

# Jindex User Manual

This document is a guide on how to set up and work with Jindex.

## Requirements

- Python 3.12.3 or higher

## Configuration

On the config folder you will find config.yml. Inside of it there are the configuration values of the application. First, you should configure the default domain which will serve as the default profile value if none is specified. DO NOT CHANGE THE NAME.

```
default:
  user: "unCorreo@dominio.com"
  password: "un-token-de-jira"
  url: "https://tu.jira.net"
  query: 'project = superProyecto order by created ASC'
  fields:
    - "id"
    - "fields/worklog/worklogs/*/timeSpent"
```

- User: your user email for Jira.
- Password: one authentication token provided by Jira (go to [Atlassian](#) and create a token, use it here).
- Url: the url to the Jira you want to consult.
- Query: the jql query to filter the tickets (we recommend that first you make it on Jira and then copy it here).
- Fields: the ticket path to the fields you want to check, we recommend using the check mode of the application to see where and how to access them.

You can create new profiles with whatever name you like. Just make sure they have all these fields, there is an example in the file.

You can also change the path of the application output by changing this option.

```
config:
  output: "output/"
```

## Runing the app

You have to setup a virtual environment before running the app and install all required libraries. The easy way to do this is executing one of the scripts provided. We recommend using either `launchAndSetEnv_print.linux.sh` (Linux) or `launchAndSetEnv_print.win64.bat` (Windows). The second one requires 2 executions to work.

You can use the `.bat` files on a Windows environment to run either the test, print or excel. The same is true with the `.sh` files on Linux environment.

To invoke the application on a console or terminal use the following structure:

```
python ./Jindex.py [(-p | --profile) profileName] (test | print | excel)
```

[] means optional. () means mandatory between the given options.

Examples:

- `python ./Jindex.py print`
- `python ./Jindex.py -p myProfileName excel`
- `python ./Jindex.py --profile myProfileName test`

Test will print on console the raw data of the first ticket the selected profile gets. This function intends to give the user a view of the data structure and the path they must follow to the information they want.

Print will print the processed result of the query and field filtering on console. This function serves as a previsualization of the data.

Excel will generate a excel file with the tabulated data resulted of the query and field filtering.