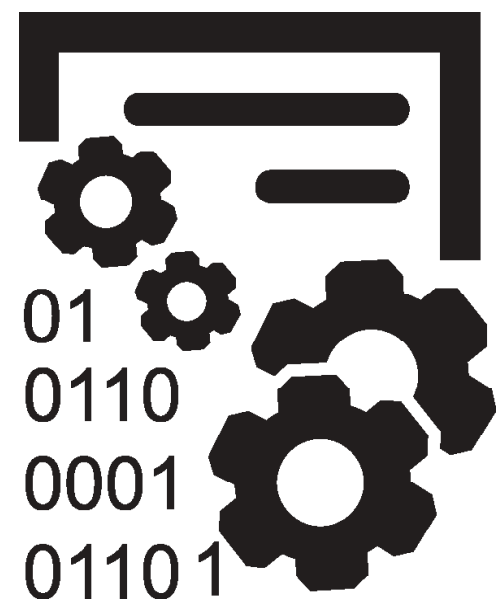


# SPOON

<http://github.com/INRIA/spoon>

Open source library to analyze, rewrite, transform, transpile Java source code.

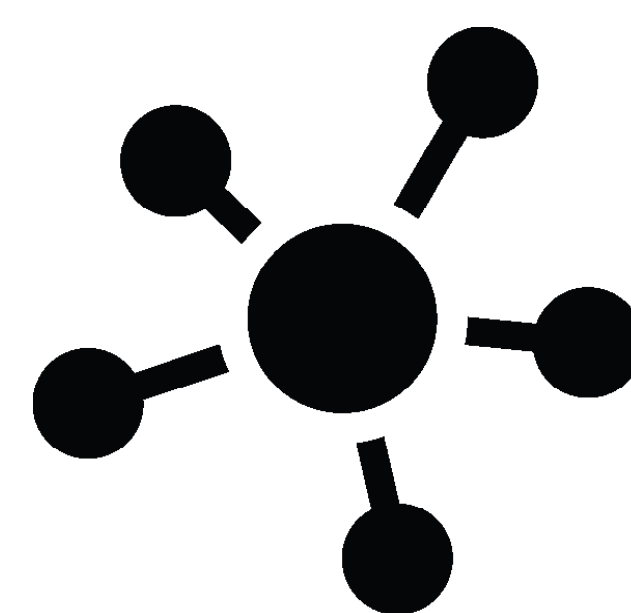


Spoon takes in input source code and builds a well-formed AST. It scales from one single Java class to ultra-large applications.

## Transfos

With templates and processors, Spoon can apply complex transformations on source code. It then pretty-prints the transformed code on disk. This is fully integrated in Maven and Gradle.

## AST



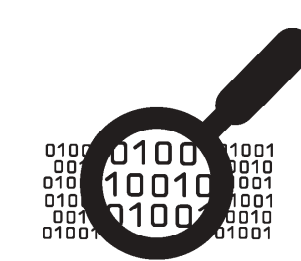
## SPOONLABS: USECASES



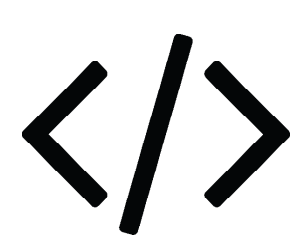
## Metrics

**Code metrics:** use Spoon to quickly compute customized code metrics on your projects

**Architecture checking:** use Spoon to automatically verify architectural rules on your projects



## Testing



## Transpiling

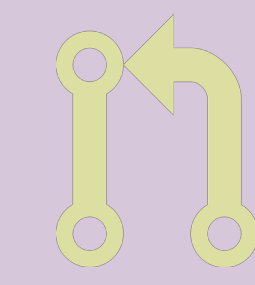
**Code transpiling:** use Spoon to easily transform Java code to other formats

**Code instrumentation:** use Spoon to insert probes in your applications for coverage, logging, hotpatching, etc



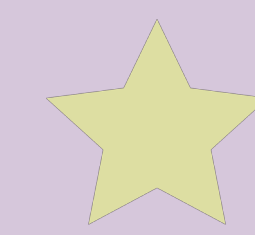
## Instrumenting

## STATISTICS



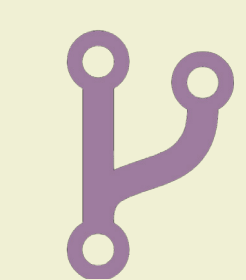
**665 Pull Requests**

Number of pull requests merged from the community.



**303 Stars**

Keep track of repositories that users find interesting.



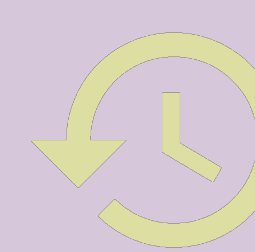
**66 Forks**

Experiments changes without affecting the original project.



**30 Contributors**

Committing to the master branch of the repository



**1500+ Commits**

Previous commits that were made to the project

Statistics taken from the GitHub project January 23, 2017

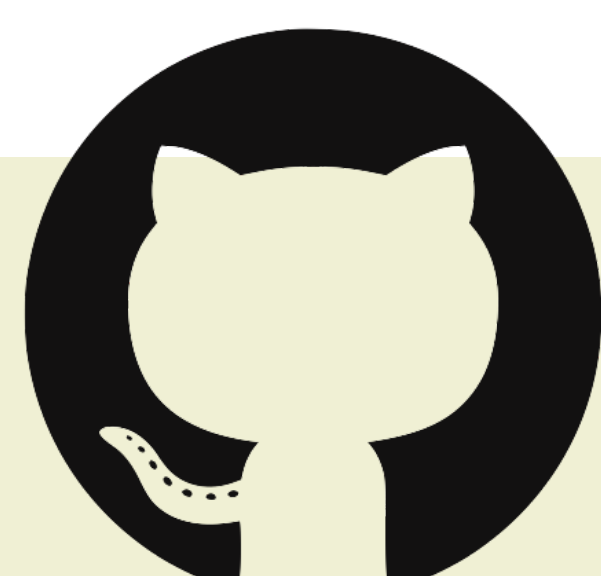
## TECHNOLOGIES



Java



Git



GitHub



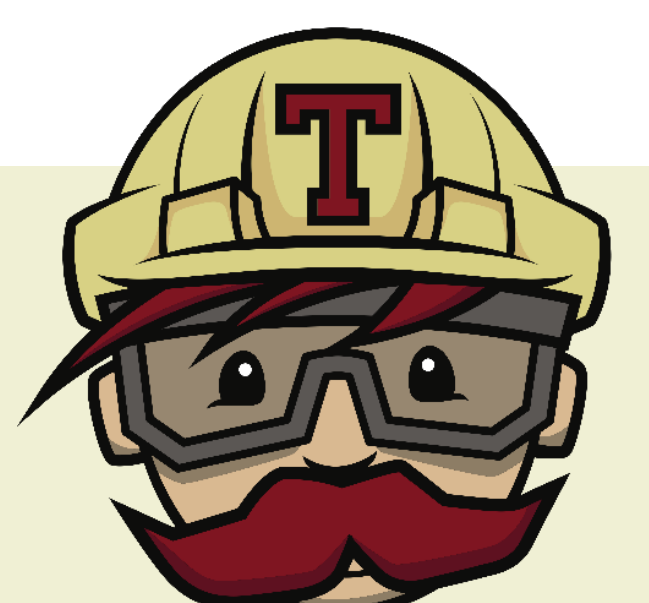
Gradle

**maven**

Maven



Jenkins



Travis

