
Building

To create a runnable jar, run the following script in the root of the project.

```
bin/package
```

This will run all the unit tests, and if they pass, create a target folder which contains the jar file with dependencies, along with code-coverage reports. To remove this folder run

```
bin/clean
```

Testing

To run unit tests:

```
bin/unit_test
```

And run integration tests with

```
bin/it_test
```

To view current code coverage status, navigate to: <http://codecoverage.tictactoes.co.vu/>

Travis builds and deployment

Each time something is pushed to the repo from any branch, travis will run unit and integration tests to make sure the build passes. If the push was made to the master branch and all tests passed, travis will deploy the new version to heroku, and the changes go live.

Development lifecycle

If you wish to contribute to TicTacToes you should follow these simple steps:

1. Create a feature branch.
2. Run `bin/unit_test`
3. Add a test for the functionality you are trying to add (it should fail initially)
4. Make the test pass in whatever way possible

5. commit your changes.
6. Repeat the above steps in a interative fashion until you have readable, logical code that belongs in the project.
7. Push to your feature branch (This will start a travis build, which runs all unit and integration tests)
8. Navigate to github.com and create a pull request.
9. Wait for a core developer to review your pull request
10. If your request is rejected, review the feedback and go back to step 2.
11. otherwise, congratulations, you have successfully helped revolutionize the world of tic-tac-toe!