

# 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.originBoardId)
  }
  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\*

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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.

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