

How to Sync Group Picker Custom Fields in Jira On-premise

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This article shows how to synchronize Group Picker Jira custom field.

Jira provides an advanced custom field Group Picker (single group or multiple groups) which helps to choose a user group(single or multiple) in a popup picker window. You can synchronize the field values using Exalate. When syncing the group picker field Exalate checks whether the group with a certain name exists on the remote side. In case the group with such a name does not exist on the receiving side you can do the following:

- set default value
- create a group with the received group name and set the value to the custom field on the receiving side (applicable only for Jira Server)
- don't set any value and skip the sync of this field

Below you can find examples of the group picker field(single or multiple groups) synchronization for the last option: when the group does not exist on the remote side - don't set any value.

Jira Server

Group Picker(single group) Synchronization

Source side

Outgoing sync

```
if (issue.customFields."Group picker custom field name"?.value instanceof Iterable) {
    issue.customFields."Group picker custom field name".value = issue.customFields."Group picker custom field name"
    .value.find()
}
replica.customFields."Group picker custom field name" = issue.customFields."Group picker custom field name"
```

Destination side

Incoming sync

```
def remoteGroup = replica.customFields."Group picker custom field name"?.value?.name?.asString
if (remoteGroup) {
    def gm = com.atlassian.jira.component.ComponentAccessor.groupManager
    def group = gm.getGroup(remoteGroup)
    if (group) {
        issue.customFields."Group picker custom field name".value = [group]
    }
} else {
    issue.customFields."Group picker custom field name".value = null // don't sync the group picker field if a local group is not found
}
```

Group Picker (multiple groups) Synchronization

Source side

Outgoing sync

```
if (issue.customFields."Group picker custom field name"?.value instanceof Iterable) {  
    issue.customFields."Group picker custom field name".value = issue.customFields."Group picker custom field name"  
    .value  
}  
replica.customFields."Group picker custom field name" = issue.customFields."Group picker custom field name"
```

Destination side

Incoming sync

```
def remoteGroups = replica.customFields."Group picker custom field name"?.value?.collect { it.name?.asString }  
if (remoteGroups?.any { it != null }) {  
    def gm = com.atlassian.jira.component.ComponentAccessor.groupManager  
    def groups = remoteGroups  
        .collect { g -> gm.getGroup(g) }  
        .findAll()  
  
    issue.customFields."Group picker custom field name".value = groups  
} else {  
    issue.customFields."Group picker custom field name".value = []  
}
```

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