

The Jira worklog utility

The `jira_worklog` utility allows you to enter your Jira worklog entries as easy and simple as possible from the command line.

```
# Add one day of work to Jira issue TIME-94
jira_worklog add -i time-94 -d 1d

# Give me status for the last 30 days for time-94 and time-40
jira_worklog status - time-94 time-40
```

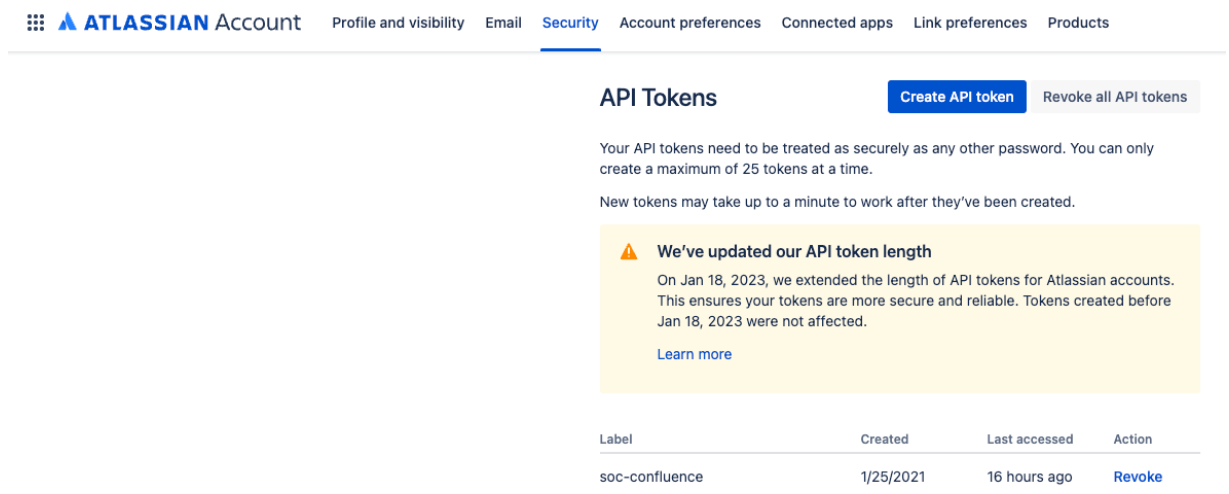
See the detailed examples below for more details.

Installation

Once you have downloaded and installed `jira_worklog` in your path:

1. Obtain a Jira API security token from:

- i. Log in to Jira
- ii. Click on the picture of yourself in the upper right corner ("Your profile and settings")
- iii. Click "Manage account"
- iv. Click "Security"



The screenshot shows the Atlassian Account Security page. The navigation bar includes 'ATLASSIAN Account', 'Profile and visibility', 'Email', 'Security' (highlighted), 'Account preferences', 'Connected apps', 'Link preferences', and 'Products'. The main heading is 'API Tokens' with buttons for 'Create API token' and 'Revoke all API tokens'. A warning message states: 'We've updated our API token length. On Jan 18, 2023, we extended the length of API tokens for Atlassian accounts. This ensures your tokens are more secure and reliable. Tokens created before Jan 18, 2023 were not affected. Learn more'. Below this is a table of API tokens.

Label	Created	Last accessed	Action
soc-confluence	1/25/2021	16 hours ago	Revoke

- v. Choose "Create and manage API tokens" allmost at the bottom of the page
- vi. Click "Create your API token" and copy the token to your clip board

2. Execute this command to create the configuration file:

```
# Creates the configuration file and stores your credentials in it
jira_worklog config --user steinar.cook@autostoresystem.com --token vbF*****E3
```

Notes on security

The configuration file is stored without encryption in a location, which depends on the operating system you are using. See the table below for details.

If you think your machine has been compromised, go to Jira account ira and "Revoke" the API key.

You can remove your local configuration file using the command: `jira_worklog config --remove`

Operating system	Config file location
MacOs:	/Users/steinar/Library/Preferences/com.autostore.jira_worklog
Windows:	C:\Users\Alice\AppData\Roaming\com.autostore\jira_worklog\config
Linux:	TBD

Examples

Here are some examples on how to use the utility.

Adding worklog entries

```
# Registers 1 hour of work on TIME-94 with a comment
# The starting point will be current time less 1 hour
jira_worklog add -i time-94 -d 1h -c "I did some great work for AutoStore"

# Registers 1 hour of work on TIME-94 at 11:00 today without a comment
jira_worklog add -i time-94 -d 1h -s 11:00

# Registers 1 day of work (7.5h) on TIME-94, starting at 08:00 today, no comments
jira_worklog add -i time-94 -d 1d

# Registers 1 day (7.5 hours) of work starting at 08:00 today with no comment
jira_worklog add -i time-94 -d 1d

#
# Add 1d of work last friday, 1d of work on last thursday, 4h of work
# last Wednesday and 1,5h on last Tuesday
jira_worklog add -i time-94 -d Fri:1d Thu:1d Wed:4h Tue:1,5h
```

Given this command:

```
jira_worklog add -i time-94 -d 13h -c "Meetings and managerial work"
```

You will get a receipt looking something like this:

Adding single entry
Using these parameters as input:

Issue: TIME-94
Started: 2023-06-05T08:12:31.467244-06:00 (computed)
Duration: 46800s
Comment: Meetings and managerial work
Added work log entry Id: 217258 Time spent: 1d 5h 30m Time spent in seconds: 46800 Comment:

Status of your worklog entries

```
#  
# Shows the status from a given date  
jira_worklog status -i time-94 -a 2023-05-01
```

This would give you something like this:

Issue	IssueId	Id	Weekday	Started	Time spent
TIME-94	125425	215834	Tue	2023-05-02 11:04 -0600	08:30
TIME-94	125425	215835	Wed	2023-05-03 09:40 -0600	09:54
TIME-94	125425	215836	Thu	2023-05-04 14:04 -0600	05:30
TIME-94	125425	215837	Fri	2023-05-05 11:49 -0600	07:45
TIME-94	125425	215830	Mon	2023-05-08 12:03 -0600	07:30
TIME-94	125425	215831	Tue	2023-05-09 09:54 -0600	09:39
TIME-94	125425	215832	Wed	2023-05-10 12:03 -0600	07:30
TIME-94	125425	215833	Thu	2023-05-11 13:03 -0600	06:30
TIME-94	125425	215825	Tue	2023-05-23 09:03 -0600	10:00
TIME-94	125425	215826	Wed	2023-05-24 09:00 -0600	10:30
TIME-94	125425	214472	Thu	2023-05-25 08:00 -0600	09:30
TIME-94	125425	214471	Fri	2023-05-26 08:00 -0600	12:30
TIME-94	125425	214470	Sat	2023-05-27 08:00 -0600	03:30
TIME-94	125425	215824	Sun	2023-05-28 15:02 -0600	04:00
TIME-94	125425	216572	Mon	2023-05-29 08:00 -0600	01:00
TIME-94	125425	215827	Tue	2023-05-30 08:00 -0600	14:21
TIME-94	125425	215828	Wed	2023-05-31 08:00 -0600	14:15
TIME-94	125425	215829	Thu	2023-06-01 06:47 -0600	12:45
TIME-94	125425	216585	Fri	2023-06-02 13:08 -0600	07:00

```
CW Date      Day Duration  
18 2023-05-02 Tue 08:30  
18 2023-05-03 Wed 09:54  
18 2023-05-04 Thu 05:30  
  
18 2023-05-05 Fri 07:45  
-----  
ISO week 18, sum: 31:39  
=====
```

```
19 2023-05-08 Mon 07:30  
19 2023-05-09 Tue 09:39  
19 2023-05-10 Wed 07:30  
19 2023-05-11 Thu 06:30  
-----  
ISO week 20, sum: 31:09  
=====
```

```
21 2023-05-23 Tue 10:00  
21 2023-05-24 Wed 10:30  
21 2023-05-25 Thu 09:30
```

```
21 2023-05-26 Fri 12:30
21 2023-05-27 Sat 03:30
21 2023-05-28 Sun 04:00
```

```
-----
ISO week 21, sum: 50:00
=====
```

```
22 2023-05-29 Mon 01:00
22 2023-05-30 Tue 14:21
22 2023-05-31 Wed 14:15
22 2023-06-01 Thu 12:45
22 2023-06-02 Fri 07:00
```

```
-----
ISO week 22, sum: 49:21
=====
```

May 142:24

Removing entries

We all make mistakes every now then. To remove an entry you need to specify the `issueId` or `key` and the `worklog id` :

```
# Removes a work log entry for issue TIME-94 with worklog id of 216626
jira_worklog del -i time-94 -w 216626
```