

Confluence&Jira Application Link

Created by Pierre BOINNOT, last modified on Jul 18, 2019

Create Key Pair on Linux

Create a new key pair, using the following commands:

1. `openssl genrsa -out tooling_automation_jira.pem 2048`
2. `openssl rsa -pubout -in tooling_automation_jira.pem -out tooling_automation_jira.pub`

OAuth Authentication

Once an applicatoin has been declared, an OAuth token has to be generated (or more than one token, an application is not limited to one user).

A token generator is available (`oauth_token_generator.py`) in the `GBSEngieDigital/tools-scripts-misc` repository.

This script is in Python 3. It requires two external libraries, `tlslite` and `oauth2`.

This script is interactive: it provides a link, that has to be accessed in a 10-minute gap, that will validate it and create the final token. The generated token will have the rights of the acknowledging user.

It takes the following parameters:

- `tool` (confluence or jira, or their uat variants `confluence.uat` or `jira.uat`)
- `consumer_key`
- `private_key_file`

Usage

```
python3 oauth_token_generator.py confluence TOOLINK_KEY tooling_confluence.pem
```

Any user can acknowledge a token (which will provide its rights only), and there can be many simultaneously defined tokens.

Please note that if you remove the application link, all corresponding oauth token will be removed too.

Further Reading

<https://developer.atlassian.com/cloud/jira/platform/jira-rest-api-oauth-authentication/>

No labels