Refresher : : CHEAT SHEET

About

The refresher provide API to synchronize downloader data by rerunning the refresher functions for each respective downloader.

Project Config Setup

Project configuration files are used to store variables that contain information about a project.

Required Fields

- **jira:**
  - project_key_1
      - domain
      - project_key_name
      - issues
      - issues_comments
  - project_key_2
      - domain
      - project_key_name
      - issues
      - issues_comments

The file "tools.yml" must also be configured. See README.md for more information on 3rd party software dependencies.

Folder Organization

Kaiaulu ← Project Name

Bugzilla: issues, issues comments
GitHub: issues, issues comments
Mail: mod_mbox, pipermail
Jira: issues, issues comments
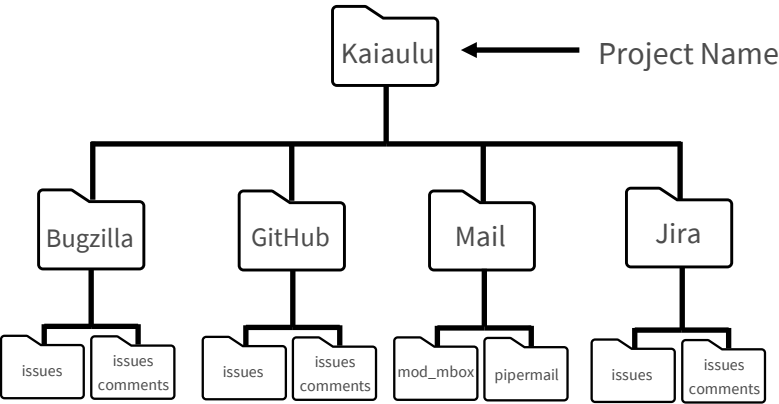
Naming Convention

All refresh functions will ensure a **naming convention** of the start and **end datetime** contained in the file

```
refresh_jira_issues()
github_api_project_issue_refresh()
refresh_bugzilla_issues_comments()
refresh_mod_mbox()
```


kaiaulu_13625_**32473**.json   kaiaulu_32485_**59010**.json   kaiaulu_59111_**65781**.json

Refresh Issues and Mail

By calling the refresh functions again, against the same folder that already contains data, and which follows the **naming convention**, additional files will be added to the current date.

```
refresh_jira_issues(start_datetime, …)
github_api_project_issue_refresh(start_datetime, …)
refresh_bugzilla_issues_comments(start_datetime, …)
refresh_mod_mbox(start_datetime, …)
```


kaiaulu_13625_**32473**.json   kaiaulu_32485_**59010**.json   kaiaulu_59111_**65781**.json

kaiaulu_65790_**79010**.json   kaiaulu_79215_**84672**.json

The **highest timestamp** in the suffix of a file name in the data folder is used to identify the file that contains the most recent issue, comment, or email. This is then used as the new highest timestamp for the refresher function.

Refresh Script

Executable scripts for refresh functionality callable from the command line allows integration with Cron jobs to automate data synchronization.

refresh_jira_issues()   exec/jira.R   terminal
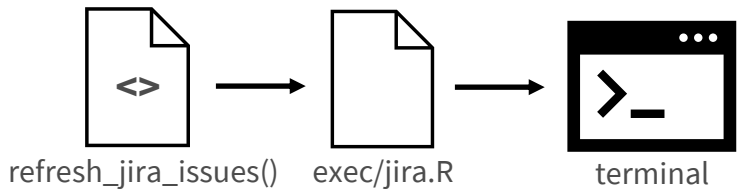
Monitoring System

The monitoring system utilizes Cron jobs to call refresh scripts every x minutes (E.g., 60 minutes). The refresher script is called regularly to ensure that local data is always up to date without manual intervention.

60 min

Jira project activity   **exec/jira.R** ← conf

Jira: issues, issues comments

Kaiāulu