How to Sync Sprints in Jira Cloud

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This article shows how to synchronize sprints in Exalate for Jira Cloud.

> **Note**: You need to sync sprints with a trigger before syncing issues.

Introduction

Exalate for Jira Cloud allows you to do sprint synchronizations.

You can add sync rules to synchronize sprint information. Exalate considers issues and sprints as independent entities.

> **Note**: Sprint synchronization in Jira Cloud is available only for Connections in the Script Configuration Mode.

The scripts below use board IDs to identify what sprints to sync. For example, if you enter a Board ID `1`, you sync all sprints from that board.

Source Side

Outgoing Sync

To send the sprint data use the following script:

```
def boardIds = ["50", "80", "130", "144"] //Boards which sprints will get synced
if(entityType == "sprint" && boardIds.find{it == sprint.originBoardId}){
    replica.name = sprint.name
    replica.goal = sprint.goal
    replica.state = sprint.state
    replica.startDate = sprint.startDate
    replica.endDate = sprint.endDate
    replica.originBoardId = sprint.originBoardId
}
if(entityType == "issue"){
    //Executed when syncing an issue to a remote side
    replica.summary = issue.summary
    replica.description = issue.description
    replica.project = issue.project
    replica.type = issue.type
  //....
  //other script rules to sync issues
  //sprint....
    replica.customFields.Sprint = issue.customFields.Sprint
}
```

Destination Side

Incoming sync

To sync the received sprint data on your side add the code below:

```
//entityType represent the type of the remote side entity
if(entityType == "sprint"){
    //Executed when receiving a sprint sync from the remote side
    def sprintMap = ["162":"50", "197": "80", "214": "130", "225": "144"] //[remoteBoardId: localBoardId]

    sprint.name = replica.name
    sprint.goal = replica.goal
    sprint.state = replica.state
    sprint.startDate = replica.startDate
    sprint.endDate = replica.endDate
    def localBoardId = sprintMap[replica.originBoardId]
    if(localBoardId == null){
       throw new com.exalate.api.exception.IssueTrackerException("No board mapping for remote board id "+replica.ori
ginBoardId)
    }
    sprint.originBoardId = localBoardId //Set the board ID where the sprint will be created
}
if(entityType == "issue"){
    //Executed when receiving an issue sync from the remote side
 if(firstSync){
  issue.projectKey = "TEST"
    issue.typeName = "Task"
 }
   issue.summary = replica.summary
   issue.description = replica.description
//....
//other script rules to sync issues
//....
   def remoteSprintId = replica.customFields.Sprint?.value?.find { it.state.toUpperCase() != "CLOSED" }?.id
   if(remoteSprintId){
      def localSprintId = nodeHelper.getLocalIssueKeyFromRemoteId(remoteSprintId, "sprint")?.id
       if(localSprintId){
   issue.customFields.Sprint.value = localSprintId
      }
    }
 }
```

How to start Sprint Synchronization

To start the synchronization of a sprint you need to Create a Trigger and select the **sprint** entity type.

Filter sprints to sync with the If clause. For example, if you enter Board IDs `1`, `2`, and `3`, you sync all sprints from these boards. To synchronize all sprints leave the **If** block empty.

Create Trigger

Specify the search query to synchronize entities automatically. All entities that fit the query will be triggered for synchronization. **Find more details.**

Trigger will apply to selected entity type* ⓘ

```
sprint                              ⌄
```

If ⓘ   *

```
1,2,3
```

Then sync with connection*

```
⌨ Orange_to_Mars_sc...            ⌄
```

Notes

```
Sync sprints from boards with the following IDs: 1,2,3
```

Active?

✅━◯

You can check the sprint sync status with the help of the Entity Sync Status panel in the Exalate admin menu.

> Have more questions? Ask the community