

# Jira plugin

CLI support for JIRA interaction

## Description

This plugin provides command line tools for interacting with Atlassian's [JIRA](#) bug tracking software.

The interaction is all done through the web. No local installation of JIRA is necessary.

In this document, "JIRA" refers to the JIRA issue tracking server, and `jira` refers to the command this plugin supplies.

## Usage

This plugin supplies one command, `jira`, through which all its features are exposed. Most forms of this command open a JIRA page in your web browser.

```
jira                # performs the default action

jira new            # opens a new issue
jira dashboard      # opens your JIRA dashboard
jira tempo          # opens your JIRA Tempo
jira reported [username] # queries for issues reported by a user
jira assigned [username] # queries for issues assigned to a user
jira myissues       # queries for you own issues
jira branch         # opens an existing issue matching the current branch name
                    # The branch name may have prefixes ending in "/": "feature/MP-1234",
                    # and also suffixes starting with "_": "MP-1234_fix_dashboard"
                    # In both these cases, the issue opened will be "MP-1234"
jira ABC-123        # opens an existing issue
jira ABC-123 m      # opens an existing issue for adding a comment
```

## Debugging usage

These calling forms are for developers' use, and may change at any time.

```
jira dumpconfig    # displays the effective configuration
```

## Setup

The URL for your JIRA instance is set by `$JIRA_URL` or a `.jira_url` file.

Add a `.jira-url` file in the base of your project. You can also set `$JIRA_URL` in your `~/.zshrc` or put a `.jira-url` in your home directory. A `.jira-url` in the current directory takes precedence, so you can make per-project customizations.

The same goes with `.jira-prefix` and `$JIRA_PREFIX`. These control the prefix added to all issue IDs, which differentiates projects within a JIRA instance.

For example:

```
cd to/my/project
echo "https://jira.atlassian.com" >> .jira-url
```

(Note: The current implementation only looks in the current directory for `.jira-url` and `.jira-prefix`, not up the path, so if you are in a subdirectory of your project, it will fall back to your default JIRA URL. This will probably change in the future though.)

## Variables

- `$JIRA_URL` - Your JIRA instance's URL
- `$JIRA_NAME` - Your JIRA username; used as the default user for `assigned / reported` searches
- `$JIRA_PREFIX` - Prefix added to issue ID arguments
- `$JIRA_RAPID_BOARD` - Set to `true` if you use Rapid Board
- `$JIRA_DEFAULT_ACTION` - Action to do when `jira` is called with no arguments; defaults to "new"

## Browser

Your default web browser, as determined by how `open_command` handles `http://` URLs, is used for interacting with the JIRA instance. If you change your system's URL handler associations, it will change the browser that `jira` uses.