

How to Sync Date/Datetime in Exalate for Salesforce

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In this article, we describe how to sync Date and DateTime fields in Exalate for Salesforce.

Some instances like Salesforce that rely on customKeys or internal map do not support sync of custom fields like date/DateTime from the go.

It is required to convert the value into a Long. The incoming script is different depending on the sending side.

As an example, we use Jira to Salesforce sync:

Jira Outgoing sync rules

```
replica.customFields."DateCf" = issue.customFields."DateCf"  
replica.customFields."DateTimeCf" = issue.customFields."DateTimeCf"
```

Salesforce Incoming sync rules

```
import java.text.SimpleDateFormat;  
import java.text.DateFormat;  
  
def dateCustomFieldValue(replicaCustomField) {  
    def datePattern = "yyyy-MM-dd HH:mm:ss.S"; // define the desired date/time format  
    String dateString = replicaCustomField.value;  
    if (dateString) {  
        dateString = dateString.replaceAll("\\\\", "").trim();  
        DateFormat formatter = new SimpleDateFormat(datePattern);  
        date = formatter.parse(dateString);  
        return date.time;  
    }  
}  
  
entity.date__c = (Long) dateCustomFieldValue(replica.customFields."DateCf")  
entity.datetime__c = (Long) dateCustomFieldValue(replica.customFields."DateTimeCf")
```

Salesforce Outgoing sync rules

```
replica.date__c = entity.date__c  
replica.datetime__c = entity.datetime__c
```

Jira Incoming sync rules

Product

```
Issue.customFields."DateCf"?.value = (Long) replica.date__c  
Issue.customFields."DateTimeCf"?.value = (Long) replica.datetime__c
```

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