

How to Sync Change History to the Text Custom Field

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This article shows how to sync change history field values from the Jira cloud or Jira on-premise to a Jira cloud text custom field.

Exalate allows syncing change history between Jira On-premise instances or sending over the change history info from the Jira Cloud instance. Since there is no option to update change history on the Jira cloud instance, you can sync the change history into a text custom field. In this case, the change history gets updated on both sides.

Use the following scripts to sync change history to the text custom field:

Source Side

JIRA SERVER JIRA CLOUD

Add the code below to the **Outgoing sync rules**:

```
replica.changeHistory = issue.changeHistory
```

Destination Side

JIRA CLOUD

Add the code to the **Incoming sync rules** to add the change history information into the text custom field. Please replace the "Text Field" with your custom field name in the code below.

```
def historyToListOfStrings(history){
  def format = new java.text.SimpleDateFormat("yyyy-MM-dd")
  def date = format.format(history.created)
  history.changelItems.collect { i ->
    "|${history.author.displayName}|${date}|${i.field}|${i.fromValue}|${i.toValue}|"
  }
}
issue.customFields."Text Field".value = "||Author||Date||Field||From||To||\n"+String.join("\n",replica.changeHistory.reverse().inject([]){ result, history -> result += historyToListOfStrings(history); result })
```

You sync change history information into a text custom field in a table format:

test connections

[Attach](#) [Add a child issue](#) [Link issue](#) [▼](#) [...](#)

Description

other change, the return of changes

Text Field

Author	Date	Field	From	To
Exalate	2021-03-29	description	desc	other desc
Mariana Product	2022-01-18	description	other desc	other change
Mariana About Us Release History	2022-01-18	description	other change	other change, the return of changes

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