

Git

In Practice



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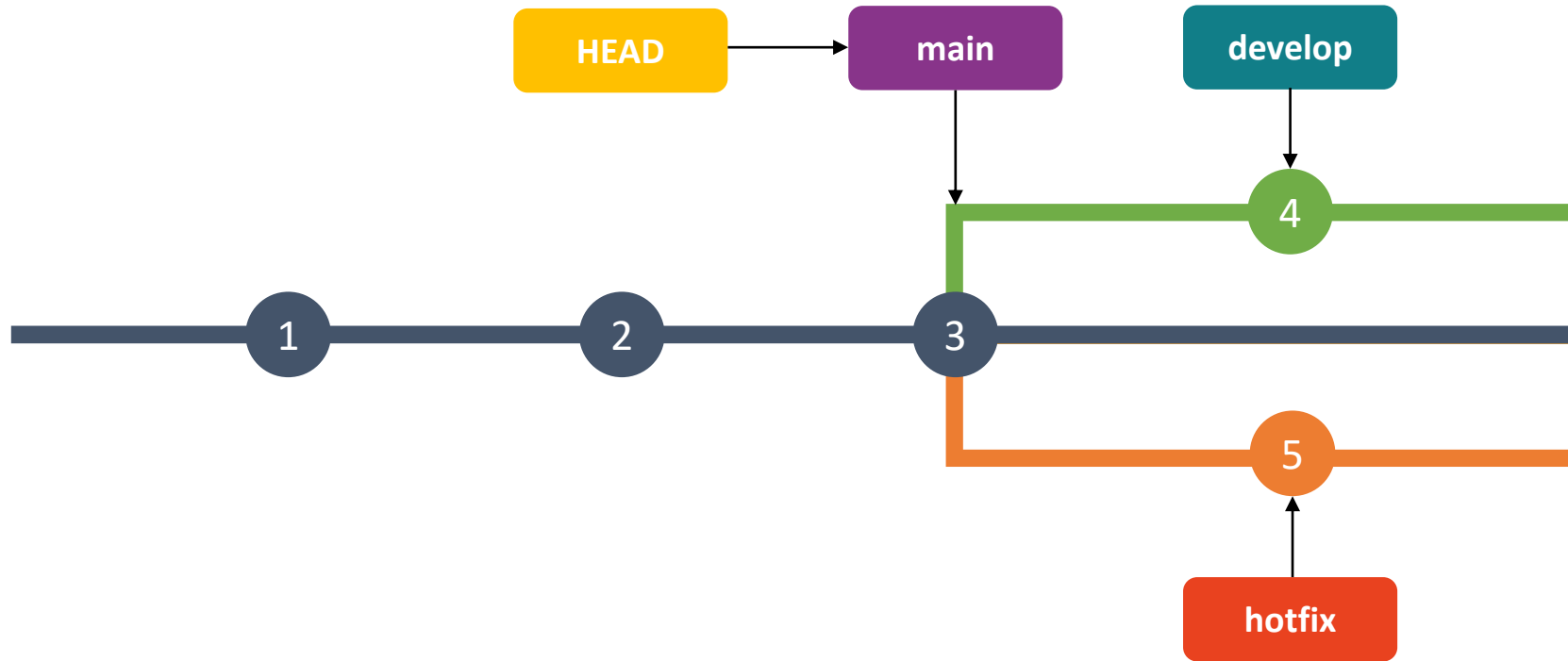
1

Recursive Merge
without conflict

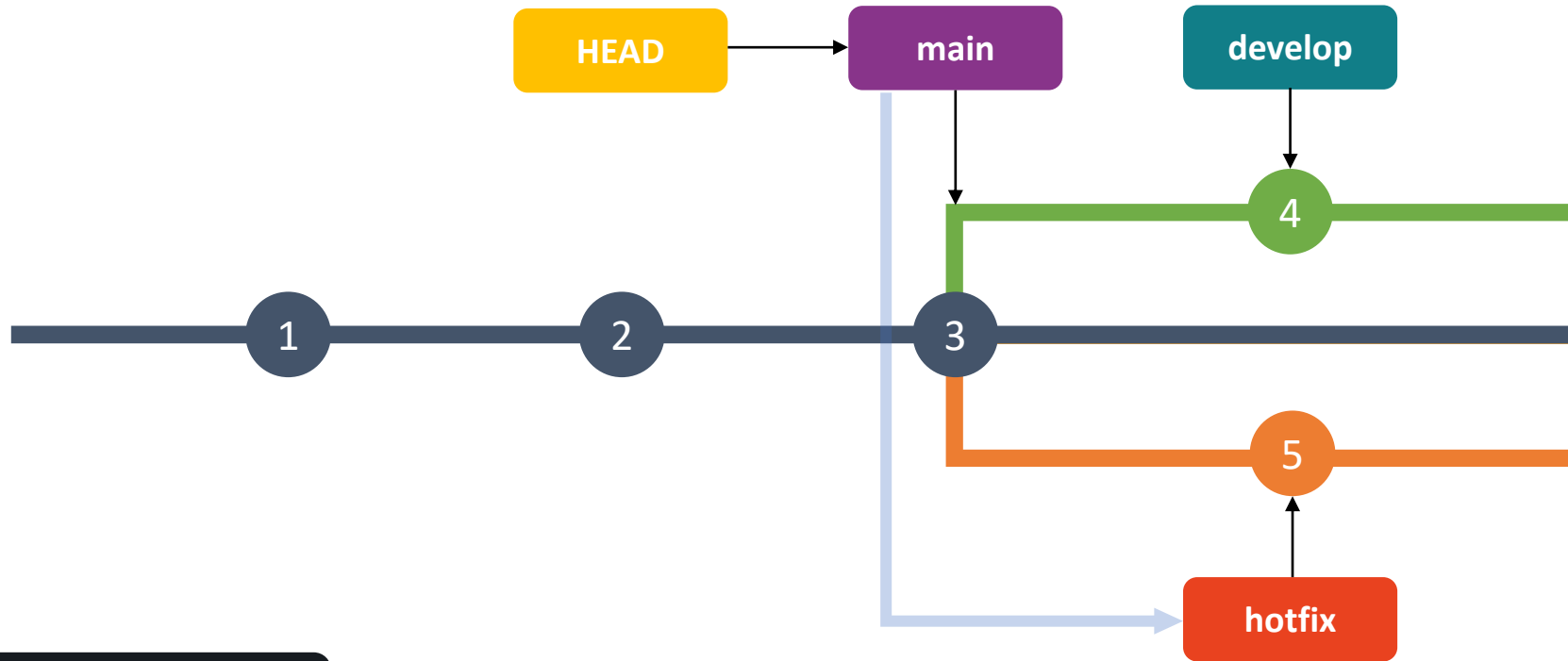
2

3

Scenario 1 – Initial State

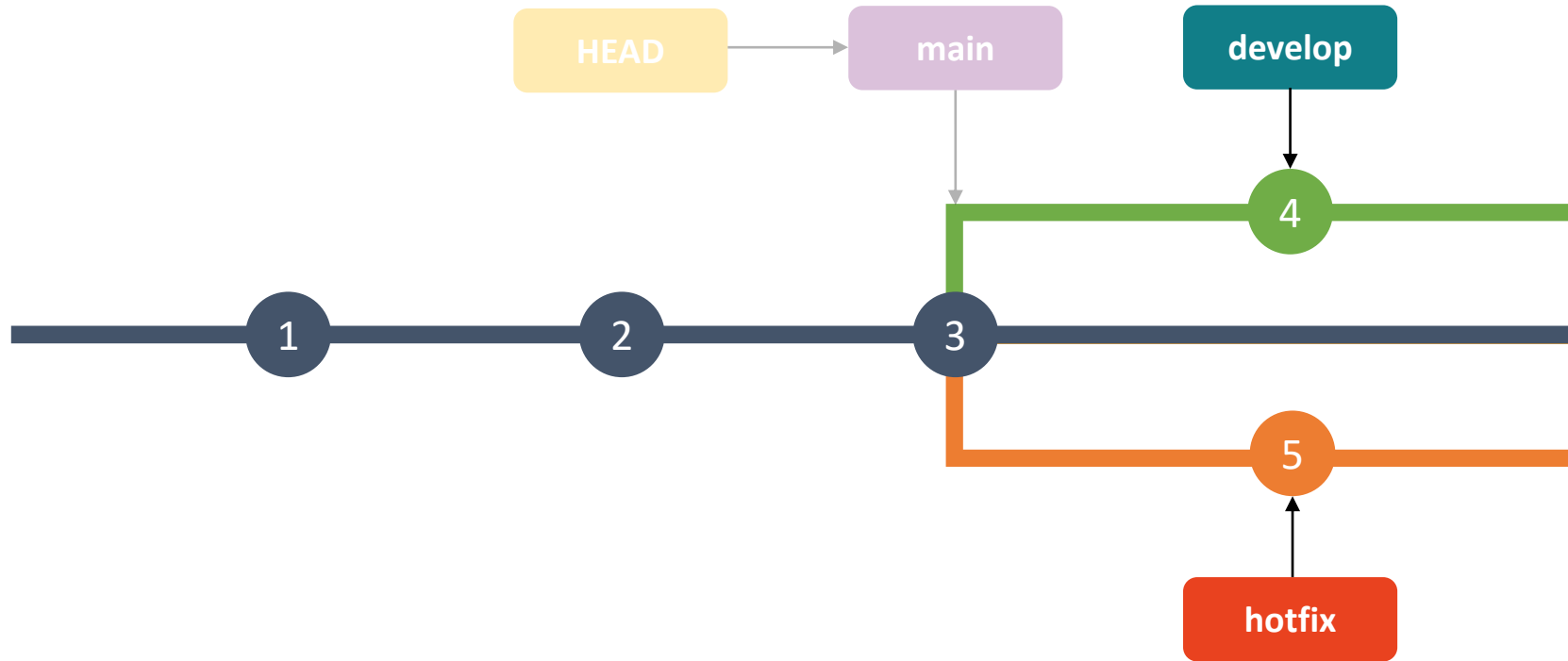


Scenario 1 – Goal: Merge hotfix With main

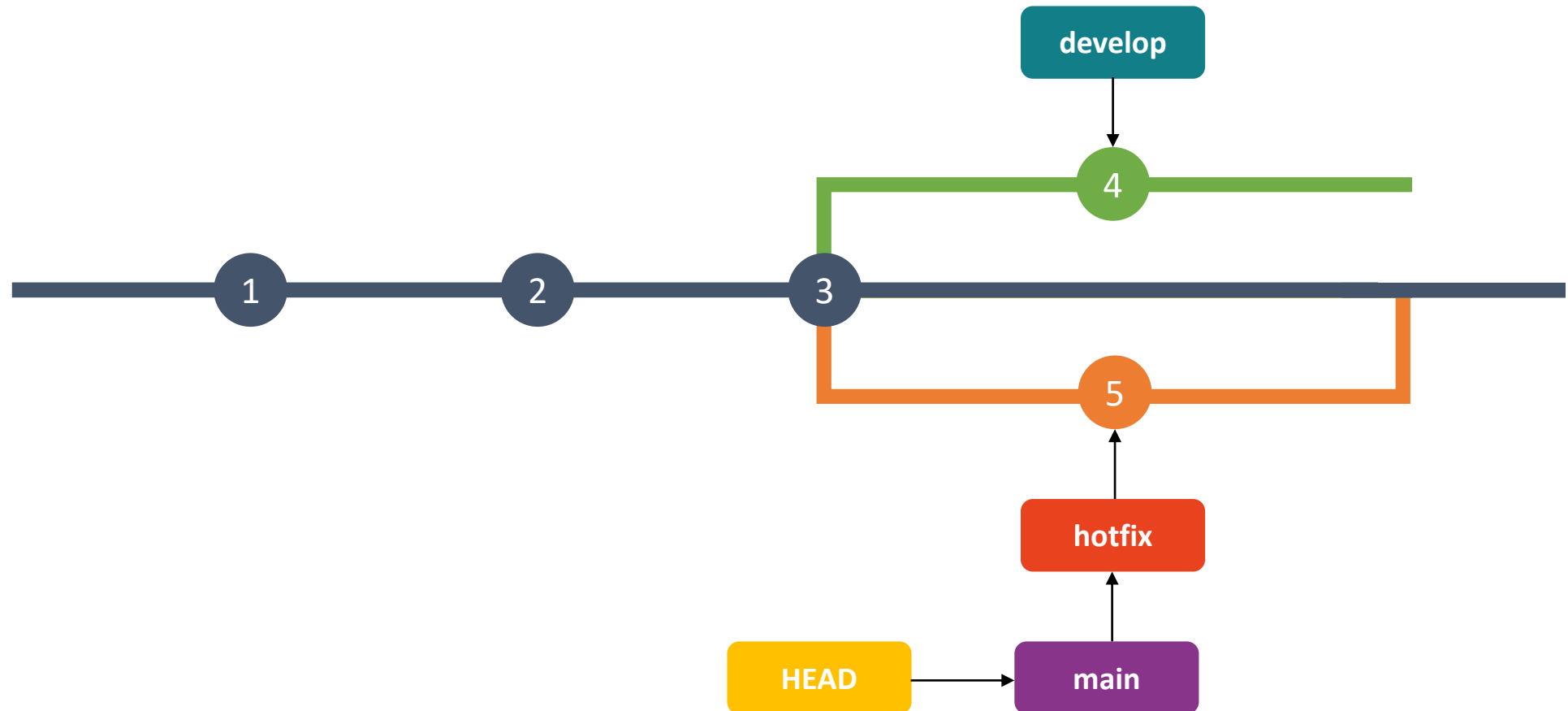


```
$ git merge hotfix
```

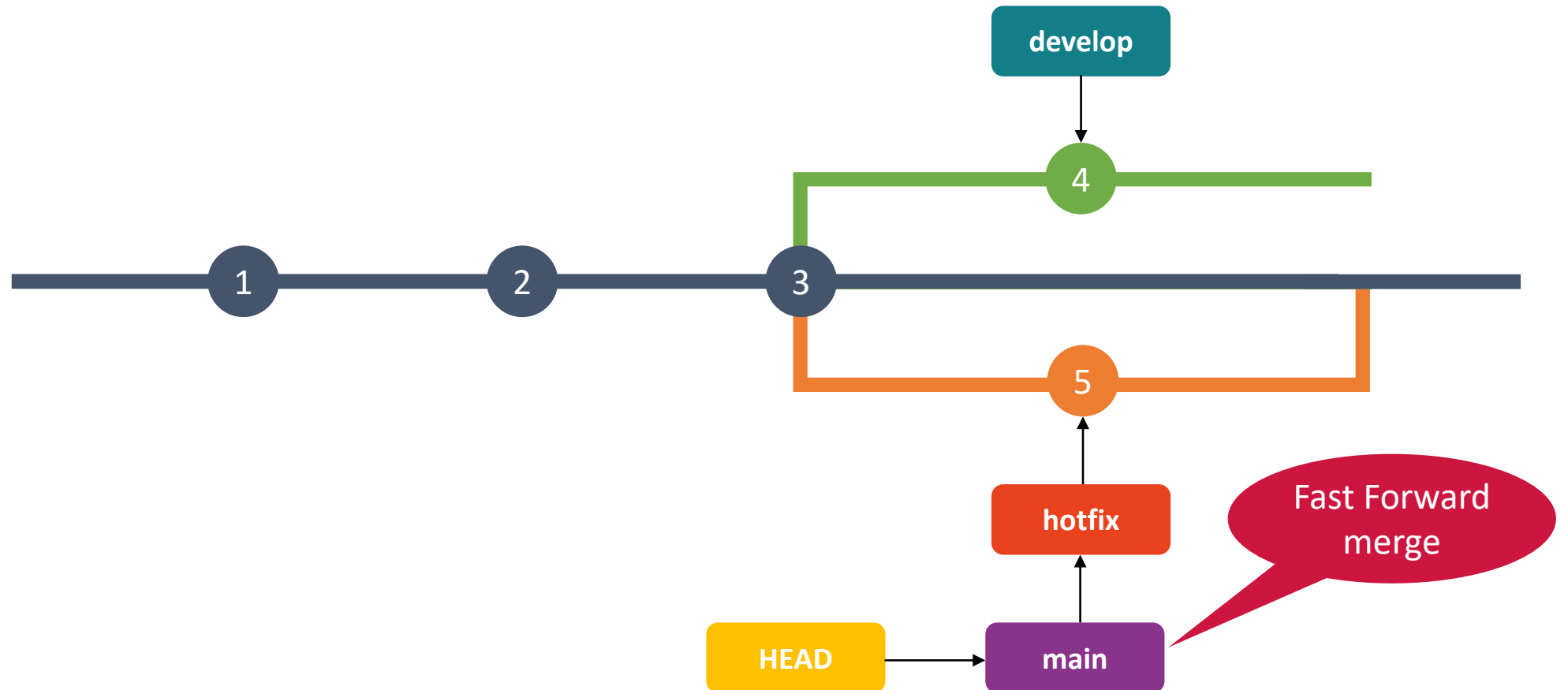
Scenario 1 – Merge hotfix With main



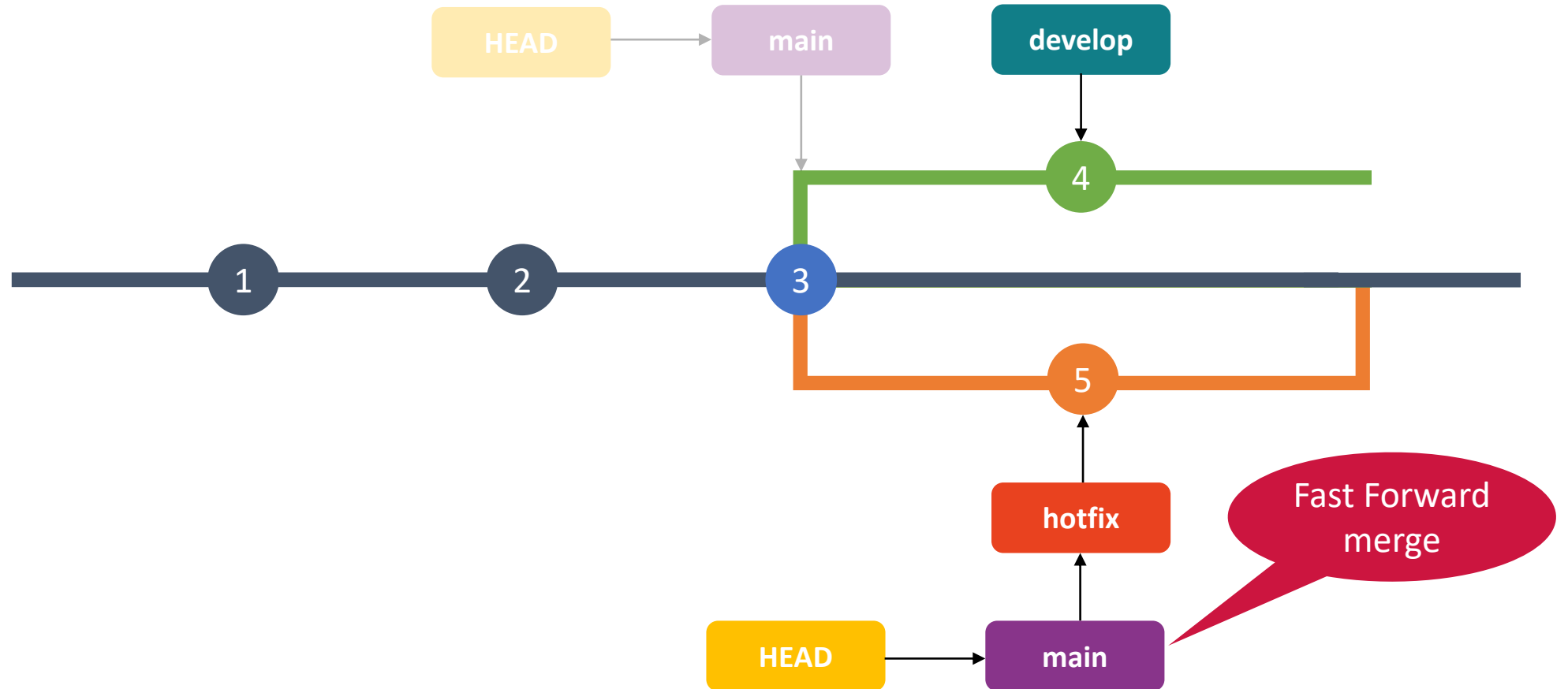
Scenario 1 – After Merge hotfix With main



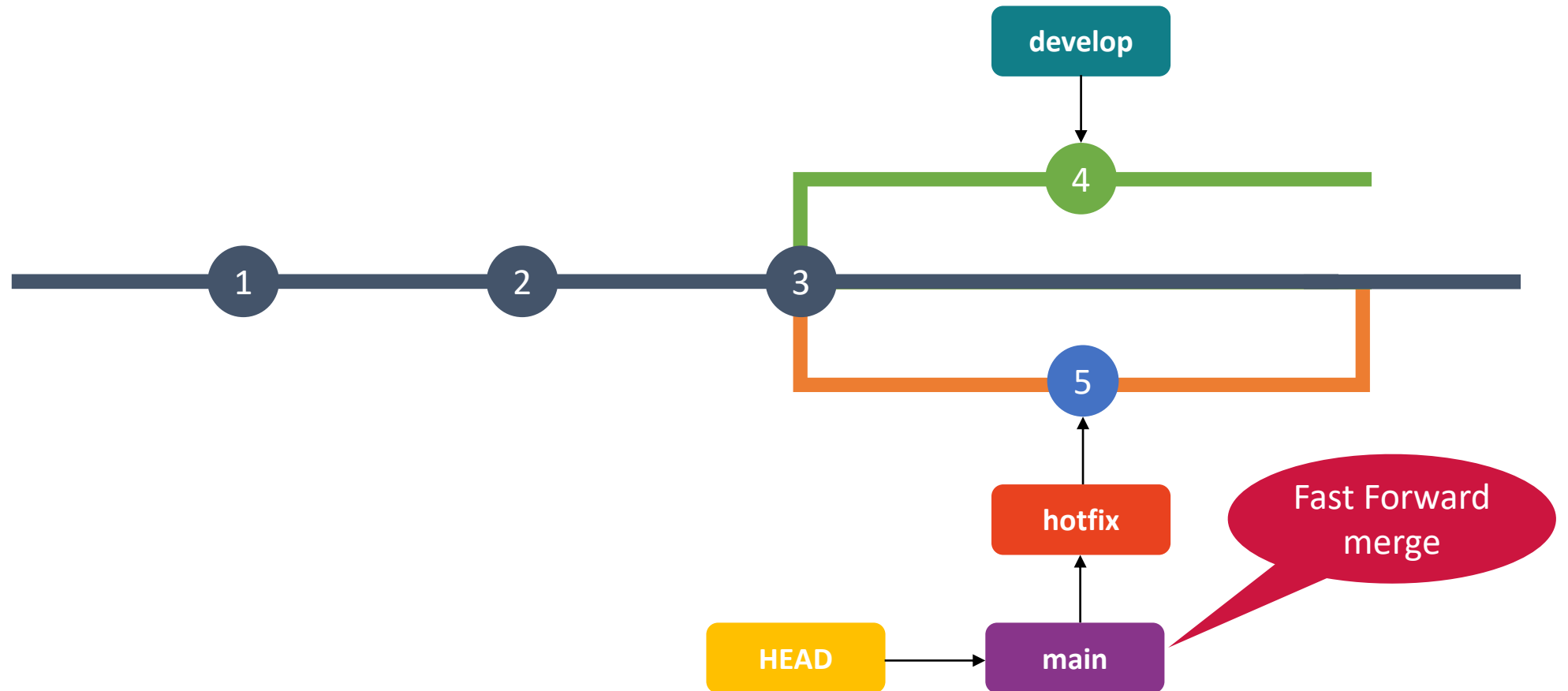
Scenario 1 – After Merge hotfix With main



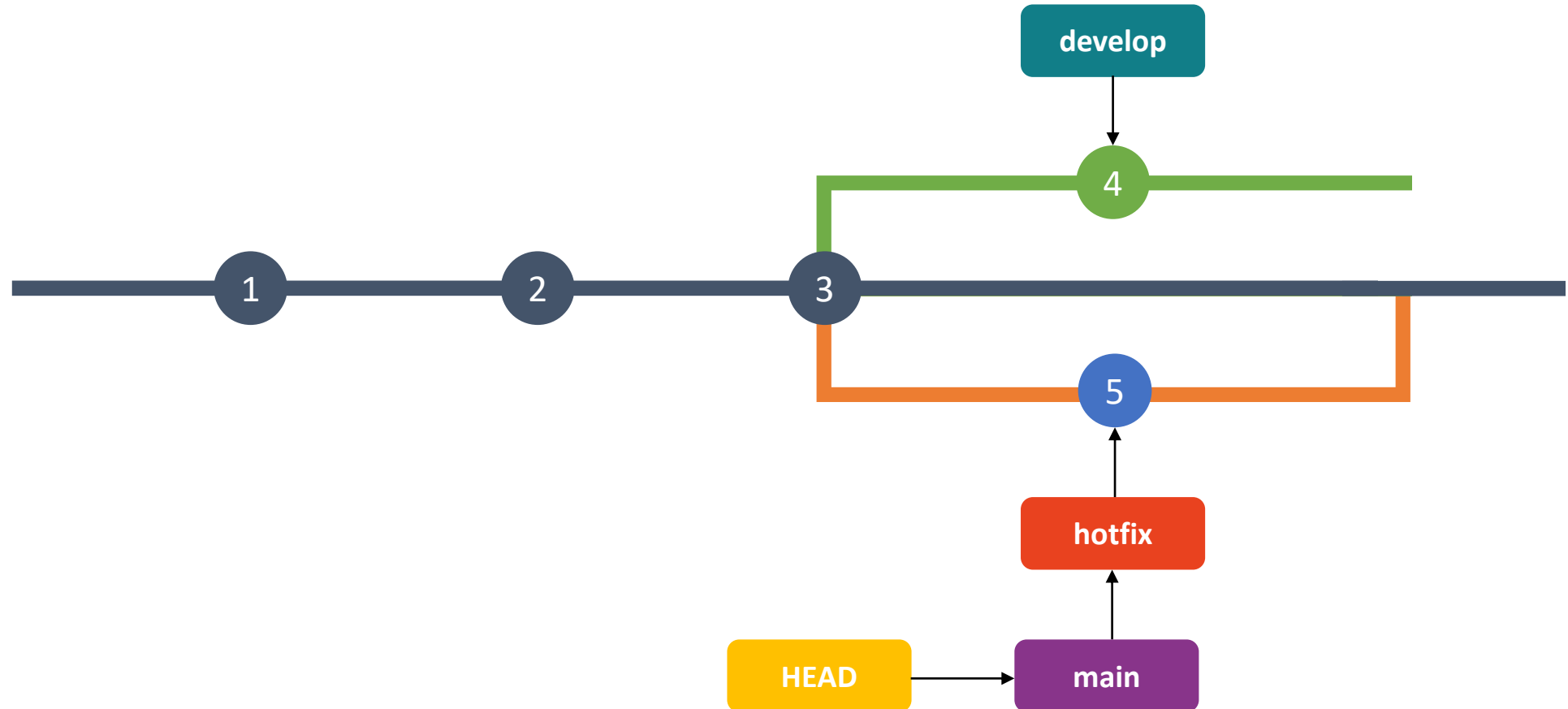
Scenario 1 – After Merge hotfix With main



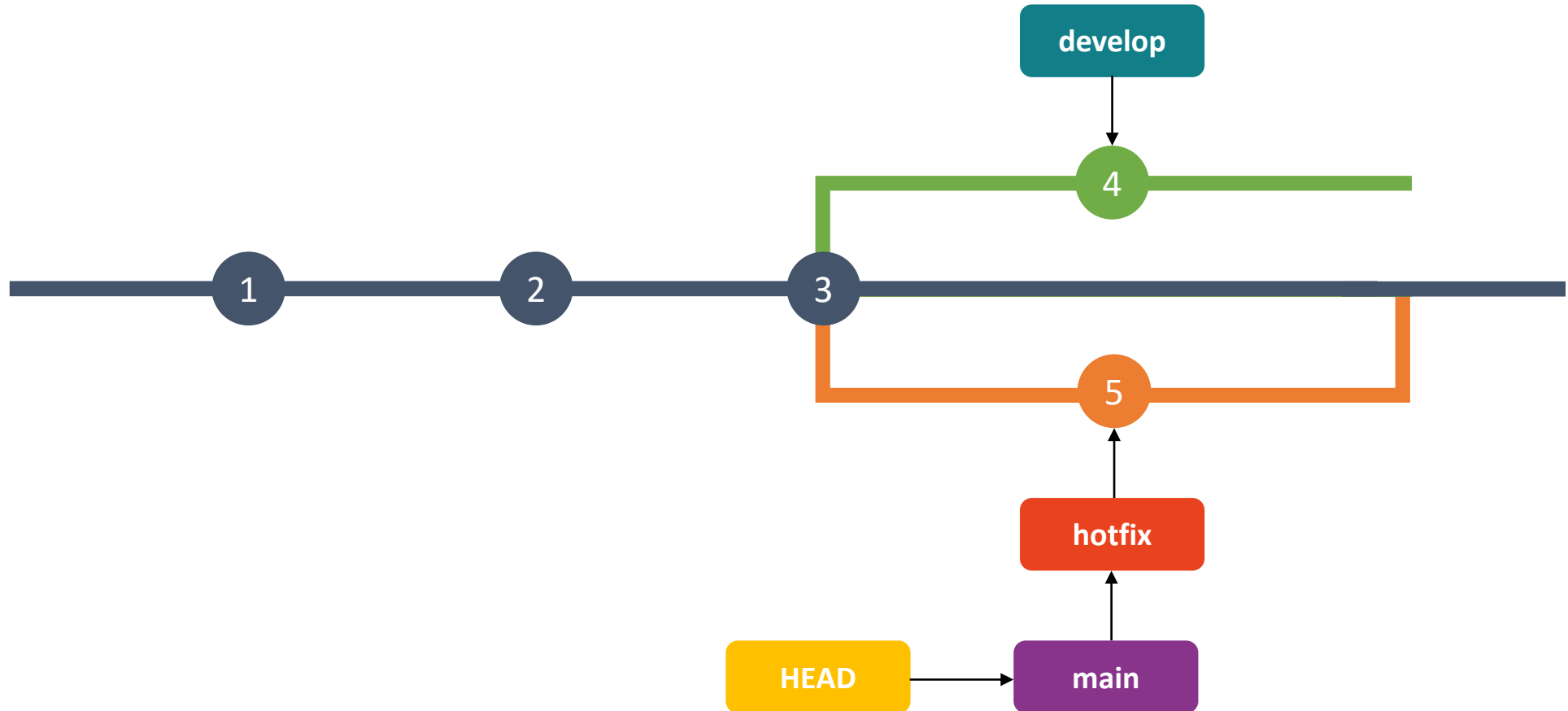
Scenario 1 – After Merge hotfix With main



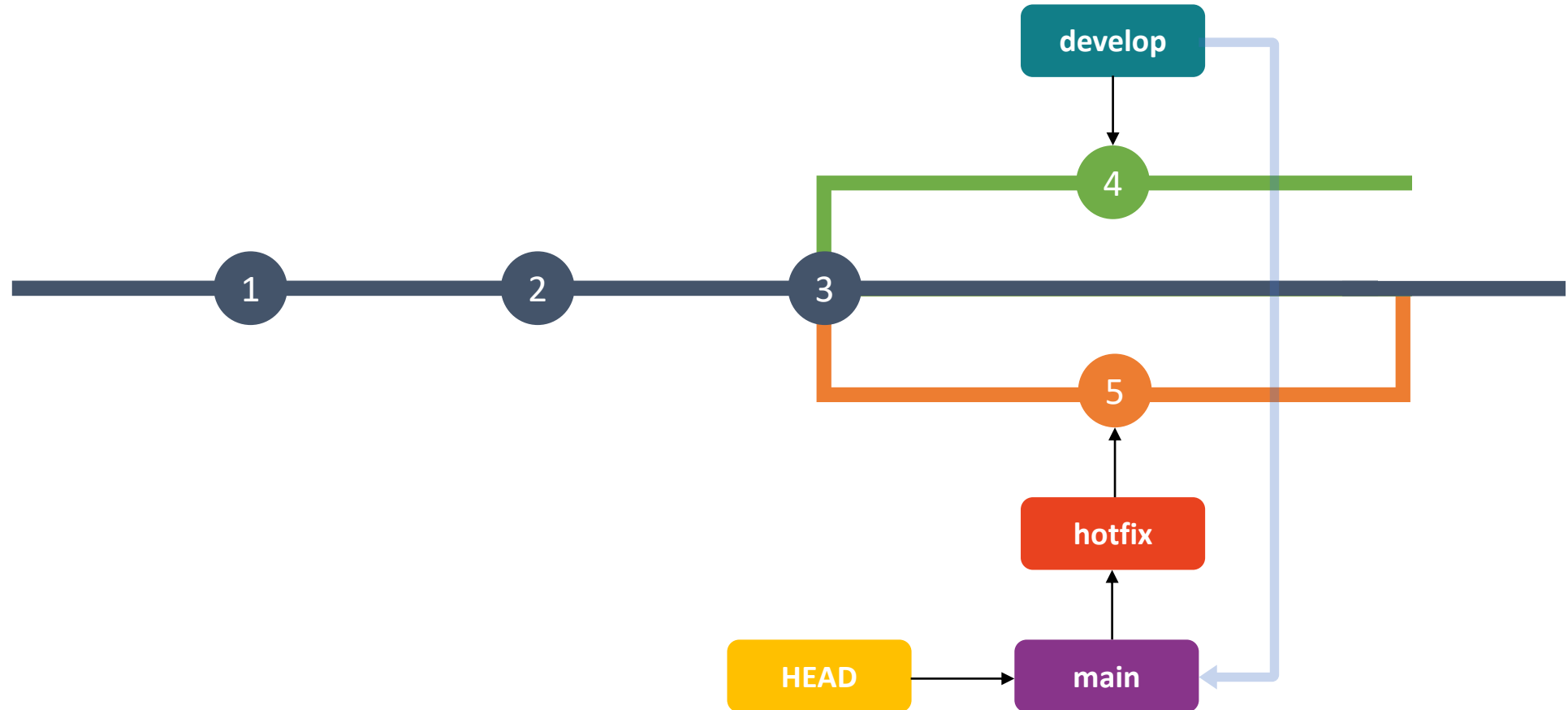
Scenario 1 – After Merge hotfix With main



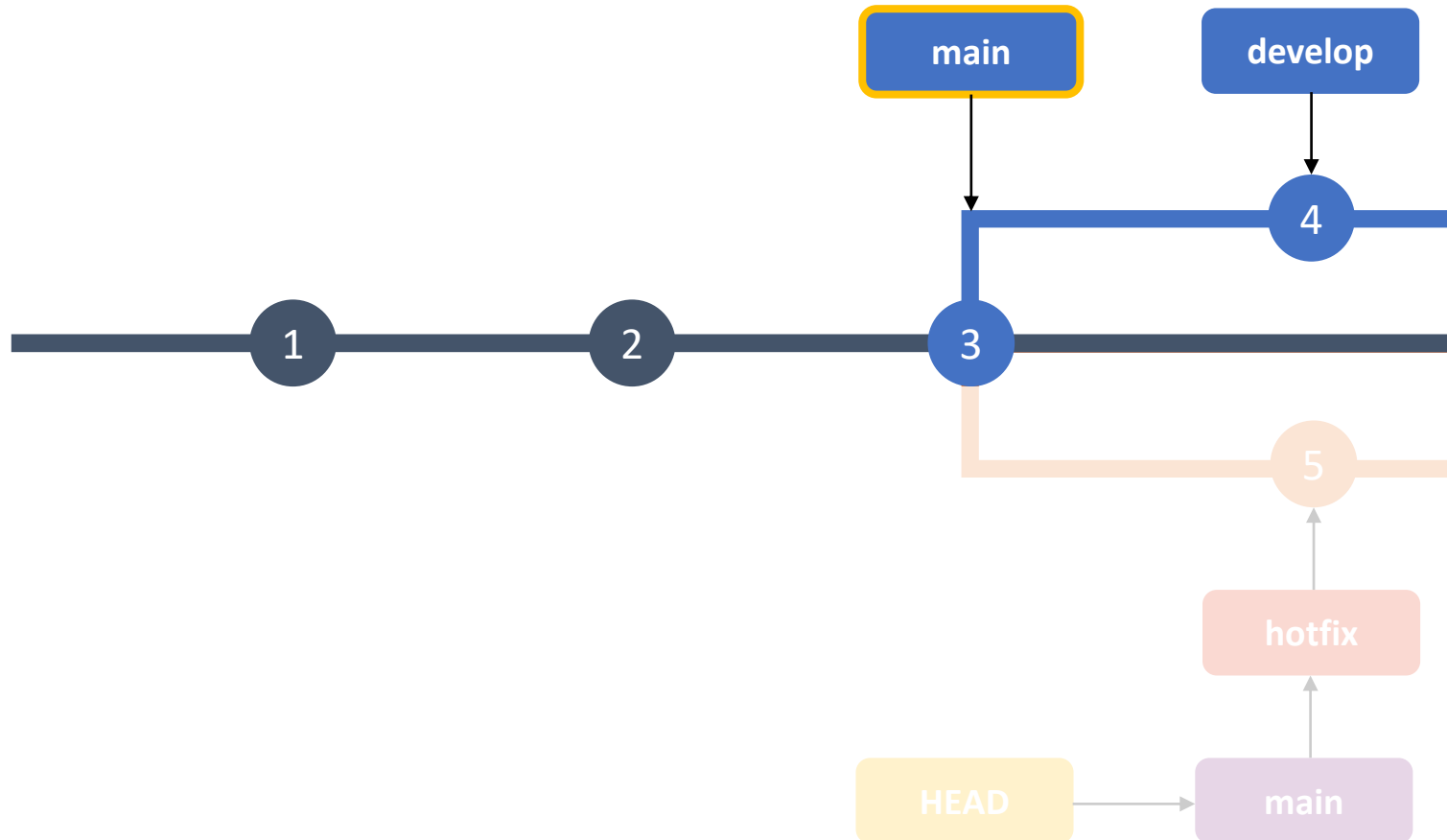
Scenario 1 – Next Step



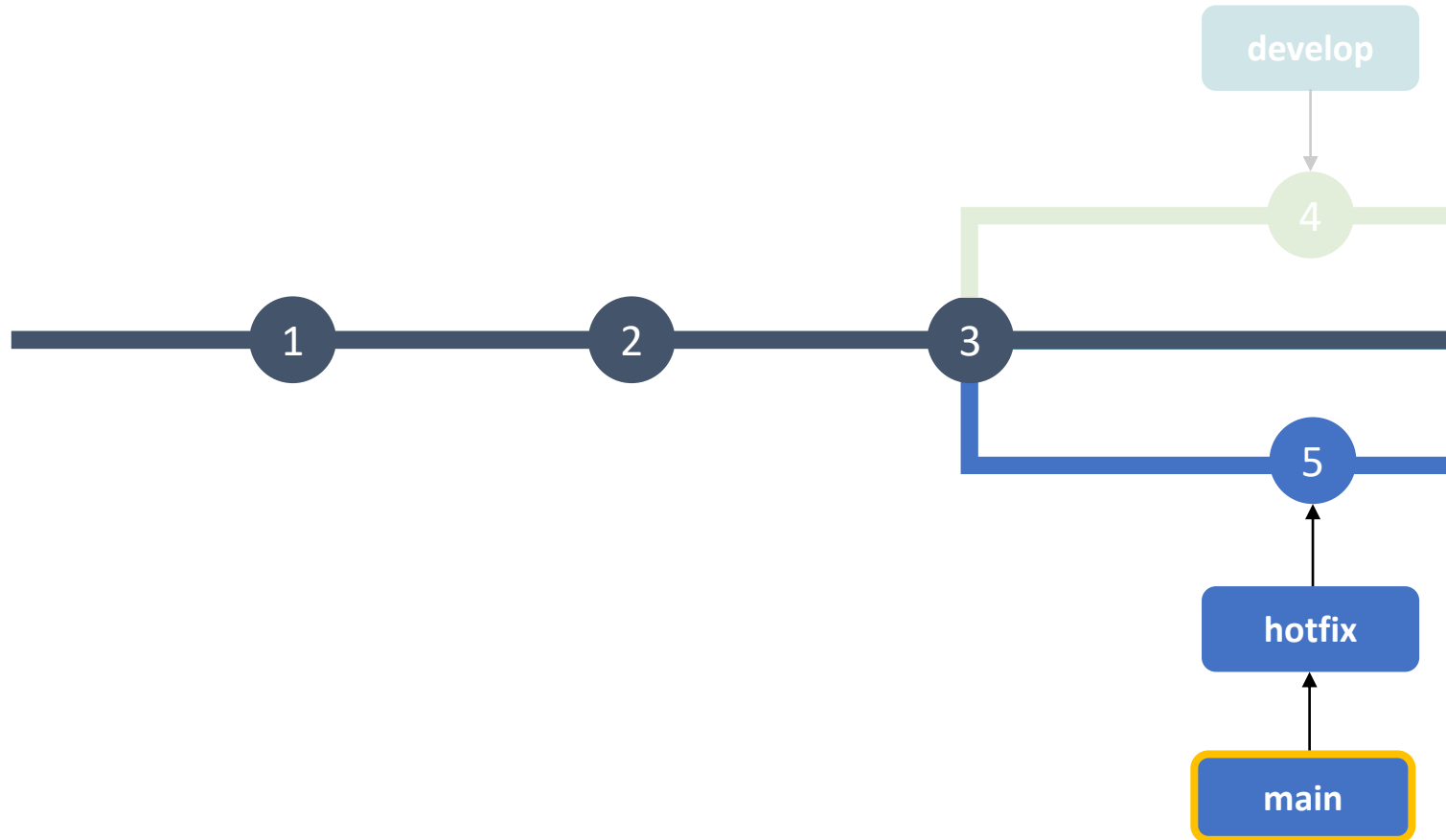
Scenario 1 – Goal: To Merge develop With main



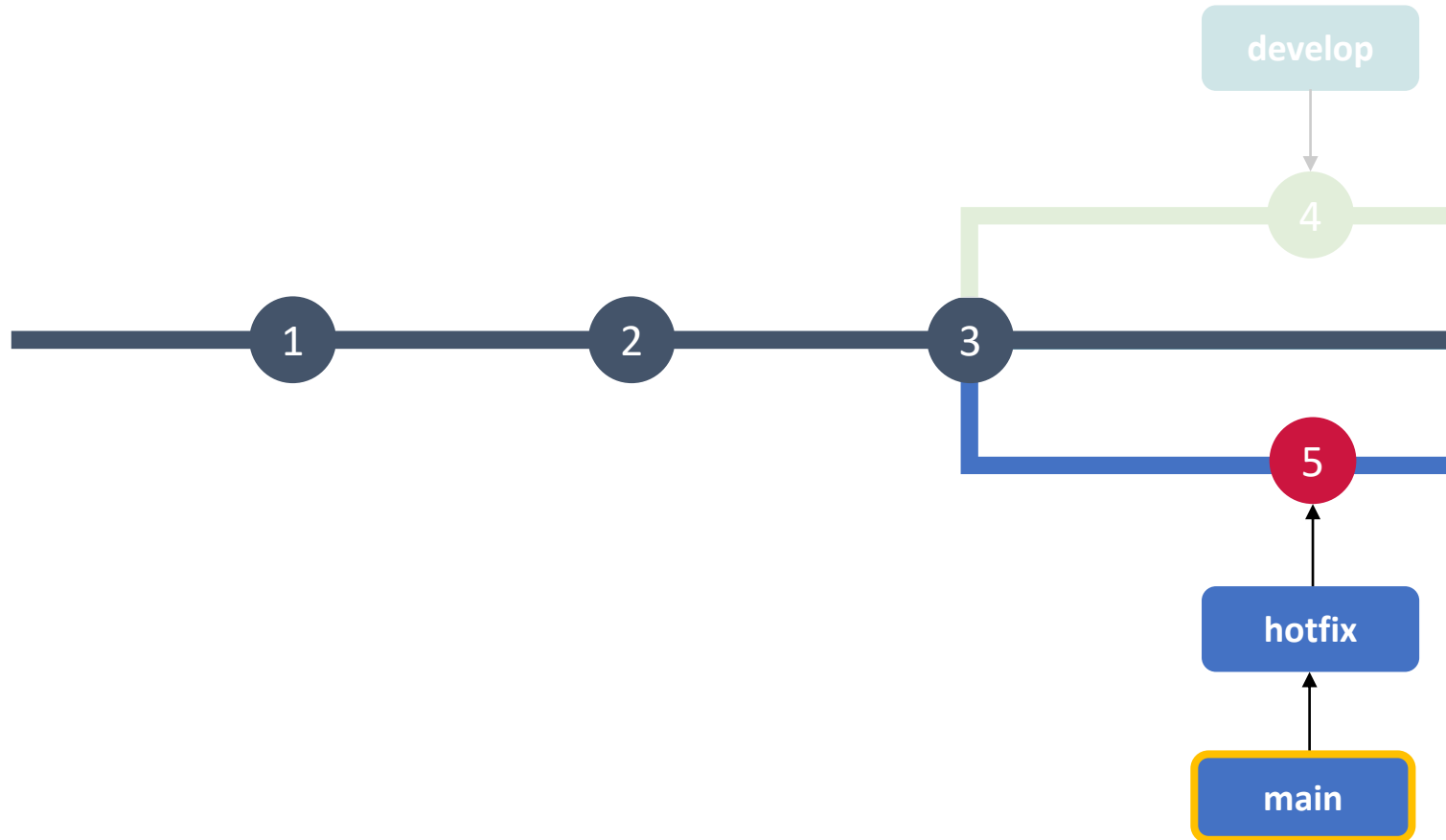
Scenario 1 – Previous State



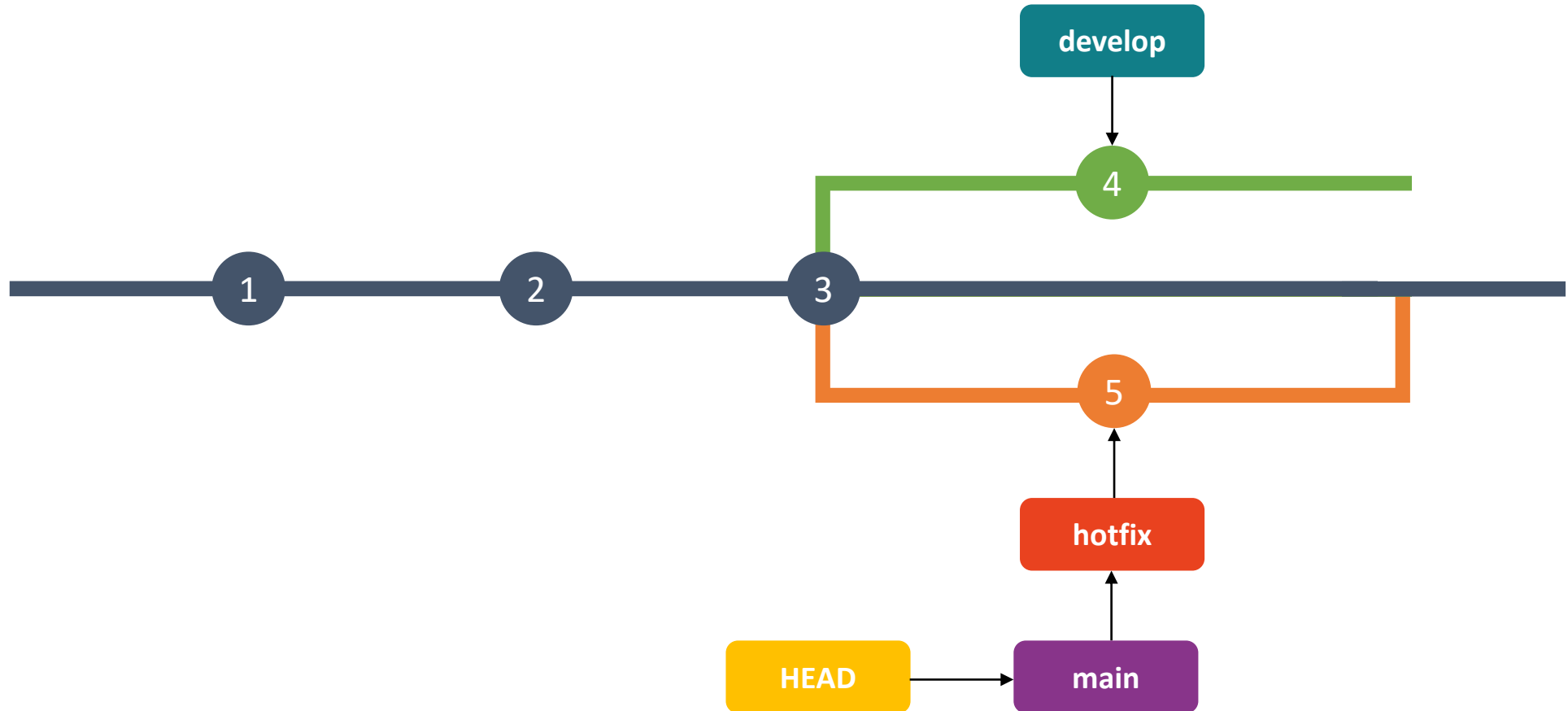
Scenario 1 – Current State



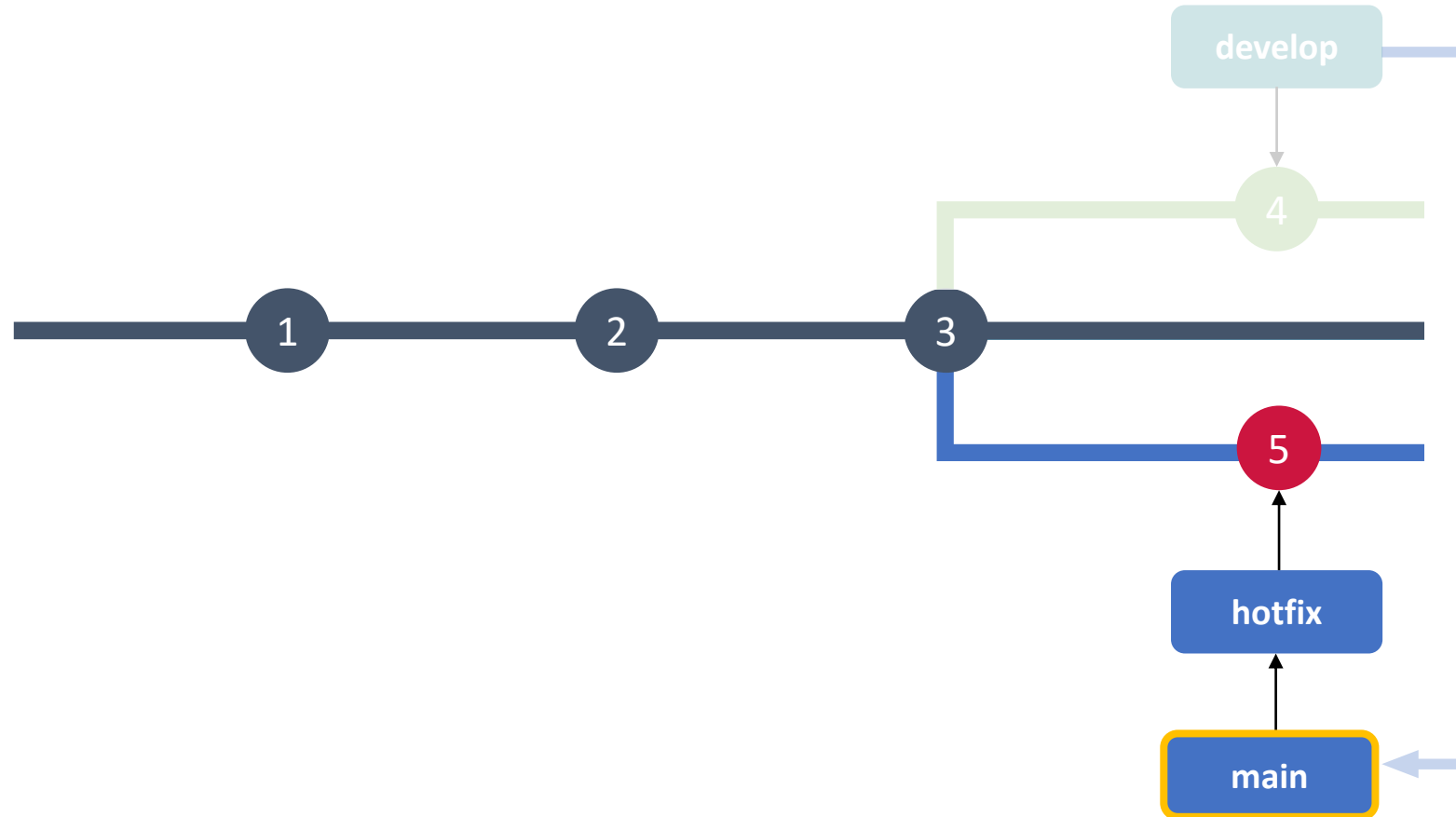
Scenario 1 – The Issue



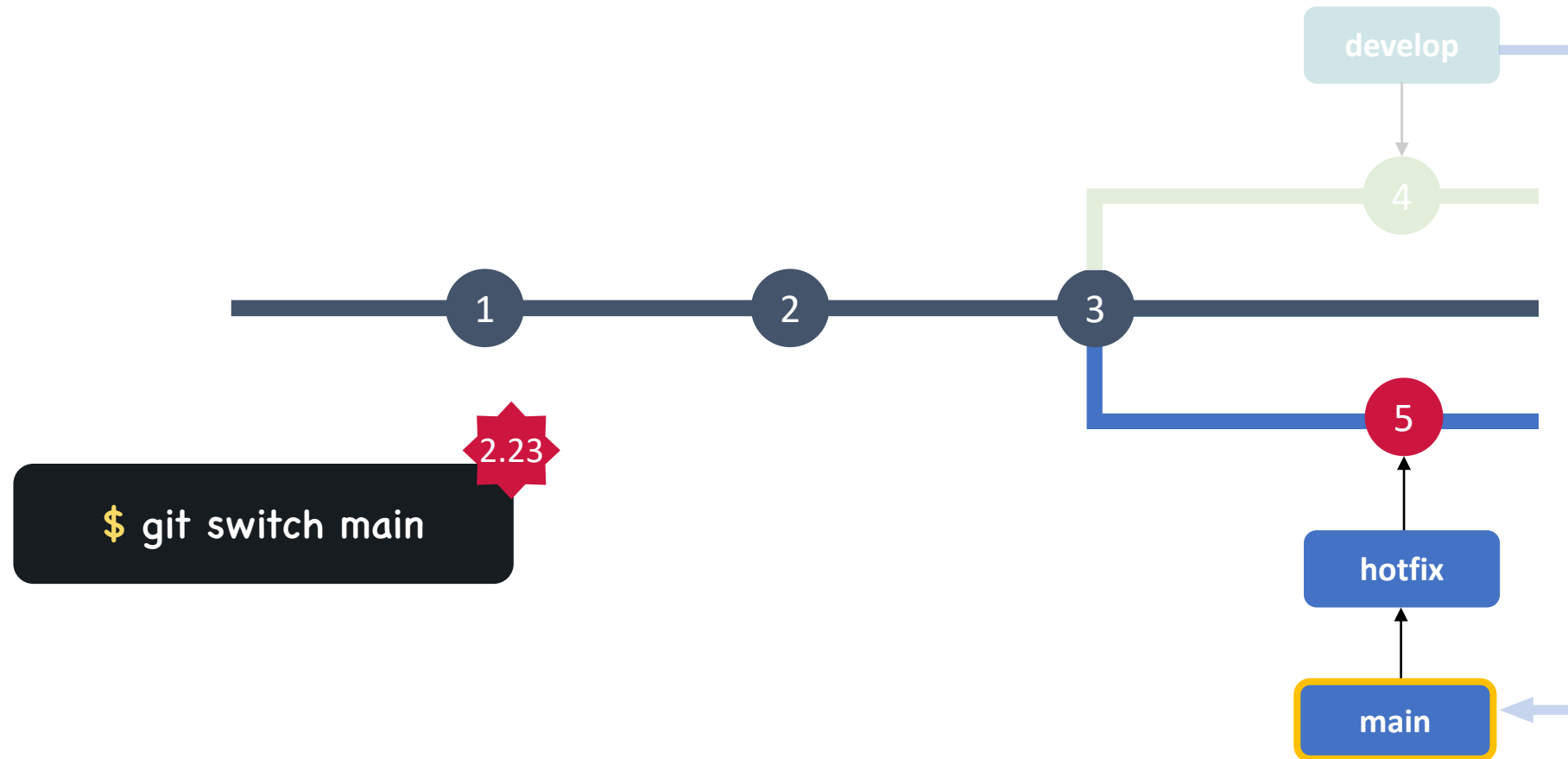
Scenario 1 – Next Step



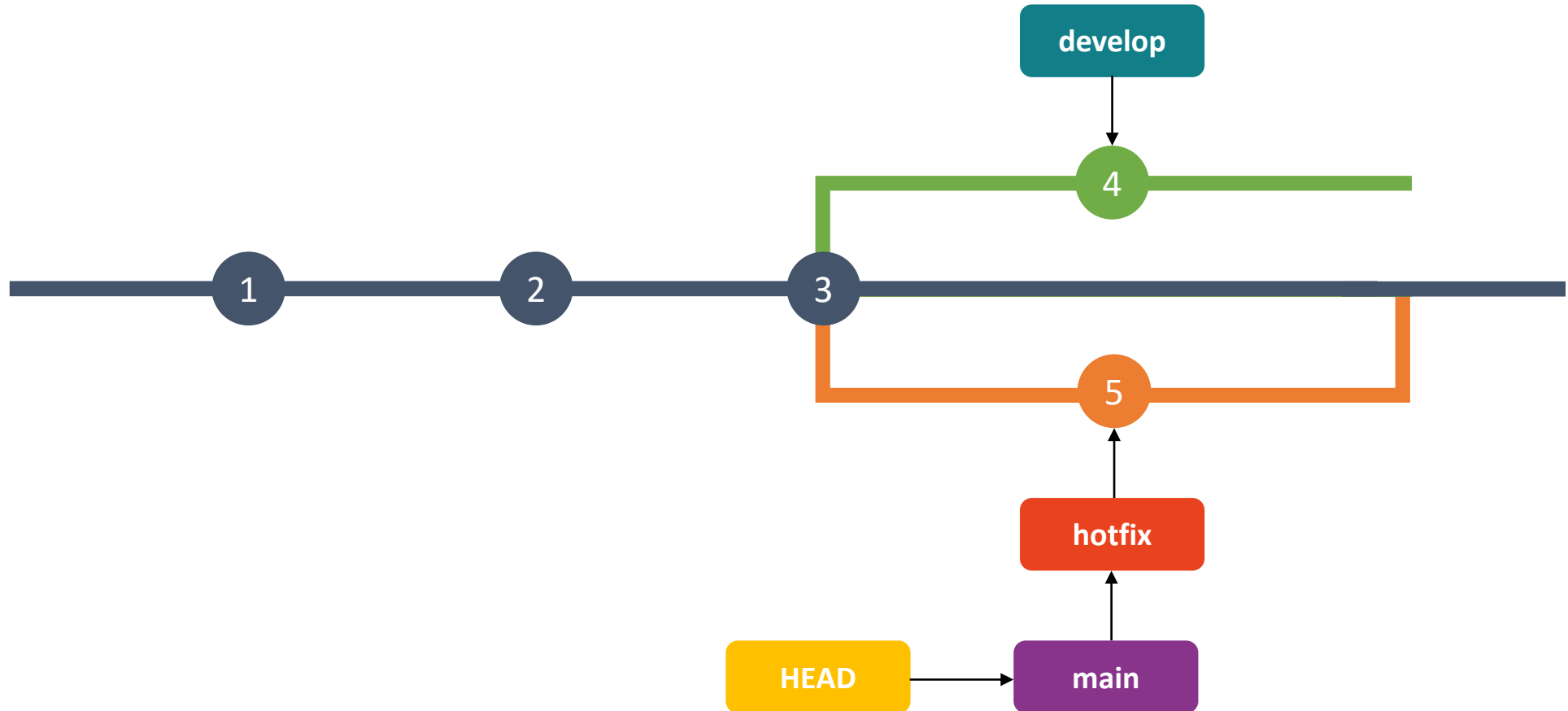
Scenario 1 – Goal: To Merge develop With main



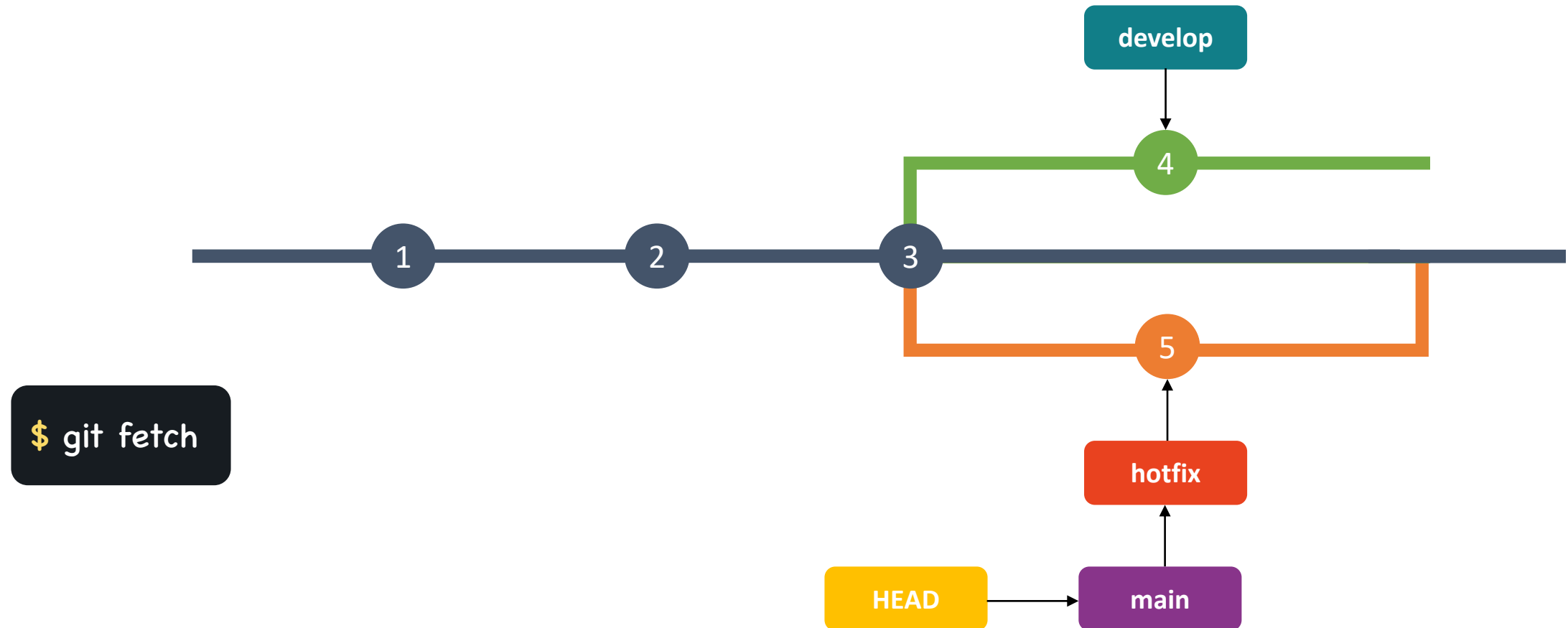
Scenario 1 – Goal: To Merge develop With main



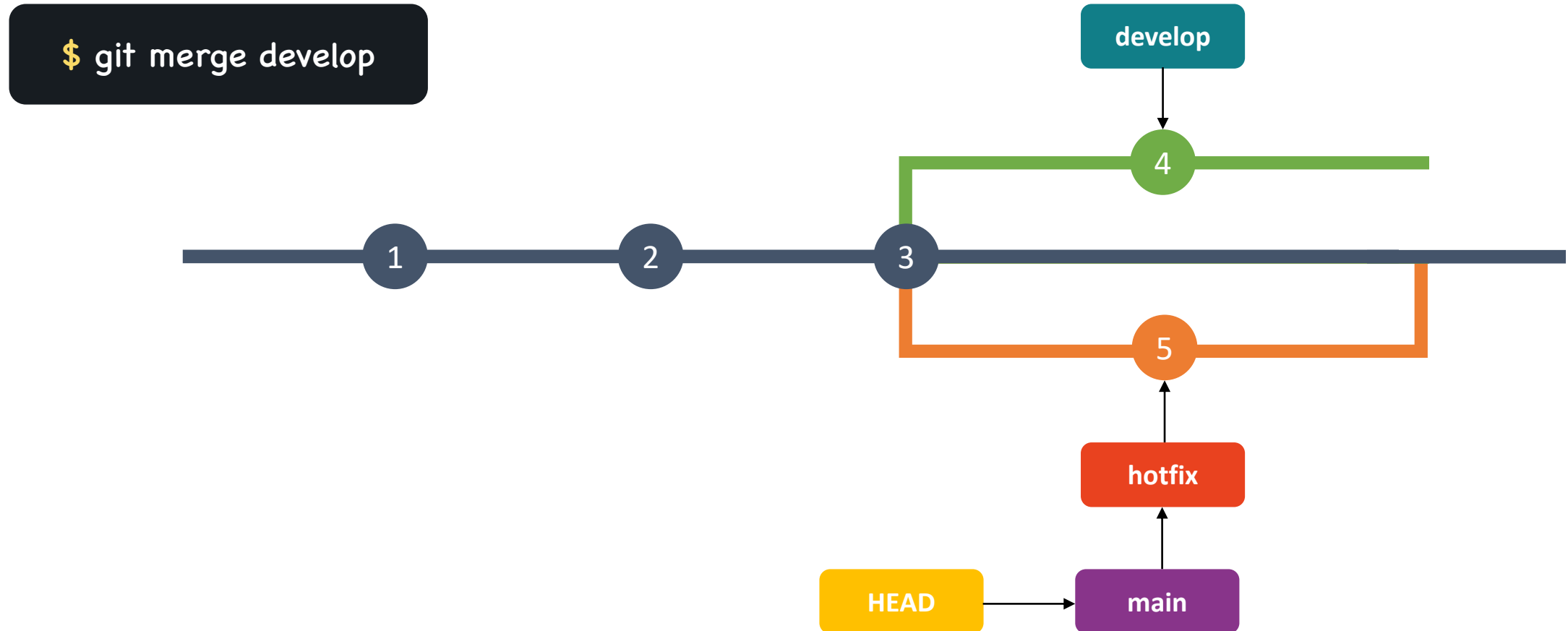
Scenario 1 – Switched To main



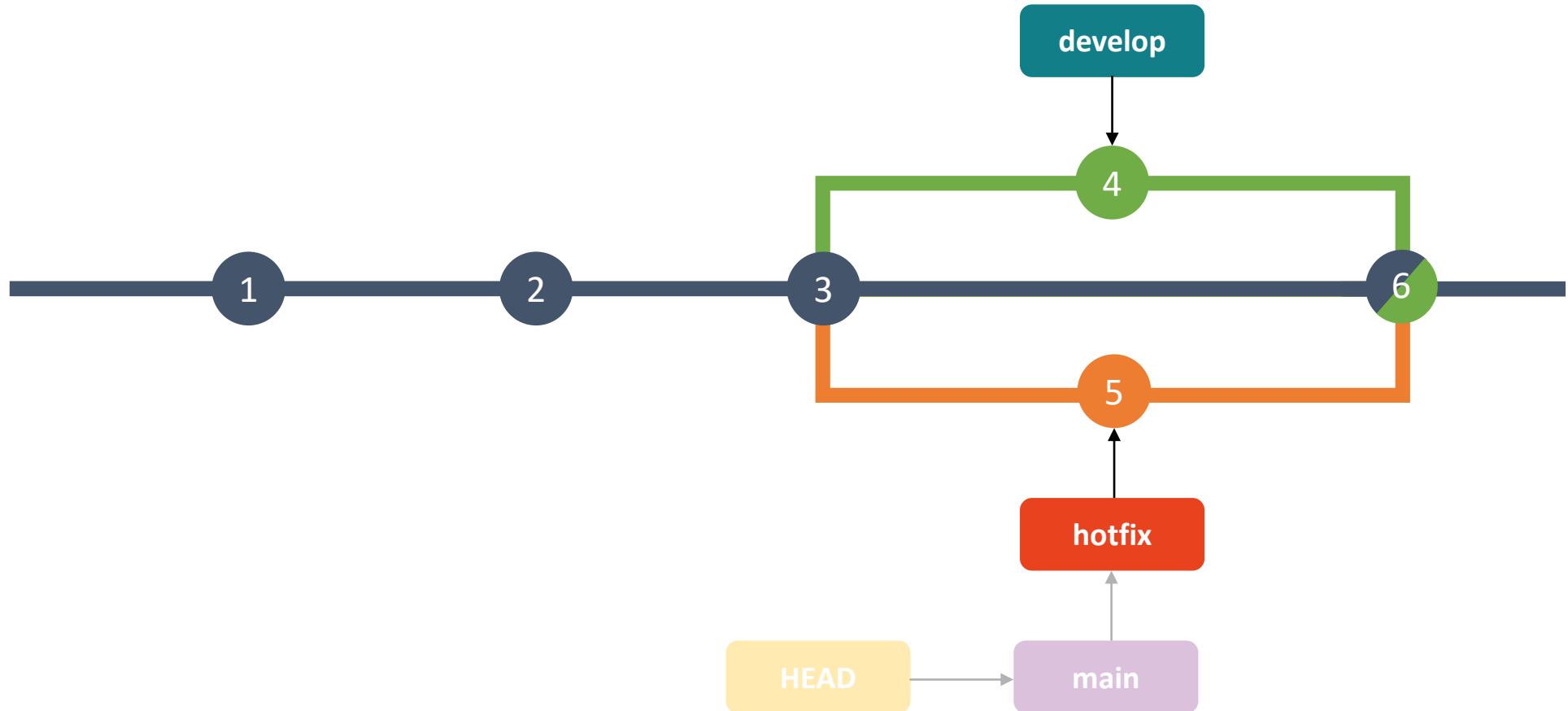
Scenario 1 – Switched To main



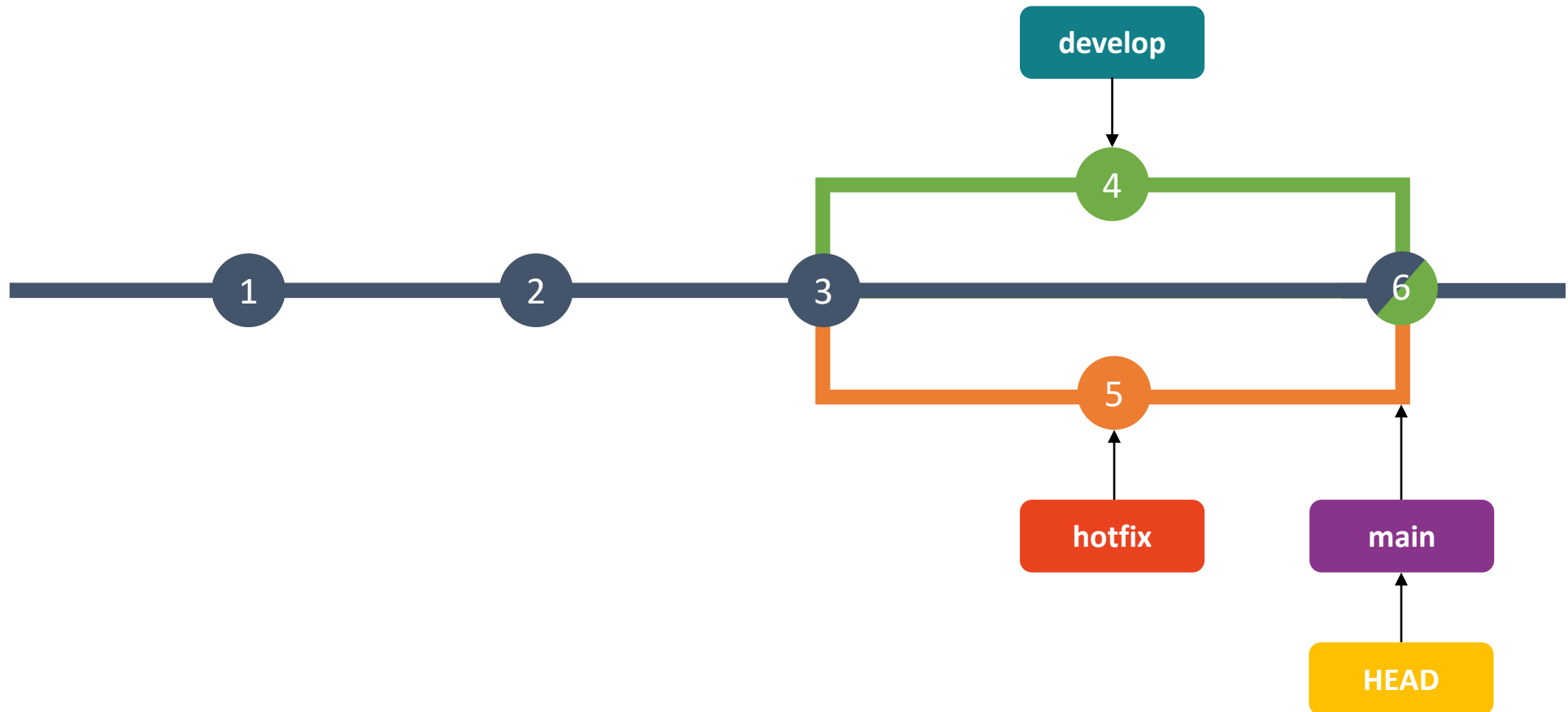
Scenario 1 – Switched To main



Scenario 1 – Merge Commit Created



Scenario 1 – Merge Commit Created



Let us practice

Takeaways

1. Git supports **merge into** feature and not merge from
2. Switch to the branch you want to merge into first, before merging
3. Commands
 - a. `git switch <branchname>` – to switch between branches
 - b. `git merge <branchname>`