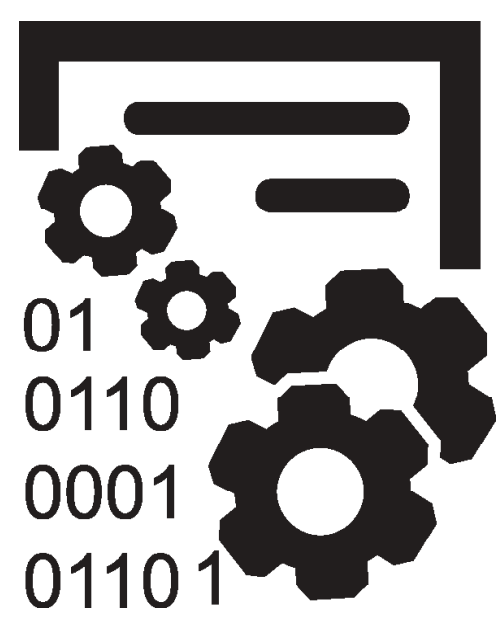


# SPOON

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

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

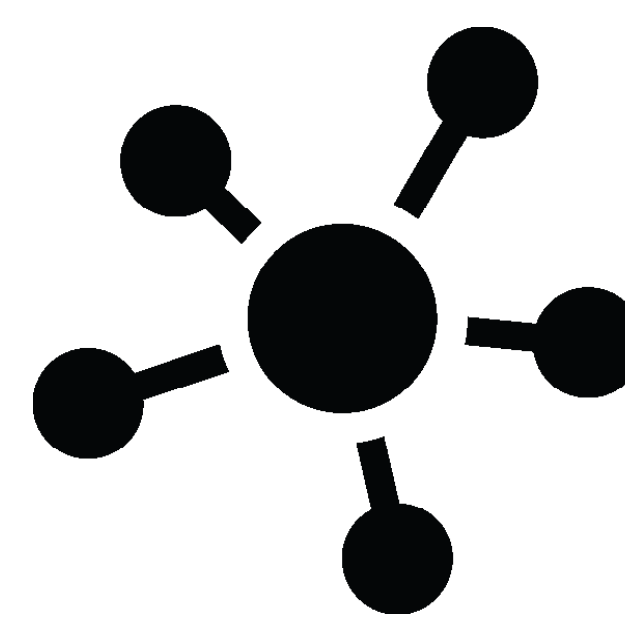


## Transfos

Spoon compiles original sources with JDT and builds an Spoon AST from JDT's AST. Spoon takes in input source code. This can be one single page or a project.

Spoon prints sources analysed or transformed at a location given by the developer. With templates and processors, Spoon applies transformations on source code.

## AST



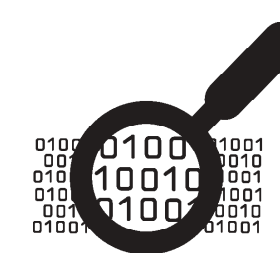
## SPOONLABS: USECASES



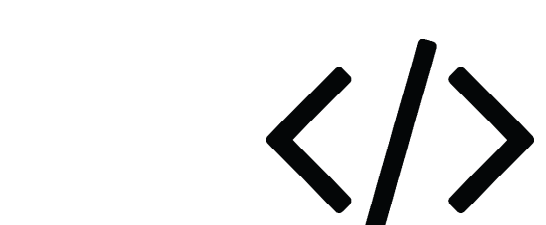
### Metrics

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

**Architecture checking:** use Spoon to automatically assert specific architectural properties on your projects.



### Testing



### Transpiling

**Code transpiling:** use Spoon to transform easily a java code to other formats.

**Code instrumentation:** use Spoon to insert probes in your applications during build for coverage, logging, ...



### Instrumenting

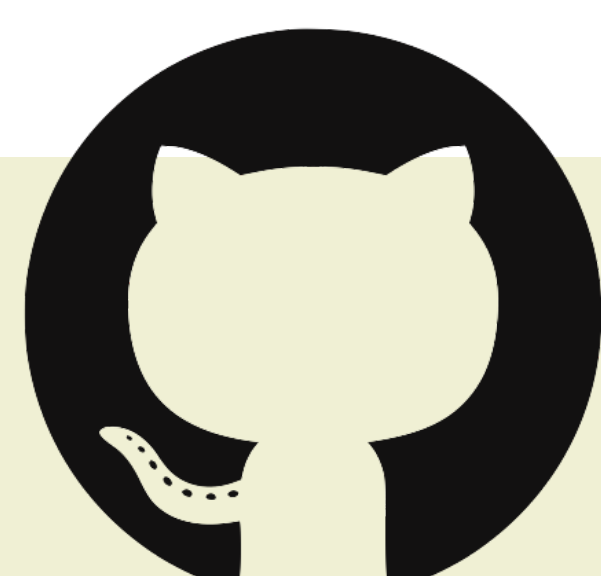
## TECHNOLOGIES



Java



Git



GitHub



Gradle

**maven**

Maven



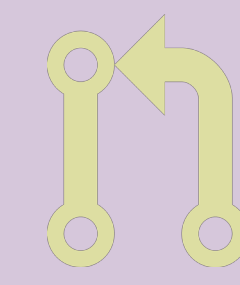
Jenkins



Travis

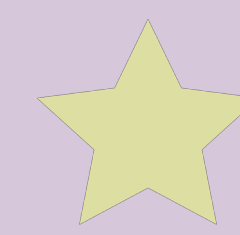


## STATISTICS



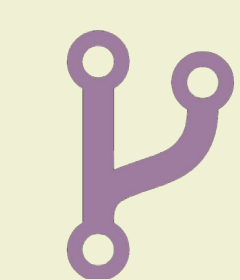
**665 Pull Requests**

Number of pull requests merged from the community.



**303 Stars**

Keep track of repositories that users find interesting.



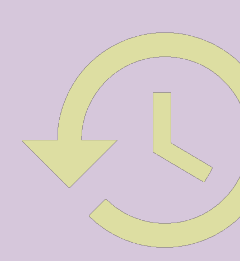
**66 Forks**

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