

Simple Interactive Multiple Programming Language Learner (SIMPLL)

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Abstract

SIMPLL pronounced “simple” is a set of batch files (windows cmd) and other bundled third party products which let you start learning multiple programming languages using interactive shells (or as some say interactive interpreters).

1 Introduction

SIMPLL was created in order for new developers to learn multiple programming/scripting languages rather easily using interactive shells (or interpreters). The main approach of this project is to ensure that the end users don't need to worry about downloading ton of files and setting up the system before start learning a programming/scripting language. SIMPLL enables you to jump start your learning process in not just one but multiple programming/scripting languages. All you need to do is download a file and install or extract it and all is complete.

2 How to Invoke an Interactive Shell ?

1. Extract Bundle.
2. Run `Start.cmd` by double clicking.
3. Input `<Language>Start` and press Enter Key().
 - For Java : `JavaReplStart`
 - For Groovy : `GroovyStart`
 - For BASH : `BASHStart`
 - For Python : `PythonStart`
 - For Ruby : `RubyStart`
 - For C++ : `IGCCStart`

3 Frequently Asked Questions (FAQ)

3.1 What are the Languages Available?

Current version of SIMPLL comes with C++, Java, Groovy, Ruby and Python. (Additionally Busybox can ensure you can learn BASH as well).

3.2 What are the Bundled Third Party Products?

1. MinGW Compiler
2. Open JDK 7
3. JavaREPL
4. Groovy
5. JRuby
6. JPython
7. IGCC
8. Busybox-w32

3.3 What operating systems are supported?

SIMPLL currently supports Windows only. However in the future versions there is a chance for implementing Linux version as well. It is possible since Jython, Groovy and JRuby runs on JVM and GCC is available for many platforms.

3.4 What operating systems did you test SIMPLL?

1. Windows 7 Home Premium SP1
2. Windows XP Professional SP3

3.5 How to contact the developer?

Please send an email to bhathiya91@live.com or do a pull request in github repository <https://github.com/JaDogg/SIMPLL/>.