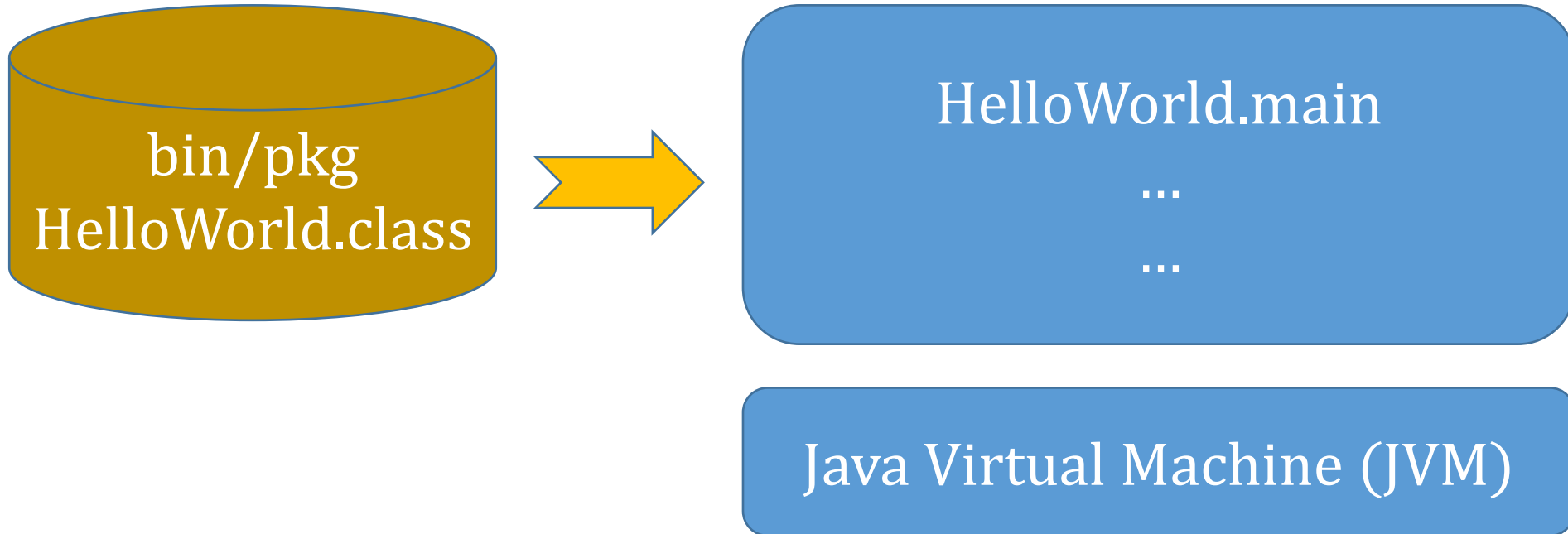


Run-Time Parameters

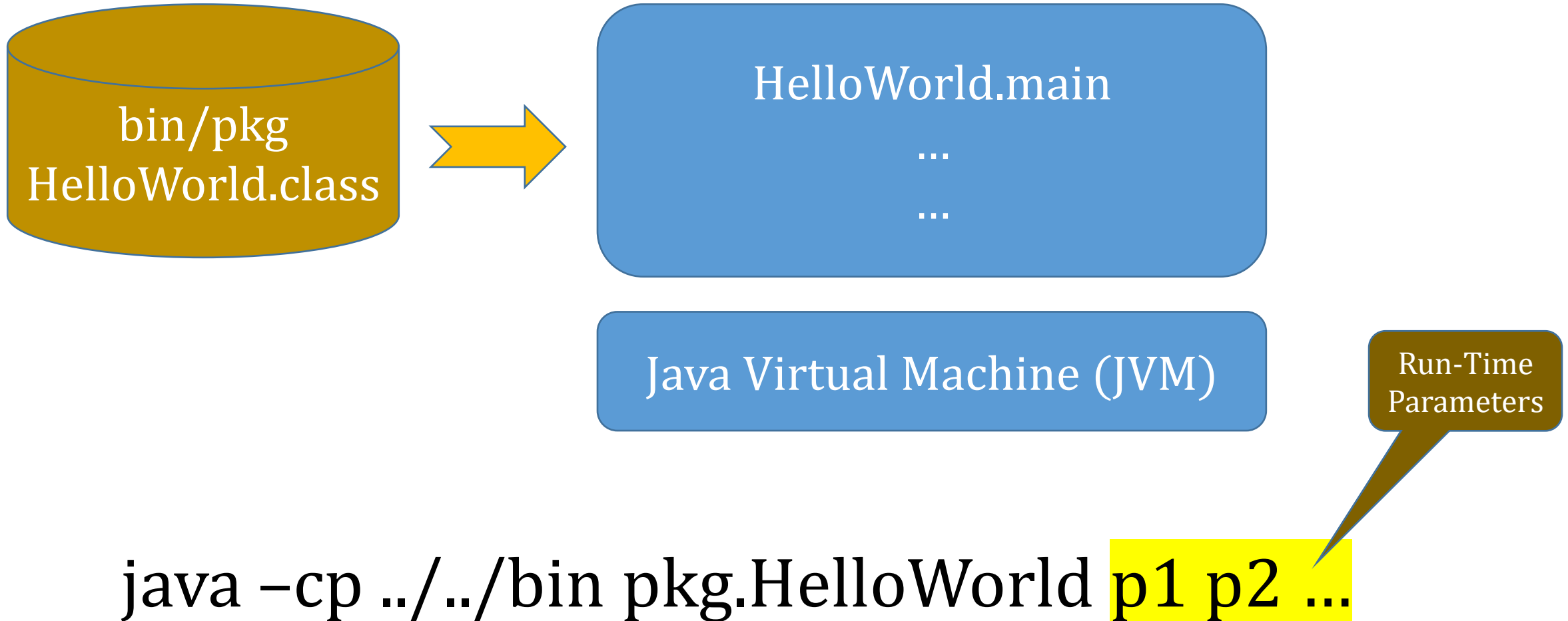


Running Java Code



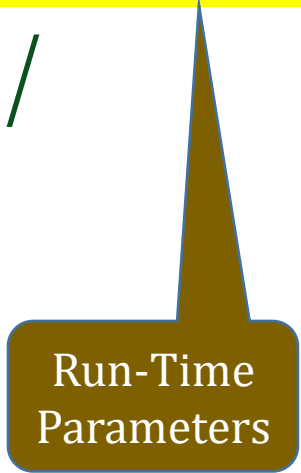
```
java -cp ../../bin pkg.HelloWorld
```

Running Java Code



Standard Java Template

```
public class classname {  
    public static void main(String args[]) {  
        /* main code goes here */  
    }  
}
```



Run-Time
Parameters

Run-Time Parameter Processing

- The java command reads all parameters
 - OS command line parser "tokenizes" the parameters
Splits the command line at white space into non-white space tokens
- The java command starts the Java Virtual Machine (JVM)
- The JVM loads the main class specified
- The JVM converts run-time parameters into an array of Strings called "args"
- The JVM invokes the main class "main" method, passing in "args" as an argument

Run-Time parameters example

```
public static void main(String[] args) {  
    System.out.println("Run time arguments...");  
    for(int i=0;i<args.length;i++) {  
        System.out.println("args[" + i + "]= " + args[i]);  
    }  
}
```