

Bamboo 자동 머지 구성하기

Bamboo는 자동으로 브랜치간 머지하는 기능을 제공한다. 이 페이지는 브랜치 머지 구성 방법을 설명한다.

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개요

Git flow를 운영할 때 release 된 변경사항을 master에 머지하고, master에 머지된 변경사항은 development 브랜치에 반영하는 절차가 반복된다.

Bamboo는 이러한 반복적인 작업을 돕는 두 가지 모드를 제공한다.

Branch updater

- Master의 변경사항을 feature branch등에 반영하는 용도에 알맞은 기능 (merge back)

[blocked URL](#)

Gatekeeper

- Feature branch의 변경사항을 master에 적용하는 용도에 알맞은 기능

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Branch updater 구성 방법

주로 master에 merge될 때 빌드하는 plan configuration 에 구성

1. Plan branch 생성
Master (예)의 변경사항을 적용할 branch에 대한 plan branch 생성
Step 1) Plan Configuration 좌측의 Branches 메뉴 > Create plan branch 클릭
Step 2) Branch name field에서 변경사항을 적용할 branch에 대한 branch 선택 (예: development)
Step 3) Create 버튼 클릭
2. 생성된 plan branch 선택
Plan Configuration 좌측의 Branches 메뉴 > 생성된 plan branch 클릭
3. Branch enabled 상태 확인
4. Branch merging enabled 활성화
5. Merging mode 중 Branch updater 선택
Step 1) Checkout field: 선택된 plan branch로 설정되었는지 확인
Step 2) Merge from 필드 설정: 빌드 플랜 선택 (플랜의 default branch가 선택됨)
Step 3) Push on 활성화
6. Save 버튼 클릭하여 branch 구성 저장

Plan Configuration
Branch details Repositories Notifications Variables

Branch details
You can update the names and description of the current branch.

Display name
How do you want to identify the new branch?
Branch description
Choose a meaningful description for the new branch. For example, "Bamboo tasks feature branch".
☒ Branch enabled
☒ Clean up plan branch automatically

Trigger type
☐ Change trigger ?
Change the way that Bamboo triggers this plan branch

Merging
Enable automatic merging to integrate changes between the branch and the mainline, as well as (optionally) push the merge back to the repository upon a successful integrated build.
☒ Branch merging enabled ?

☒ Branch updater ?
☐ Gatekeeper ?

☒ Branch updater ?
Checkout
Merge from
Build ☒ Merge result
Push on ☒ ☒

☐ Gatekeeper ?
Checkout
Merge from
Build ☒ Merge result
Push on ☒ ☐

Repository branches
This plan branch is using the following repository branches. To change repository branch settings, go to the Repositories tab.

MET Pilot ☒ development

Save Cancel

Build dashboard / MET Pilot / Merge Back build
Build #2

#2 was successful – Manual run by [화희연 대표](#)

Summary Tests Commits Artifacts Logs Metadata Issues

Build result summary

Details

Completed 09 Feb 2019, 12:48:23 PM – 2 hours ago

Duration 12 seconds

Labels None

Agent Agent C

Revision [f7a7395...](#)

Total tests 10

Successful since #1 (25 seconds before)

Branch integration details

Checked out [development:f7a7395e...](#)

Merged with [master:10abb143...](#)

Pushed [development:10abb143...](#)

SonarQube analysis results

Gatekeeper

주로 release를 빌드하는 plan configuration 에 구성

- Plan branch 생성
release branch (예)의 변경사항을 적용할 branch (예: master)에 대한 plan branch 생성
Step 1) Plan Configuration 좌측의 Branches 메뉴 > Create plan branch 클릭
Step 2) Branch name field에서 변경사항이 발생할 branch 선택 (예: development)
Step 3) Create 버튼 클릭
- 생성된 plan branch 선택
Plan Configuration 좌측의 Branches 메뉴 > 생성된 plan branch 클릭
- Branch enabled 상태 확인
- Branch merging enabled 활성화
- Merging mode 중 Gatekeeper 선택
Step 1) Checkout field: 변경 사항이 머지될 브랜치 선택 (예: master)
Step 2) Merge from 필드 설정: 선택한 브랜치 확인 (예: release)
Step 3) Push on 활성화
- Save 버튼 클릭하여 branch 구성 저장

Plan Configuration

Stages & jobs1

Branches2

master

release

Create plan branch

Branch detailsRepositoriesNotificationsVariables

Branch details

You can update the names and description of the current branch.

Display name*release

How do you want to identify the new branch?

Branch description

Choose a meaningful description for the new branch. For example, "Bamboo tasks feature branch".

Branch enabled

Clean up plan branch automatically

Trigger type

Change trigger?

Change the way that Bamboo triggers this plan branch

Merging

Enable automatic merging to integrate changes between the branch and the mainline, as well as (optionally) push the merge back to the repository upon a successful integrated build.

Branch merging enabled?

Branch updater?

Checkoutrelease

Merge fromStaging and Production build

BuildMerge result

Push on☒ release

Gatekeeper?

Checkoutmaster

Merge fromrelease

BuildMerge result

Push on☒ master

Repository branches

This plan branch is using the following repository branches. To change repository branch settings, go to the Repositories tab.

MET Pilot

release

SaveCancel

#2 was successful – Changes by 황희연 대표

SummaryTestsCommitsArtifactsLogsMetadataIssues

Build result summary

Details

Completed09 Feb 2019, 1:50:23 PM – 1 hour ago

Duration25 seconds

LabelsNone

AgentAgent B

Revisionac0b9a1...

Total tests10

Successful since#1 (1 minute before)

Branch integration details

Checked outmaster:d3383f44...

Merged withrelease:ac0b9a12... ✓

Pushedmaster:ac0b9a12... ✓

SonarQube analysis results

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