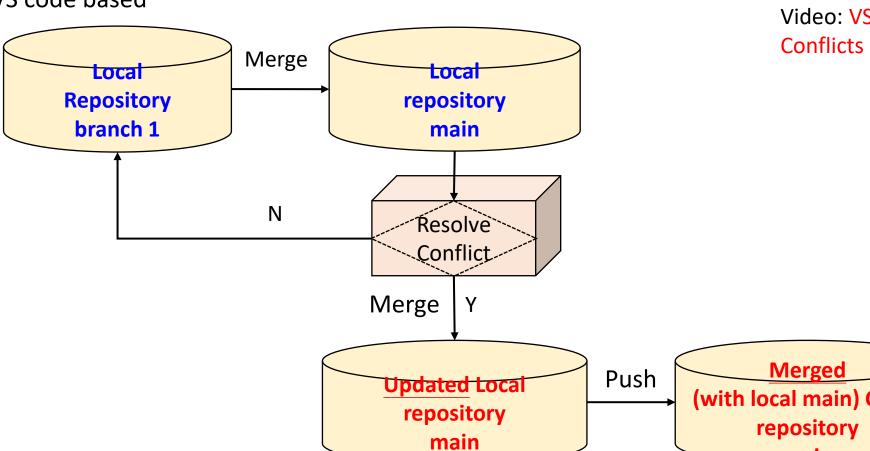
Video: VSC Git Conflicts











Video: VSC Git

(with local main) Cloud