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JVM(Java Virtual Machine)

JRE, JDK

11 open-jdk

JVM

```
, , JRuby, Jython, , ...
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JVM

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::::
```

, PC(PC registers),

•

(Execution Engine)

```
・ :
• JIT(Just In Time) : , 가
```

JIT

• GC(Garbage Collector):

```
$> javap -c ${
Compiled from "CodeManipulationApplication.java"
public class com.repia.java.codemanipulation.CodeManipulationApplication {
  public com.repia.java.codemanipulation.CodeManipulationApplication();
   Code:
       0: aload 0
                                            // Method
       1: invokespecial #8
java/lang/Object."<init>":()V
       4: return
  public static void main(java.lang.String[]);
   Code:
       0: ldc
                        #1
                                             // class
com/repia/java/codemanipulation/CodeManipulationApplication
       2: aload 0
       3: invokestatic #16
                                            // Method
org/springframework/boot/SpringApplication.run:(Ljava/lang/Class;[Ljava/lang
/String;)Lorg/springframework/context/ConfigurableA
pplicationContext;
       6: pop
       7: return
```

, manipulation

```
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