

How to Sync Tempo Worklogs using External Scripts in Jira Cloud?

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This article shows how to synchronize Tempo worklogs with external scripts.

Disclaimer

- There is no guarantee on its stability, as it didn't run through a complete validation cycle.
- The feature can evolve and even be retracted in case it doesn't meet our quality criteria.
- Please send feedback on our experimental features to support@exalate.com.

Introduction

With Exalate you can sync Tempo worklogs.

Synchronization of Tempo worklogs requires an exchange of the following data:

- worklog author
- issue
- description
- date: created at, update at, start date, start time,
- worked (time spent)
- remaining estimate
- tempo worklog id (only for Jira Cloud)
- Jira worklog id (if the remote side does not have tempo app, tempo worklogs would be synced into a Jira worklog fields)

Exalate supports only create worklog events synchronization. If the worklog has been updated or deleted these changes would not be synchronized.

You don't need to upload external scripts manually, because they are already deployed on the Exalate app library.

Worklog Author is a Jira user, this means that Exalate requires exchanging information from user fields. Jira Cloud users may have different user access on different instances using the same email address. Exalate uses [Tempo Cloud REST API](#) to get access to the tempo worklogs.

The script works only in case when the worklog author is a Jira Cloud user on both sides.

Configuration

1. Generate Access Token

Exalate requires access to Tempo. To grant secure, temporary access to Tempo you need to create a user access token. This access token is based on current permissions of the Jira Cloud user.

Required permissions

The user who generated the access token must have the following permissions:

- Jira permissions:
 - Create worklogs
 - View all worklogs
 - Log work for others
 - Work on issues
- Tempo permissions:
 - view team worklogs
 - manage team worklogs

Generate the Access Token under **Tempo settings - API integration** tab in your Jira Cloud settings.

2. Call the Script from the Sync Rules

Source side (Jira Cloud)

To send the data from Tempo add the code below to the **Outgoing sync** rules

```
TempoWorkLogSync.send("<admin-tempo-token-from-this-side>") // token created by admin on this side
```

Both sides (Jira Cloud)

- On both sides, add the below line of code to the end of **Incoming sync** rule using the admin's Tempo token **from the opposite side**:

```
TempoWorkLogSync.receive("<admin-tempo-token-from-remote-side>") // token created by admin on remote side
```

So, in the outgoing script we use the token from the same side that's originating the sync, in incoming script we use the token from opposite side.

Note that during **Spring 2026 the Time Tracker is moving from the legacy Atlassian Connect framework to Forge** - Atlassian's modern, secure, and scalable cloud app platform. After the migration is completed (it may happen in different time for each customer) **it may occur that the old token is not valid anymore**. In that case you only need to create the new token and replace it in the scripts accordingly to match the rules provided above.

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[API Reference](#)

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