

Teamwork With GitHub for Windows

Collaborating with teams on GitHub

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Brendan.Enrick.com



pluralsight 
hardcore developer training

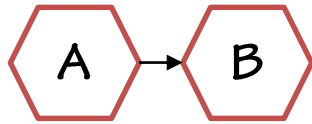
Outline

- **Merging and Rebasing**
- **Branching and Merging Branches**
- **Stashing changes**
- **Resolving Conflicts**
- **Checking in and out with .gitattributes files**

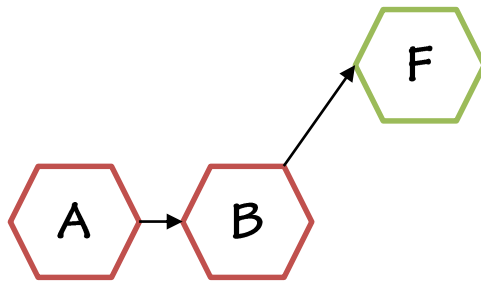
Merging and Rebasing

Merging Example

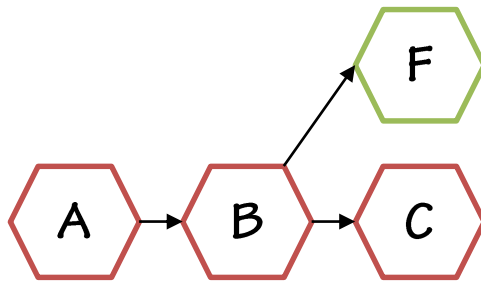
Merging Example



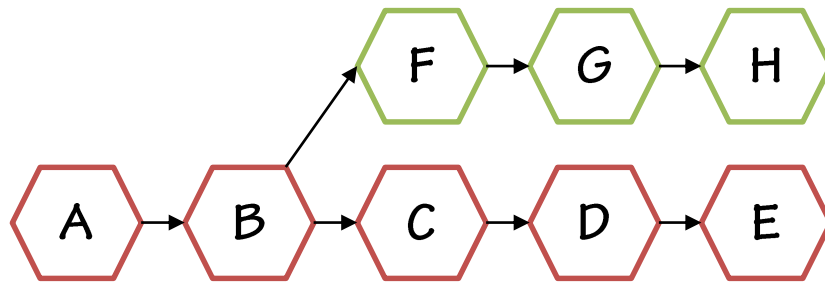
Merging Example



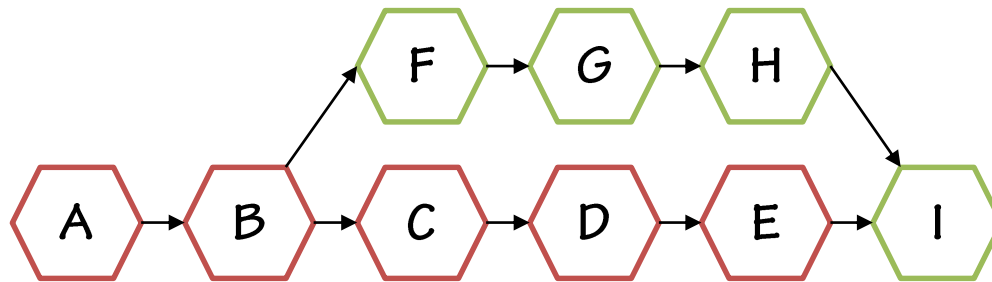
Merging Example



Merging Example

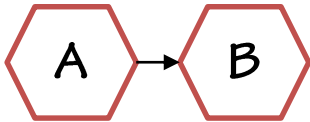


Merging Example

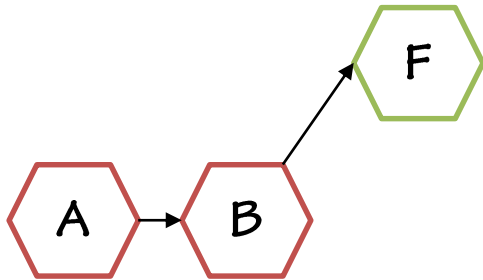


Rebasing Example 1

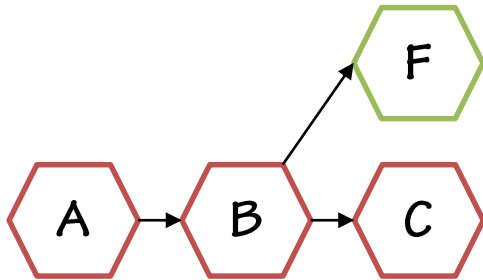
Rebasing Example 1



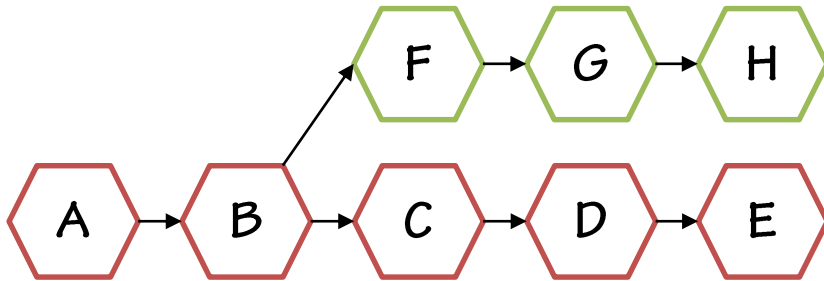
Rebasing Example 1



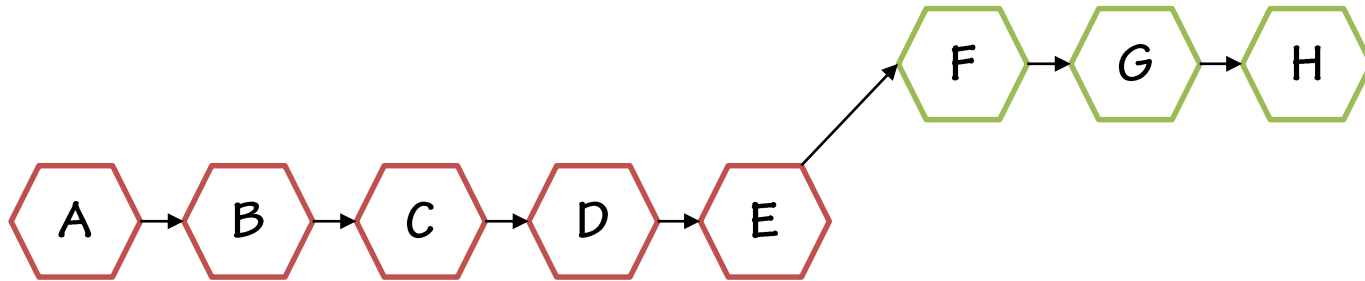
Rebasing Example 1



Rebasing Example 1

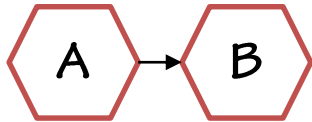


Rebasing Example 1

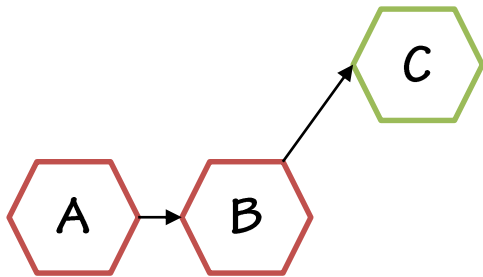


Rebasing Example 2

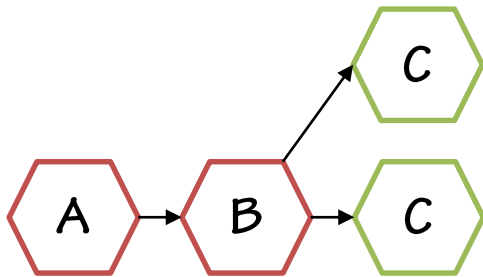
Rebasing Example 2



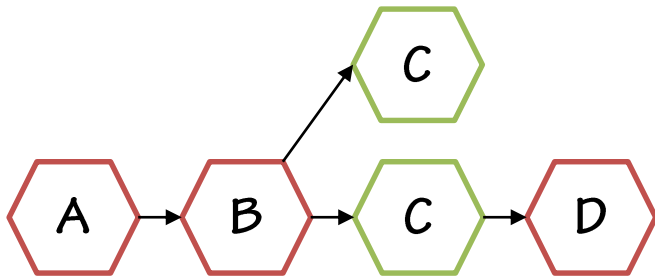
Rebasing Example 2



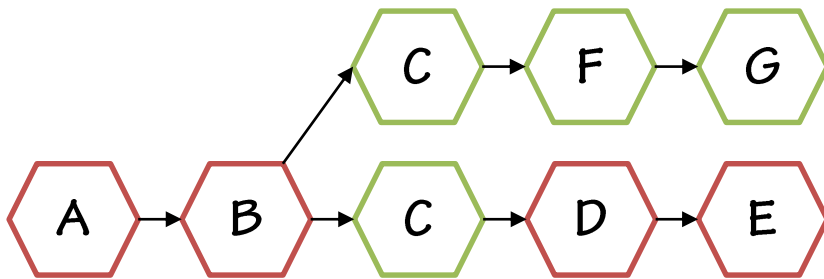
Rebasing Example 2



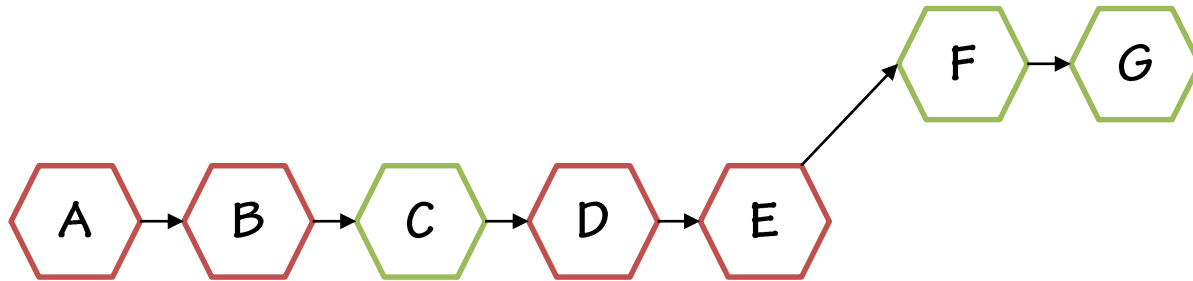
Rebasing Example 2



Rebasing Example 2

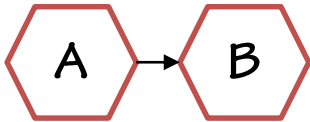


Rebasing Example 2



Dangerous Rebase Example

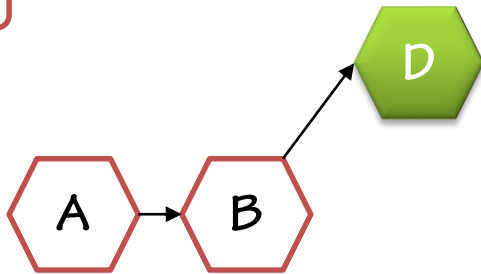
Dangerous Rebase Example



Dangerous Rebase Example

You

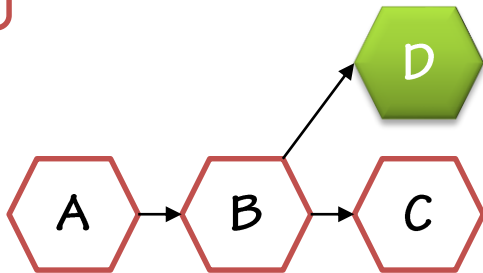
Team



Dangerous Rebase Example

You

Team

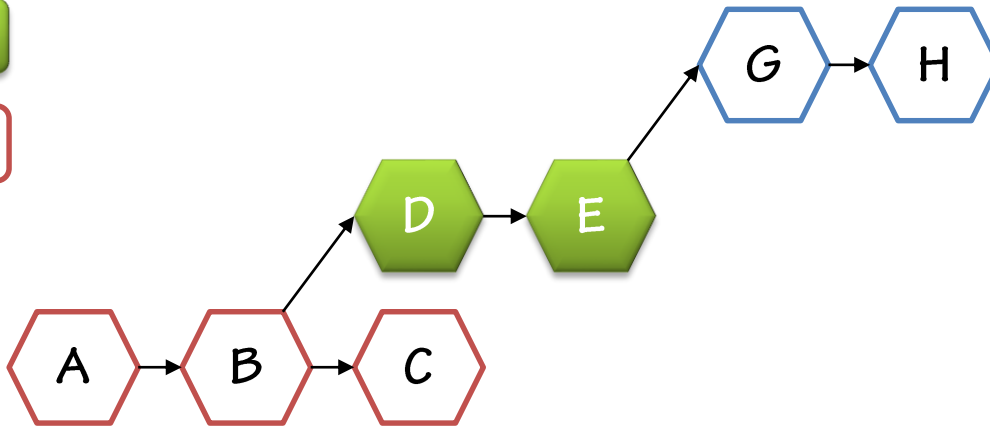


Dangerous Rebase Example

Someone

You

Team

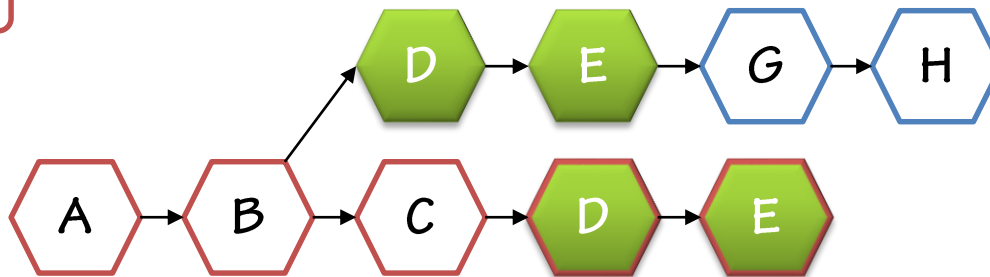


Dangerous Rebase Example

Someone

You

Team

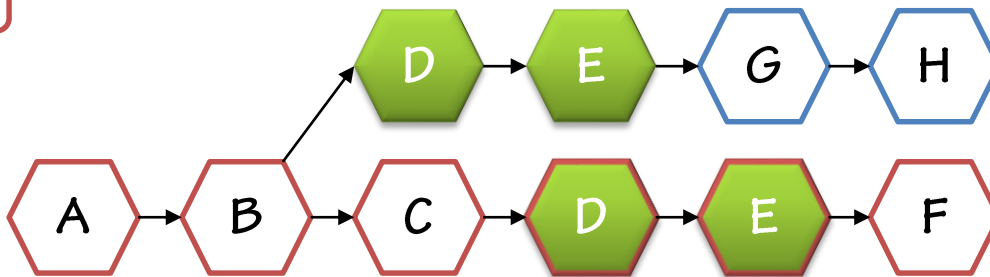


Dangerous Rebase Example

Someone

You

Team

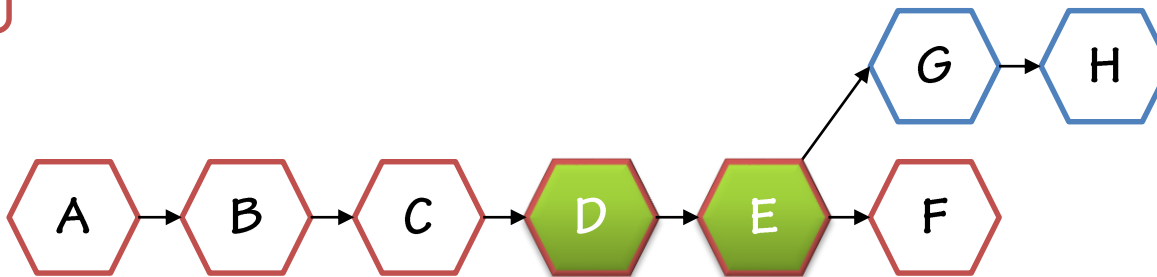


Dangerous Rebase Example

Someone

You

Team

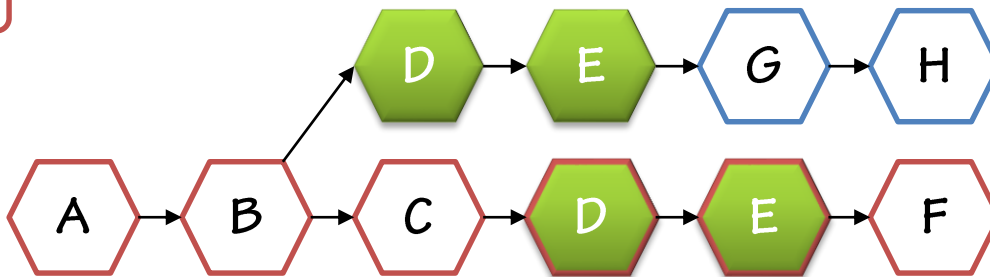


Dangerous Rebase Example

Someone

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Team

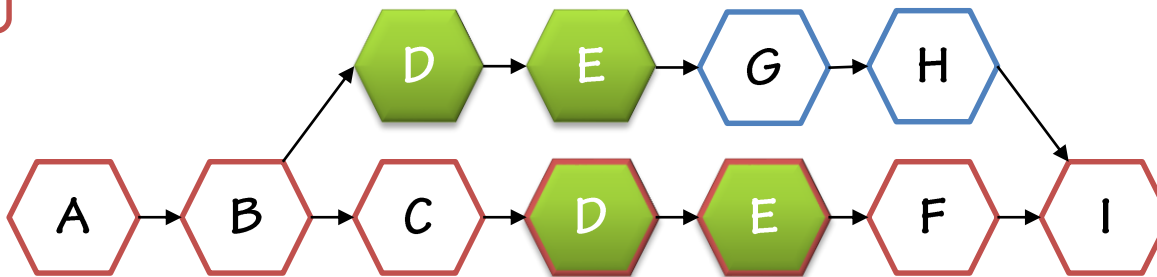


Dangerous Rebase Example

Someone

You

Team



Disclaimer

Good and Bad are subjective. Please consider the examples and how they apply in your scenario.

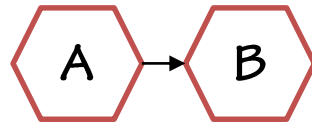
3 Common Rules of Rebasing

- 1. Never Rebase after Pushing a Branch**
- 2. Never Rebase after Commits use your Branch**
- 3. Never Rebase after Pulling someone else's Branch**

Good Rebase Example

Good Rebase Example

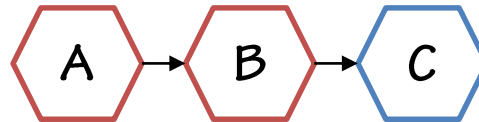
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Good Rebase Example

Steve

Team

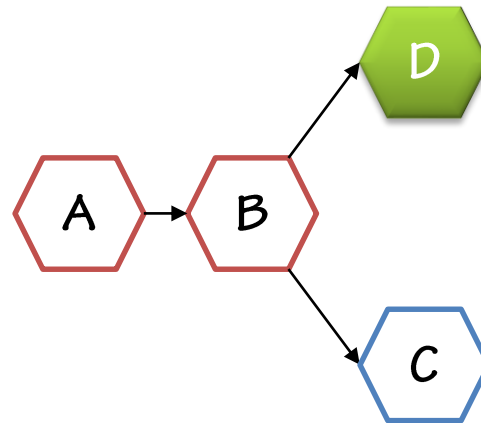


Good Rebase Example

Steve

Brendan

Team

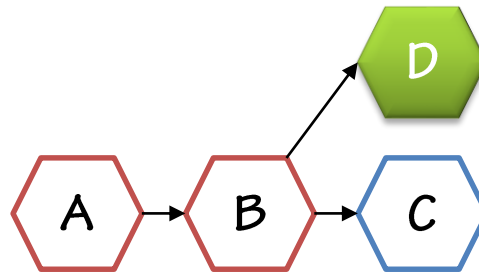


Good Rebase Example

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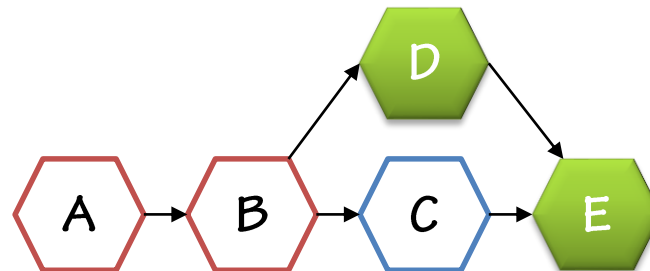


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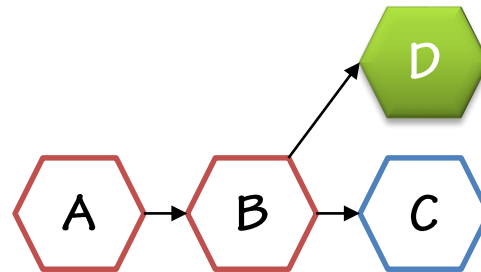


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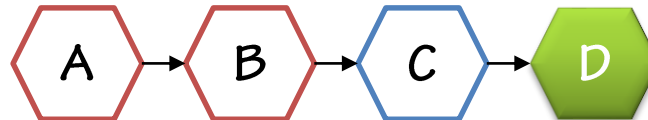


Good Rebase Example

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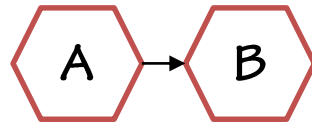
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Good Merge Examples

Good Merge Example 1

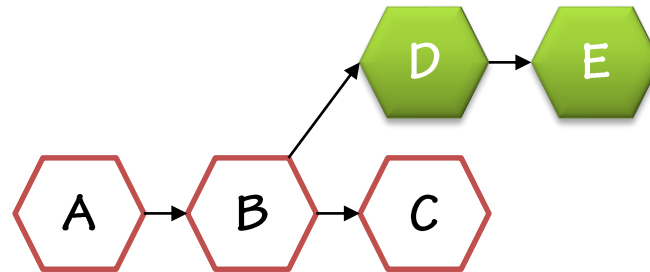
Team



Good Merge Example 1

Feature

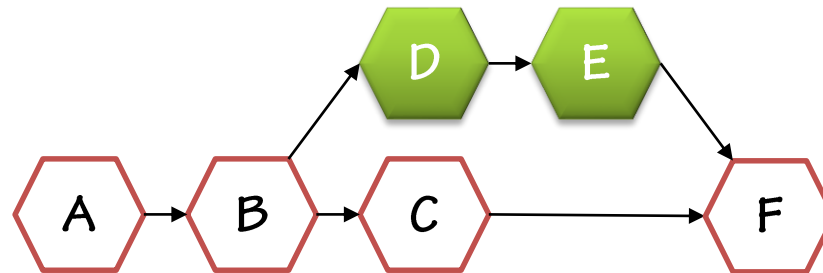
Team



Good Merge Example 1

Feature

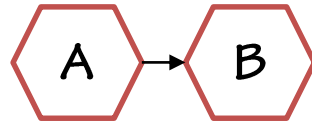
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Good Merge Example 2

Feature

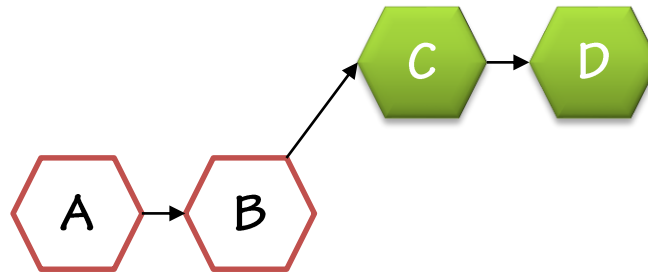
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Good Merge Example 2

Feature

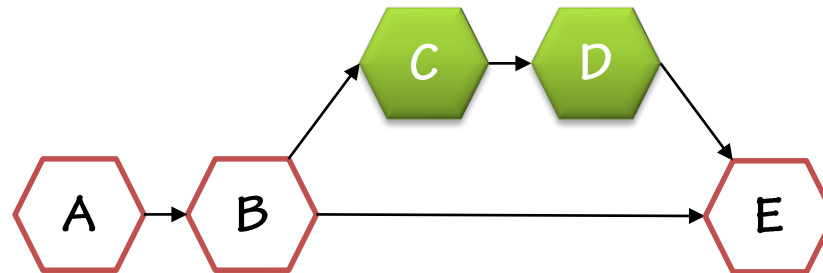
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Good Merge Example 2

Feature

Team



Branching and Merging Branches

Stashing changes

Resolving Conflicts

Checking in and out with .gitattributes files

Summary

- **Merging and Rebasing**
- **Stashing Changes**
- **Resolving Conflicts**
- **.gitattributes files**