

RGSoC - Diversifying Tech, One Summer At a Time

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(<https://railsgirlssummerofcode.org/>)



RAILS GIRLS SUMMER OF CODE

FULLTIME + 3 MONTHS + SPONSORED + WORLDWIDE

GETTING MORE WOMEN INTO OPEN SOURCE

Motivation behind the program

[WIP]

Misconception about the program

[WIP]

Statistics of year 2017

[WIP]

Statistics of last 5 years
[WIP]

How program works?

Timeline Announcement

Call For Projects

Projects Announcement

Call For Applications

Selection Process

Roles



RGSOC
Orga

Supervisor



RGSOC
Team

Mentor



Coaches



Students

How program changed over the years?

**Stories which inspires us to continue the program
[WIP]**

Python Projects involved [WIP]



Project VOC is part of the
BeeWare suite

Project VOC

VOC is a transpiler for converting
Python code to Java bytecode

→ **About our project**

- Features and Overview
- Where can VOC be used?

→ **Your first contribution**

- Very beginner friendly
- Helpful mentors and community

Project VOC

VOC serves two major functions:

- Compiles Python 3.4+ source files into Java class files, enabling you to run Python code on a JVM (including Android's VM).
- Provides an API to let you programmatically create Java class files.



Project VOC

About our contributions:

- Writing operator implementations
- Implementing stubbed out datatypes





coala

A unified interface for language independent static code analysis and linting



coala

102 NATIVE & LINTER BEARS INCORPORATED



64 PROGRAMMING LANGUAGES SUPPORTED



55 GITHUB REPOSITORIES



8 EDITOR PLUGINS



1041 COMMUNITY MEMBERS



- **coala : The Application**
 - Why emphasize on code quality
 - How coala works
 - Basic features
 - coala bears - Native and Linter bears
 - Optimization in coala
- **coala CI/CD pipeline**
 - Getting hands dirty with TDD
 - Why codecov is important
- **coala: The Community**
 - Getting started
 - The Newcomer's Guide
 - Performing code reviews

Our Summer in Numbers

Team 200OK for coala

Pull Requests
Raised

11+



20+

Pull Requests
Reviewed

Lines of Code
Written

1700+



7+

Blog Posts
Written

Daily logs
Written

53+



- Writing Linter bears for coala
 - Walkthrough of writing a bear
 - Ruby Flog
 - HamI-lint
 - Oclint
 - SpotBugs
- Fortnightly Blogs
 - Documenting our learning as we go
- Community Bonding & Outreach
 - Code reviews
 - Meetups
 - Open source sessions
 - Conferences

Interns' experience with RGSoC

**RGSoC's plans for the next year
[WIP]**

Increasing the participation of Python projects

Questions and discussion