GIT MERGE CONFLICT

Git merge conflict arises when developers commit changes to two separate branches but on the same line of code or file.

Copado encounters disparity between files when:

- The feature branch is merged into the source Org's branch.
- The feature branch is merged into the Promotion branch.

COPADO RESOLVES CONFLICT VIA

- **Auto-Resolve:** Copado will apply a different auto-resolve conflict strategy depending upon the file type.
- **Manual Resolution:** Copado will allow users to resolve the conflict manually and enable them to apply a proper conflict resolution strategy.

US-0000019 triggers/AccountDefaultActivation.trigger	Auto Resolve	Resolve Manually
US-0000019 classes/AccountActivation.cls	Auto Resolve	Resolve Manually

Copado has an Auto-Resolve feature that helps you to resolve conflicts in Git automatically. However, you sometimes come across complex metadata types where resolving the conflict automatically would not be a perfect solution.

In such cases, a manual resolution is required, commonly known as the **Online Conflict Resolution feature** across Copado.

The **Online Conflict Resolution** feature can be activated in two different places:

- In your Pipeline record
- In your Promotion record

In both the records, you need to exclude the metadata types you want to resolve manually. This can be done by moving the metadata files to the Chosen column of **Exclude From Auto Resolve** field.
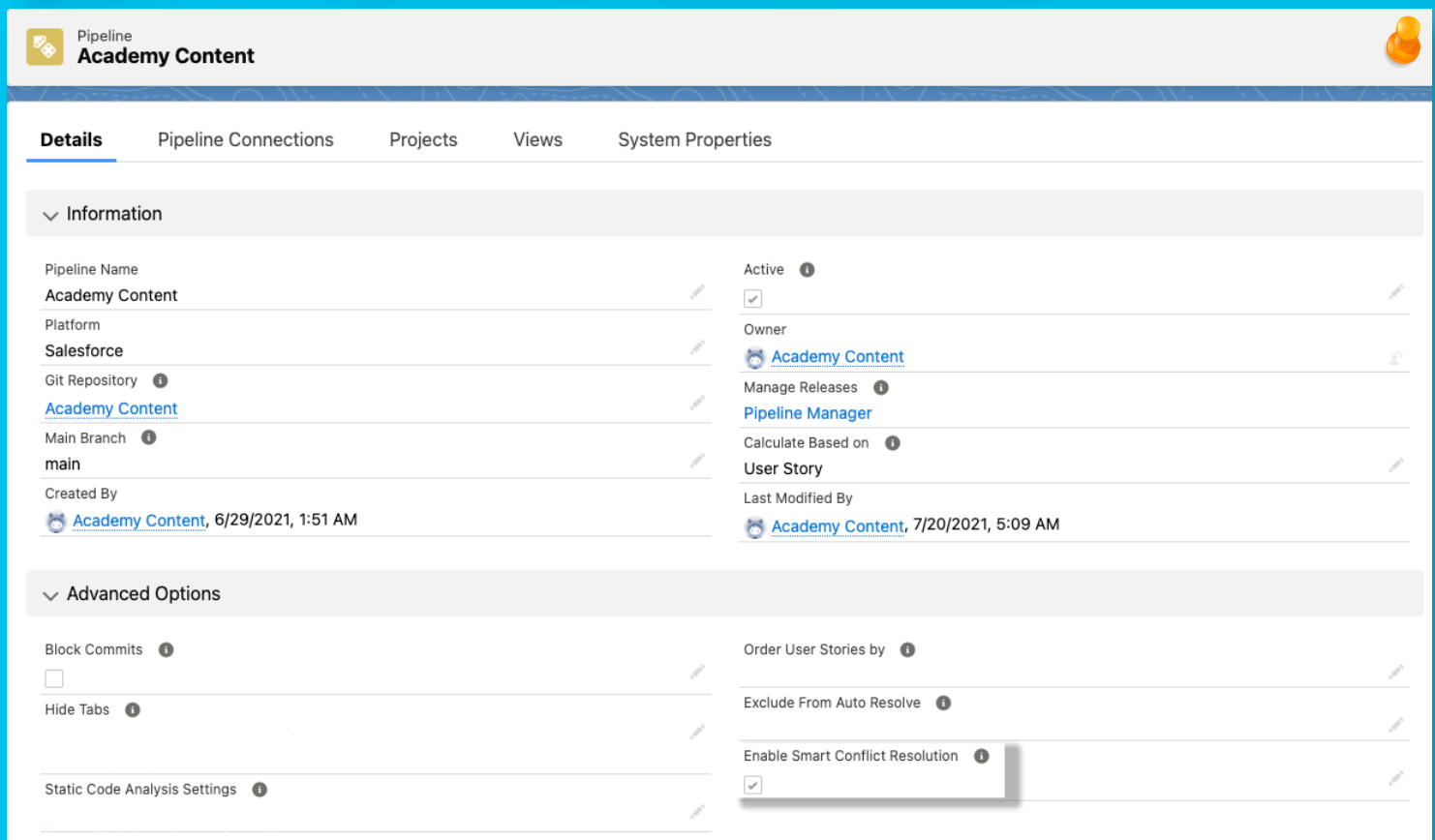
EXCLUDE FROM AUTO RESOLVE

This feature enables you to choose what metadata files you want to prohibit Copado from resolving conflict automatically.

5 STEPS TO RESOLVE CONFLICT MANUALLY

1. Activate the **Online Conflict Resolution** feature either from the Pipeline or Promotion record.
2. Select metadata file types you want to resolve conflicts manually for in the **Exclude From Auto Resolve** picklist field.
3. From the promotion record, go to the **Review Merge Conflict** tab.
4. Select the **Resolve Manually** option.
5. Once the conflict is resolved manually, click on **Save**.

SMART CONFLICT RESOLUTION FUNCTIONALITY

This feature allows you to apply the last conflict resolution strategy stored for a particular conflict. However, it can be disabled from the pipeline record by deselecting the **Enable Smart Conflict Resolution** checkbox.

Pipeline
Academy Content

| **Details** | Pipeline Connections | Projects | Views | System Properties |

Information

Pipeline Name
Academy Content

Platform
Salesforce

Git Repository
Academy Content

Main Branch
main

Created By
Academy Content, 6/29/2021, 1:51 AM

Active
☑

Owner
Academy Content

Manage Releases
Pipeline Manager

Calculate Based on
User Story

Last Modified By
Academy Content, 7/20/2021, 5:09 AM

Advanced Options

Block Commits
☐

Hide Tabs

Static Code Analysis Settings

Order User Stories by

Exclude From Auto Resolve

Enable Smart Conflict Resolution
☑