

Process Mining for Jira Cloud



WARNING, THIS DOCUMENTATION IS OBSOLETE, PLEASE ACCESS TO THE NEW DOCUMENTATION [THROUGH THIS LINK](#)

General Information

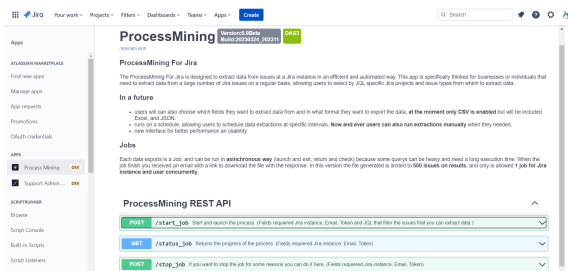
On this page



- General Information
- Process Mining for Jira Cloud
- Description
- Install and configuration
- How does it work?
- Release Notes

Process Mining for Jira Cloud

by [MrAddOn®](#) by TecnoFor



Cloud



Paid



The **ProcessMining For Jira** is designed to extract data from issues at a Jira instance in an efficient and automated way. This app is specifically thought for businesses or individuals that need to extract data from a large number of Jira issues on a regular basis, allowing users to select by JQL specific Jira projects and issue types from which to extract data.

➤ Description

The ProcessMining For Jira is designed to extract data from issues at a Jira instance in an efficient and automated way. This app is specifically thought for businesses or individuals that need to extract data from a large number of Jira issues on a regular basis, allowing users to select by JQL specific Jira projects and issue types from which to extract data.

In a future

- users will also be able to choose which fields they want to extract data from and in what format they want to export the data, **at the moment only CSV is enabled** but will be included Excel, and JSON.
- runs on a schedule, allowing users to schedule data extractions at specific intervals. **Now and ever users can also run extractions manually** when they needed.
- new interface for better performance and usability

Take a look to this short video:

➤ Install and configuration

Install in Jira by your Jira Admin using the standard view of "Find new Apps"

Jira navigation bar: Your work, Projects, Filters, Dashboards, Teams, Apps, Create. Search bar.

Apps sidebar: ATlassian Marketplace, Find new apps, Manage apps, App requests, Promotions, OAuth credentials, APPS (Process Mining, Support Admin ...), SCRIPTRUNNER, Browse, Script Console.

Apps list:

- Kanban Combined WIP for Jira Cloud - DEVELOPMENT
- New Status Colors PRO for Jira Cloud - DEVELOPMENT
- Process Mining for Jira - DEVELOPMENT (selected)
- QR Issue Card Printer for Jira Cloud - DEVELOPMENT
- Support Admin Tools & Announcement Banner for Jira Cloud - DEVELOPMENT
- Timesheets (Free trial)

Process Mining for Jira - DEVELOPMENT details:

Configure Uninstall

No screenshots available

Version: 2.16.0
Vendor: Tecnofor Products
Support: Supported by vendor

This app has no modules.

Now click in "Apps" "Process Mining" and click in "Allow Access"

Jira navigation bar: Your work, Projects, Filters, Dashboards, Teams, Apps, Create. Search bar.

Apps sidebar: ATlassian Marketplace, Find new apps, Manage apps, App requests, Promotions, OAuth credentials, APPS (Process Mining, Support Admin ...), SCRIPTRUNNER, Browse, Script Console.

Process Mining for Jira - DEVELOPMENT details:

Allow access


For this app to display, you need to allow the app to access Atlassian products on your behalf.

And accept the permissions to allow "processmining.tecnofor.es" domain! That's all!!! App ready to be used



Process Mining for Jira is requesting access to your Atlassian account.

This will allow Process Mining for Jira to:

 In User, it would like to:

View

> me

Process Mining for Jira can send data to the following domain:

▼ 1 external domain

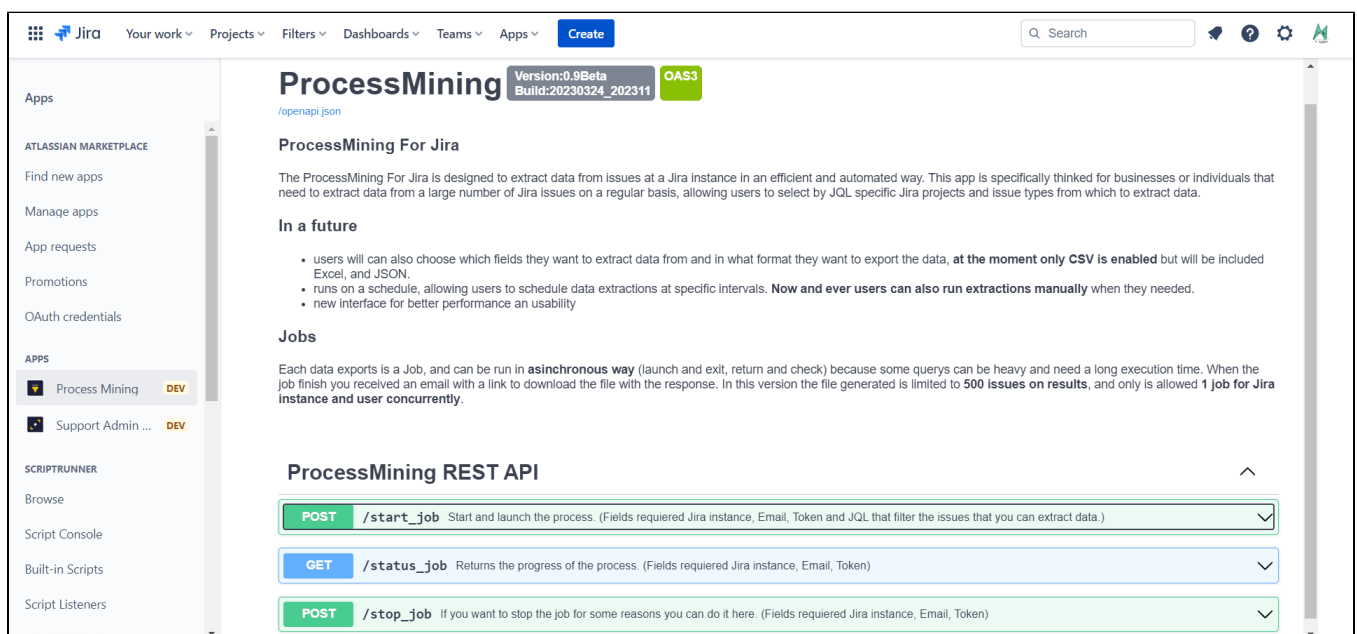
• processmining.tecnofor.es

➤ How does it work?

Only Jira Admins can use this App. Just go to "Apps" "Process Mining" and click in "/start_job" POST method

Jobs

Each data exports is a Job, and can be run in **asynchronous way** (launch and exit, return and check) because some queries can be heavy and need a long execution time. When the job finish you received an email with a link to download the file with the response. In this version the file generated is limited to **500 issues on results**, and only is allowed **1 job for Jira instance and user concurrently**.



The screenshot shows the Jira App Marketplace interface. On the left, there's a sidebar with navigation options: Apps, ATlassian Marketplace, Find new apps, Manage apps, App requests, Promotions, OAuth credentials, APPS (with sub-items: Process Mining, Support Admin ...), SCRIPTRUNNER, Browse, Script Console, Built-in Scripts, Script Listeners, and Scheduled jobs. The main content area displays the 'ProcessMining' app by 'tecnofor'. It includes the app's version (0.9Beta), build number (20230324_202311), and OAS3 icon. Below this, there's a description of the app's purpose: to extract data from Jira issues efficiently. A section titled 'In a future' lists upcoming features: users can choose fields and export formats (CSV, Excel, JSON), scheduled extractions, and a manual extraction interface. The 'Jobs' section explains the asynchronous workflow and the 500-issue limit. At the bottom, the 'ProcessMining REST API' section lists three endpoints: POST /start_job (to launch the process), GET /status_job (to check progress), and POST /stop_job (to stop the process).

- Click in **"/start_job"** expand the method and click in the button **"Try it out"**
 - Please fill the input parameters:
 - **Email**
 - **Token**. Obtain one from <https://id.atlassian.com/manage-profile/security/api-tokens>
 - **JQL**. A Jira Query Language sentence to obtain tickets from some projects. Example: **project = JIRA**
 - Click in **"Execute"** button
 - When the process finish, you will get **an email with a link to download the CSV file**

POST /start_job Start and launch the process. (Fields required: Jira instance, Email, Token and JQL that filter the issues that you can extract data.)

Parameters

Name	Description
urlbase * required string (query)	<input type="text" value="https://mraddon.atlassian.net"/>
email * required string (query)	<input type="text" value="email"/>
token * required string (query)	<input type="text" value="token"/>
JQL * required string (query)	<input type="text" value="JQL"/>

Execute

Responses

Code	Description	Links
200		

- Here an example of a succesful call to **"/start_job"**

POST /start_job Start

Parameters

Cancel

Name	Description
uribase * required string (query)	https://itsmforjirademo.atlassian.net/
email * required string (query)	atlassiansupportdesk@
token * required string (query)	ATA
JQL * required string (query)	project = IOJ and (key>='IOJ-27421' AND ke

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'http://192.168.177.17:8088/start_job?uribase=https%3A%2F%2Fitsmforjirademo.atlassian.net%2Femail%40atlassiansupportdesk%40technofores.es&token=ATATT3xfFGf9TB3aKdEHgT1_DEH00bfyQV30u47N2Jk4MwE2xw3rAH31ydgH4b2Mw4Q381F16fT5f1nbyfOh-SANwim36rtg3Kmkf-q6k55QwJ-wlGcCwu7W0rF0HoderqfK6sd150ryqgZa1D_Er6vix30s85C2a' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

```
http://192.168.177.17:8088/start_job?uribase=https%3A%2F%2Fitsmforjirademo.atlassian.net%2Femail%40atlassiansupportdesk%40technofores.es&token=ATATT3xfFGf9TB3aKdEHgT1_DEH00bfyQV30u47N2Jk4MwE2xw3rAH31ydgH4b2Mw4Q381F16fT5f1nbyfOh-SANwim36rtg3Kmkf-q6k55QwJ-wlGcCwu7W0rF0HoderqfK6sd150ryqgZa1D_Er6vix30s85C2a
```

Server response

Code Details

200

Response body

```
{
  "message": "https://technofores-processmining.s3.amazonaws.com/CSV/atlassiansupportdesk%40technofores.es.csv?AWSAccessKeyId=AKIA3TCBP5R2BAU0T3A8&Signature=gCJISyc0mzdV8BYZw6w@CldotkX3D8Expires=168258218"
}
```

Response headers

Download

Link to download CSV

- Exists other methods like "/status_job" or "/stop_job". If your export is becoming too large, you can always cancel the import using stop_job, or you can know the status of the job using "/status_job". The parameters are the same. **Only one job at same time is accepted by instance.**

- The final result will be an **email** with a link to the **CSV file**:
 - Process mining assumes the existence of an event log where each event refers to a case, an activity, and a point in time. An event log can be seen as a collection of cases and a case can be seen as a trace/sequence of events.

Event data may come from a wide variety of sources:

- a **comma-separated values (CSV) file or spreadsheet**,
- a database system (e.g., patient data in a hospital),
- a transaction log (e.g., a trading system),
- a business suite/ERP system (SAP, Oracle, etc.),
- a message log (e.g., from IBM middleware),
- an open API providing data from websites or social media,

CSV

- Ideally, event logs are stored in the standard format for process mining XES. However, the native format is seldom and an event log. Often Comma-Separated Values (CSV) files are used as an intermediate format. The rows in a CSV file correspond to events and the columns to attributes of events. There should be columns for the case identifier, the activity name, and the timestamp of an event, but there may be many more attributes.
- ProM and most other process mining tools (Celonis, UiPath, Minit, Apromore, Inverbis, etc.) can convert a CSV file into an event log by assigning columns to process mining concepts.

patient	activity	timestamp	doctor	age	cost
5781	make X-ray	23-1-2014@10.30	Dr. Jones	45	70.00
5541	blood test	23-1-2014@10.18	Dr. Scott	61	40.00
5833	blood test	23-1-2014@10.27	Dr. Scott	24	40.00
5781	blood test	23-1-2014@10.49	Dr. Scott	45	40.00
5781	CT scan	23-1-2014@11.10	Dr. Fox	45	1200.00
5833	surgery	23-1-2014@12.34	Dr. Scott	24	2300.00
5781	handle payment	23-1-2014@12.41	Carol Hope	45	0.00
5541	radiation therapy	23-1-2014@13.57	Dr. Jones	61	140.00
5541	radiation therapy	23-1-2014@13.08	Dr. Jones	61	140.00
..

case id

activity name

timestamp

resource

other data

Release Notes

2023-03-27 First version of the App