



## PROMOTION

It is a process that involves deploying one or multiple user stories from one environment to another following a designated pipeline.



## UNDERSTAND PROMOTION PROCESS

The promotion process is simply the act of moving metadata components from lower to higher environments.

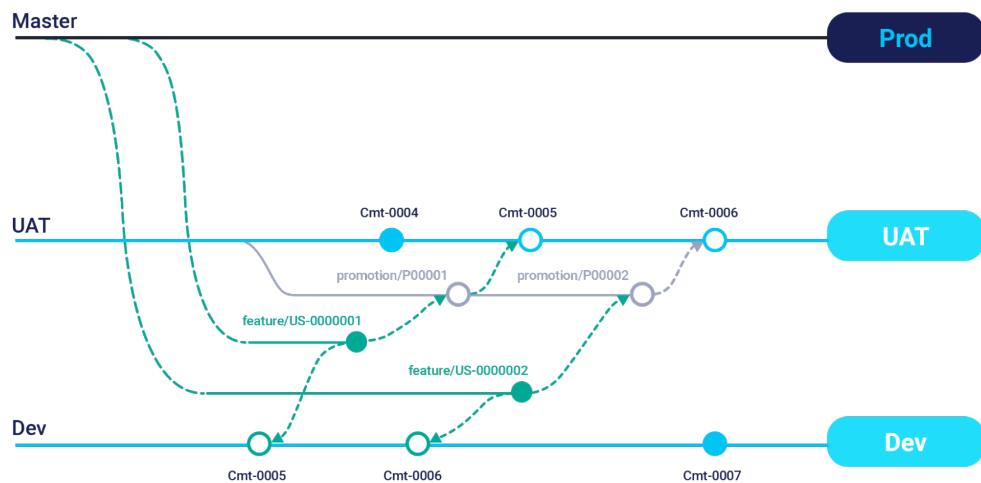


**Example:** Jen, one of the developers in NewTech Innovations, has committed some changes in the DEV1 environment and wants to move all those changes to UAT. In this case, she will be deploying the changes to a higher environment, simply referred to as a promotion process.

## PROMOTION BRANCH



When you promote a user story, Copado creates a replica of the destination branch and merges all the components of the feature branch into it.



## STEPS TO CREATE A MANUAL PROMOTION

1. Go to your user story and mark the **Ready to Promote** field as selected.
2. Now, open the Promotion tab and press **New**.
3. Fill in all the fields marked as required and save.
4. Locate the **Add User Stories** tab.
5. Select the desired user stories and click on the **Add Selected User Stories** button.

## STEPS TO CREATE MANUAL DEPLOYMENT

1. Locate the **Create Deployment** button in the **Selected User Stories** panel.
2. Verify the relevant fields in the Deployment details wizard.
3. Click on **Deploy**.
4. Select the **Deploy All** option from the Deployment page.

## STEPS TO CREATE AUTOMATED PROMOTION & DEPLOYMENT

1. Search the user story you want to promote and deploy.
2. Select the **Promote & Deploy** checkbox.
3. Click on **Save**.

 By executing the above-stated process, Copado will perform the promotion and deployment steps automatically.

## PROMOTION PROCESS RESULTS

The promotion process can deliver different results. Let's have a look at each of them.

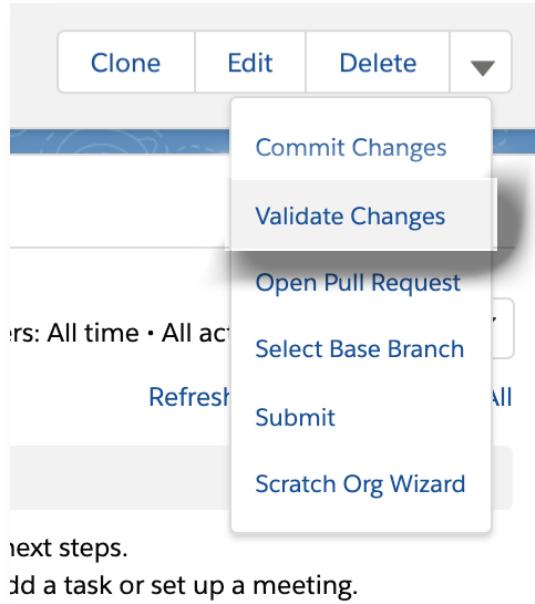
- **Completed Successfully:** The promotion branch will be merged into the destination branch.
- **Completed with Errors:** No changes will be pushed to the destination branch in Git.
- **Merge Conflict:** Copado stops promotion and provides between automatically or manually resolving conflict options.

## VALIDATING CHANGES

This is one of the features Copado offers where you can validate your promotion and deployment results before you even creating an active deployment.

## HOW CAN YOU VALIDATE YOUR CHANGES ON A USER STORY?

1. Locate your user story.
2. Navigate to the drop-down menu and select **Validate Changes**.
3. Check the validation status in the **Validation Deployment Results** section.



## REVIEWING VALIDATION RULES

- **Validated:** This means your validation run ended successfully.
- **Validation Failed:** This means your validation run had some errors. No worries, you can inspect the steps and rectify the errors.

