

## Software Documentation

### **Installation:**

To install our software, clone the extended github repository with the command:

```
git clone https://github.com/jfeltman/Team-Teamwork-CSStructural.git
```

Once the repository has been cloned and assuming CheckStyle is already installed, follow these instructions to import the project into eclipse:

1. Go to 'File'
2. Click on Import -> General -> Existing Project into Workspace
3. Click in 'Browse' and go to the directory where you cloned Team-Teamwork-CSStructural
4. Select the net.sf.eclipse.sample directory of the repository
5. Select all projects
6. Click on "Copy into Workspace"
7. Click on Finish

Now you should have the sample project imported into Eclipse, and it can be run by:

1. Right clicking net.sf.eclipse.sample (root directory)
2. Then select "Run as Eclipse Application"

### **Use:**

To use our project, please follow the instructions above for installing it, then once you have run the Eclipse Application follow these instructions:

1. Go to "Eclipse-> Preferences->CheckStyle"
2. Create new configuration
  - a. Click on New and give it a name then ok
  - b. Double click to configure
  - c. Select "Super Check", "Halstead Check", and "Maintainability Index" from My Custom Checks and click on Add then Ok.
  - d. Set the new config as default then click on "Apply and close"
3. Too see the checks
  - a. Import a new project (In the running Eclipse Application)
  - b. Right click on project -> Properties. Make sure the right config is selected.
  - c. Right click on the source code file and go to Checkstyle->Check code with CheckStyle
  - d. Open CheckStyle viewer to see all the Structural Metrics