How to Sync Picklist and Picklist Multi-Select Fields in Exalate for Salesforce

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This article describes how to sync Picklist and Picklist Multi-select object fields.

Picklist sync

In this example, we are going to sync the Picklist Priority field from Salesforce Case to Jira.

Salesforce Outgoing sync rules

```
replica.priority = entity.Priority
```

Jira Incoming sync rules:

```
issue.customFields."Hobby".value = replica.priority?.value ?: "Running"
//Running will be set as a default option if Priority has no selected option
```

Jira Outgoing sync rules

```
replica.customFields."text" = issue.customFields."text"
```

Salesforce Incoming sync rules:

```
entity.SuppliedCompany = replica.customFields."text".value
```

Picklist Multi-select sync

In this example, we are going to sync the Picklist Multi-select field from Salesforce Case to Jira.

Salesforce to Jira sync

Salesforce Outgoing sync rules:

```
replica.custom_multi_picklist__c = entity.custom_multi_picklist__c
```

Jira Incoming sync rules:

```
issue.customFields."Hobby".value = replica.custom_multi_picklist__c?.value ?: "Running"
//Running will be set as a default option if custom_multi_picklist__c has no selected options
```

Another example of **Jira Incoming sync rules** that also includes **nodeHelper getOption**

```
issue.customFields."Hobby".value = replica.custom_multi_picklist__c.collect{c -> nodeHelper.getOption(issue, "Running", c.value)}
```

Jira to Salesforce sync

Jira Outgoing sync rules:

```
replica.customFields."Hobby" = issue.customFields."Hobby"
```

Salesforce Incoming sync rules:

```
entity.custom_multi_picklist__c = String.join(";", replica.customFields."Hobby".value.collect{o -> o.value }))
```

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