

# How to choose a destination project based on the parent option of a cascading select custom field

JIRA ON-PREMISE

## Introduction

Imagine you have two instances *SD* and *DEV* and you need to synchronize issues from SD to DEV.

In SD you have a *Cascading Select List customField*, having two values: *product (parent)* & *version (child)*.

You want to select the correct DEV project based on the cascading field parent value 'product'.

Let's say you have, for example following products and corresponding DEV projects:

- *product\_X* => PRODX
- *product\_Y* => PRODY
- *product\_Z* => PRODZ

The scripts below help to map the parent value from the cascading select list to the projects.

## Sending side

### Outgoing sync

```
replica.customFields."Product & Version" = issue.customFields."Product & Version"
```

## Receiving side

Map the parent value from the cascading select to the projects and if a mapping for the option is not found or the option is not selected, use PRODX as a default.

### Incoming sync

```
def projectMapping = [  
  "product_X": "PRODX"  
  "product_Y": "PRODY"  
  "product_Z": "PRODZ"  
]  
  
issue.projectKey = projectMapping[replica.customFields."Product & Version"?.value?.parent?.value] ?: "PRODX"
```

Drop the synchronization (indicate that you don't want to create an issue on your side) if you don't find a mapping.

### Incoming sync

```
def projectMapping = [  
  "product_X": "PRODX"  
  "product_Y": "PRODY"  
  "product_Z": "PRODZ"  
]  
  
def projectKey = projectMapping[replica.customFields."Product & Version"?.value?.parent?.value]  
  
if (projectKey != null) {  
  issue.projectKey = projectKey  
  // your entire create processor goes here  
  // ...  
}
```

## See Also

- [How to synchronize list custom fields](#)
- [How to sync Elements Connect fields when key values are different](#)
- [How to sync Insight custom fields](#)
- [How to synchronize label custom field](#)
- [Jira on-premise: Syncing a scripted custom field with a text custom field](#)
- [Custom fields in Jira Cloud](#)
- [How to sync Organizations field on Jira Service Desk](#)
- [Custom field configuration in Jira on-premise](#)
- [How to sync Service Desk fields in Jira on-premise](#)
- [How to synchronize custom fields in Jira on-premise](#)
- [How to sync Group Picker custom field](#)
- [How to sync cascading select custom fields in Jira on-premise](#)
- [How to sync a checkbox custom field in Jira on-premise](#)
- [How to sync Group Picker custom fields in Jira on-premise](#)
- [How to sync label custom fields in Jira on-premise](#)