



Pro tip: Ralang relies heavily on the Java Virtual Machines, so ensure you have version 7 or above to be able to run your programs successfully. You will also need Jasmin installed on your machine to generate class JVM files.

Latest Ralang developments:

- Windows and Linux compatible
- Source file checker
- Working parser
- Print statements
- Mathematical expression
- Boolean expression
- Boolean operation
- If and Else branches
- Method declaration
- Recursion
- Variables
- Multiple functions arguments
- Function's returning values
- Multiple functions

Planned developments:

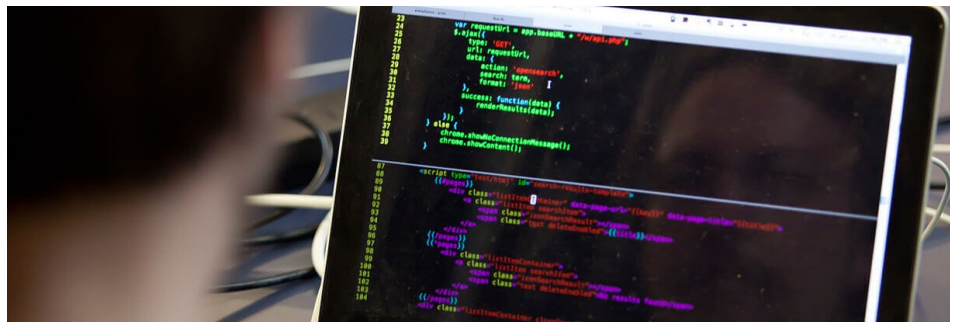
- Uniting testing
- User-defined data types
- Code optimisation
- Tail call recursion optimisation
- Conditions (similar to switch cases)
- Arrays, Sets and Maps
- String manipulation

If you would like to find out more about Ralang, read through the source code or help to improve it, please get in touch:

RALANG

RALANG IS A PROGRAMMING LANGUAGE FOR BEGINNERS

HOW CAN I DEVELOP MY OWN PROGRAMS USING RALANG?



The process to develop using Ralang is as straight forward as any other programming language.

You begin by choosing your favourite Integrated Development Environment. You may need to look through example source code or the documentation to be able to understand the standards of the language and how to write Ralang code.

Scripts are provided with the language to make it easier for you to compile your programs both on Windows, Mac OS and Linux, whichever one you prefer.

You can then run these scripts which will ask for the source file, and the same script will take care of running the application without any further inputs from the developer.

Whilst the script is running there are a few things happening in the background:

1. Ralang compiler will check if the file you specified exists or not, and will output messages accordingly.
2. The program will get converted into Jasmin code.
3. Jasmin will then read the output code from the compiler, and generate a JVM class file.
4. JVM will then run the program automatically for you.