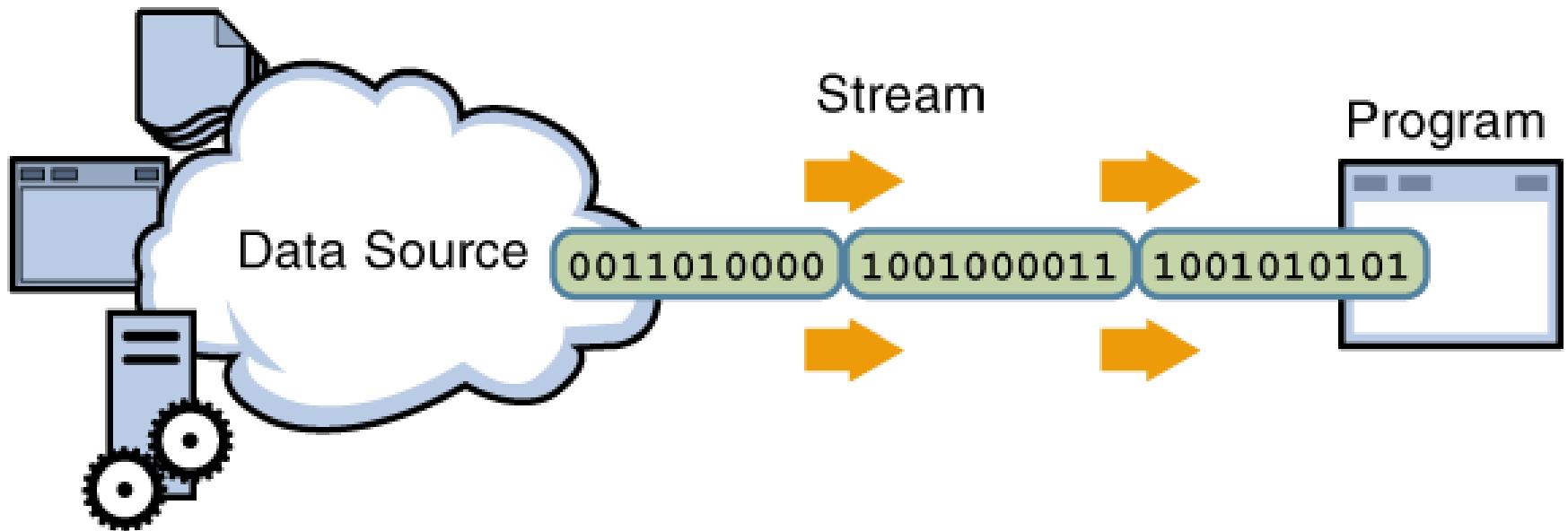


Streams (File Handling)

Streams (File Handling)



Streams (File Handling)

- Byte Streams
 - Character Streams
-

Streams (File Handling)

- byte 0 to 255
- char 0 to 65,535

Streams (File Handling)

byte -127 to +128
0 to 255

97	a	01100001
98	b	01100010
99	c	01100011

char -32,768 to 32,768
0 to 65,535

97	a	0000 0000 0110 0001
98	b	0000 0000 0110 0010
99	c	0000 0000 0110 0011

Byte Streams

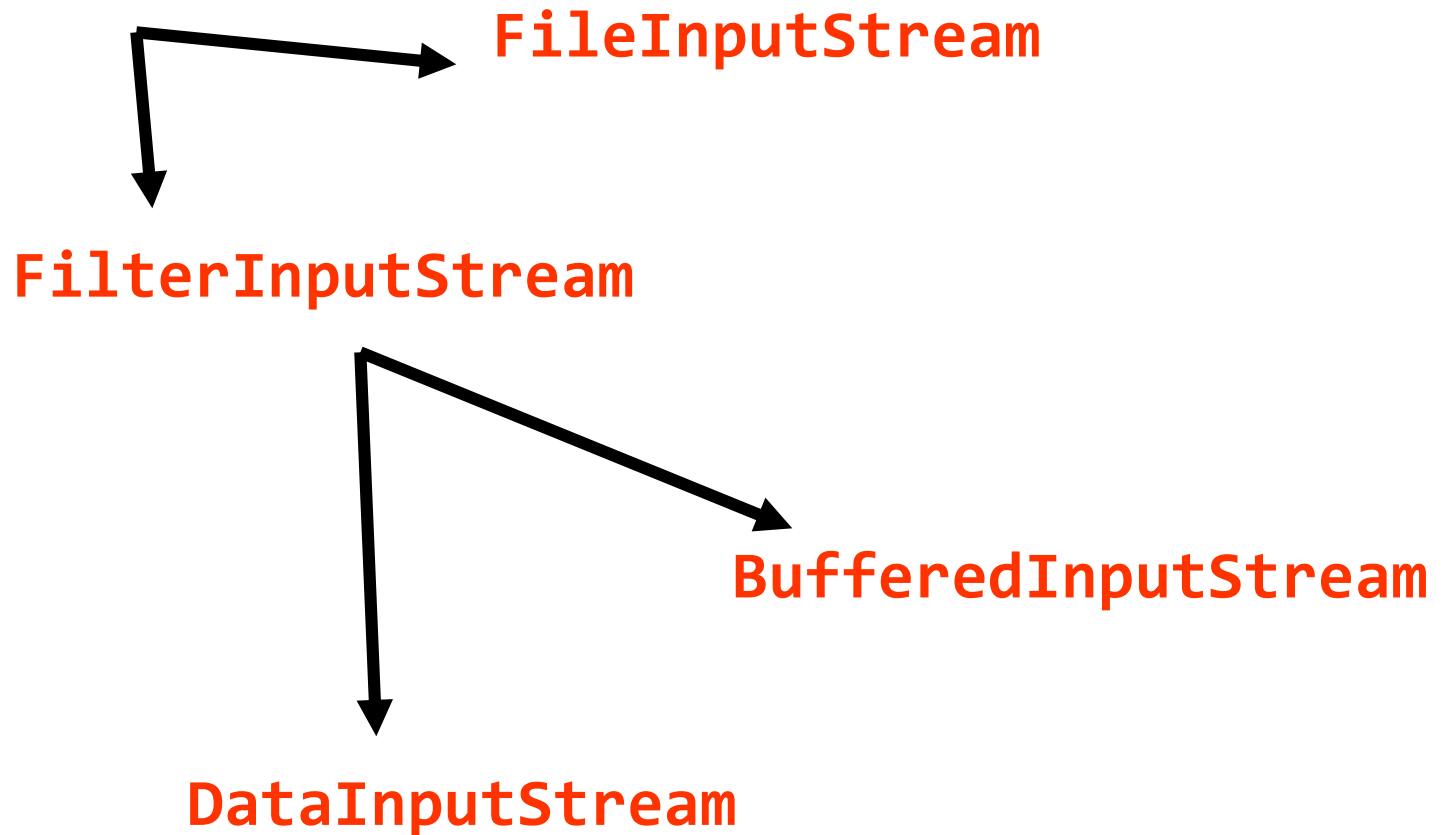
- **java.io.*;**

InputStream

OutputStream

InputStream

InputStream



BufferedInputStream

- ✓ **BufferedInputStream(InputStream)**
 - ✓ **BufferedInputStream(InputStream, int)**
-

FileInputStream

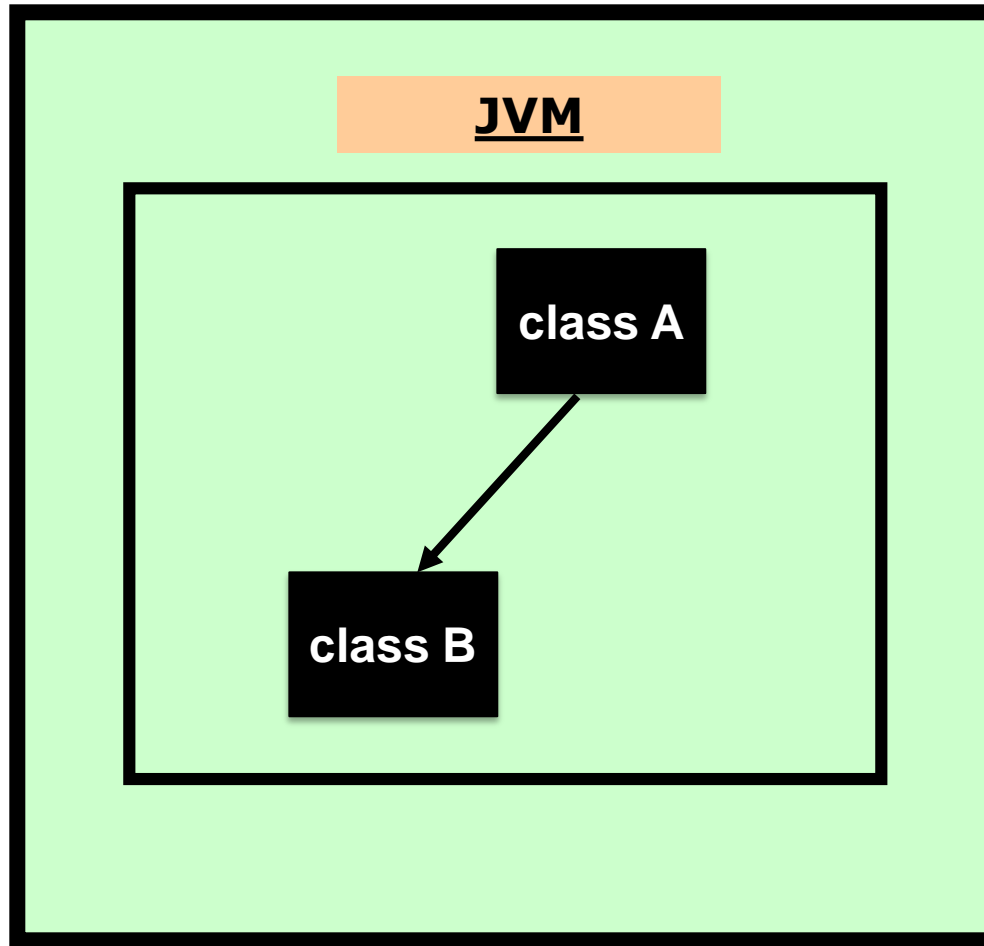
```
FileInputStream fis=new FileInputStream("Test.txt");
```

```
int c;
```

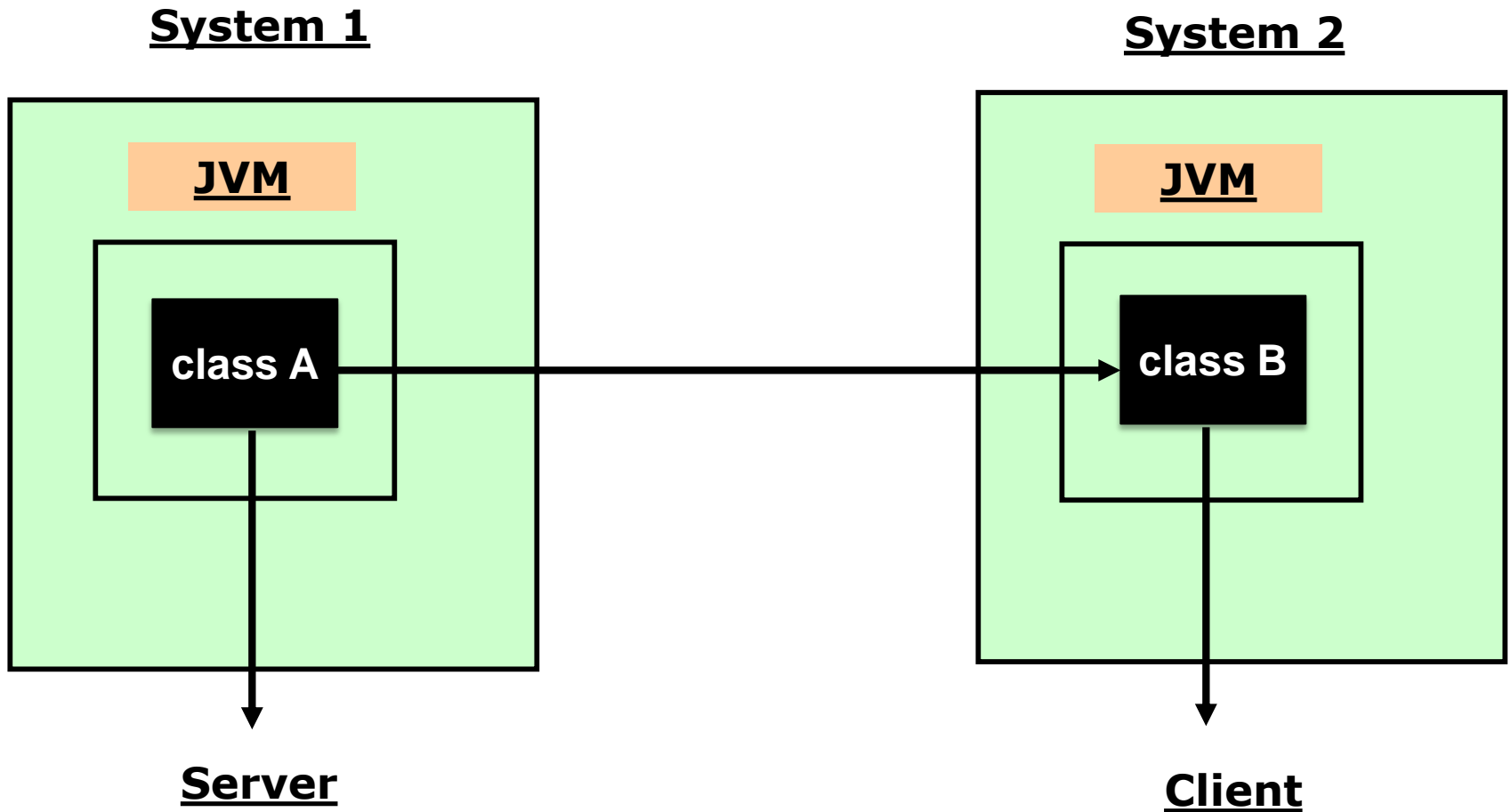
```
while((c=fis.read())!=-1)
{
    System.out.print("  "+(char)c);
}
```

Desktop Application

System 1



Distributed Application

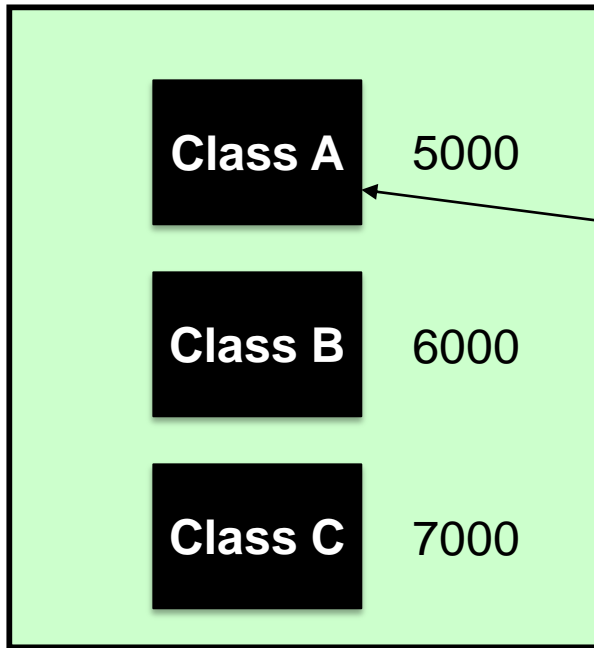


Distributed Application

- ✓ Networking
- ✓ RMI
- ✓ EJB

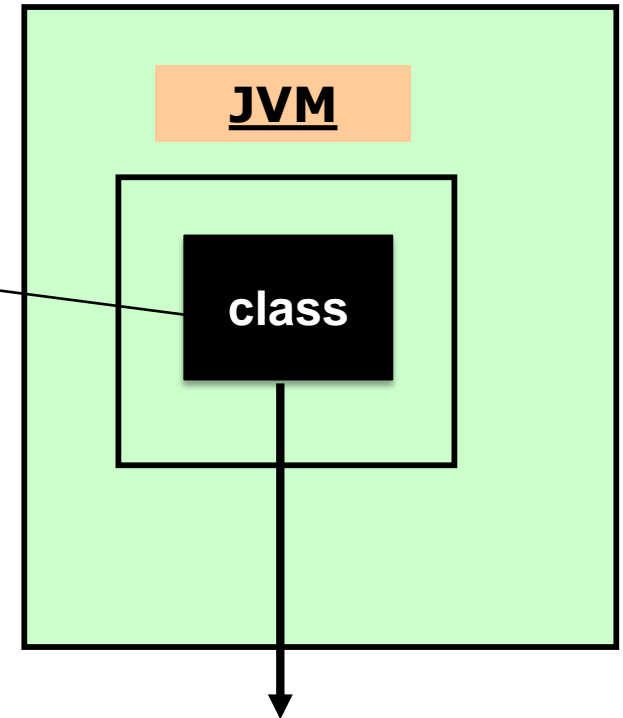
Distributed Application

System 1



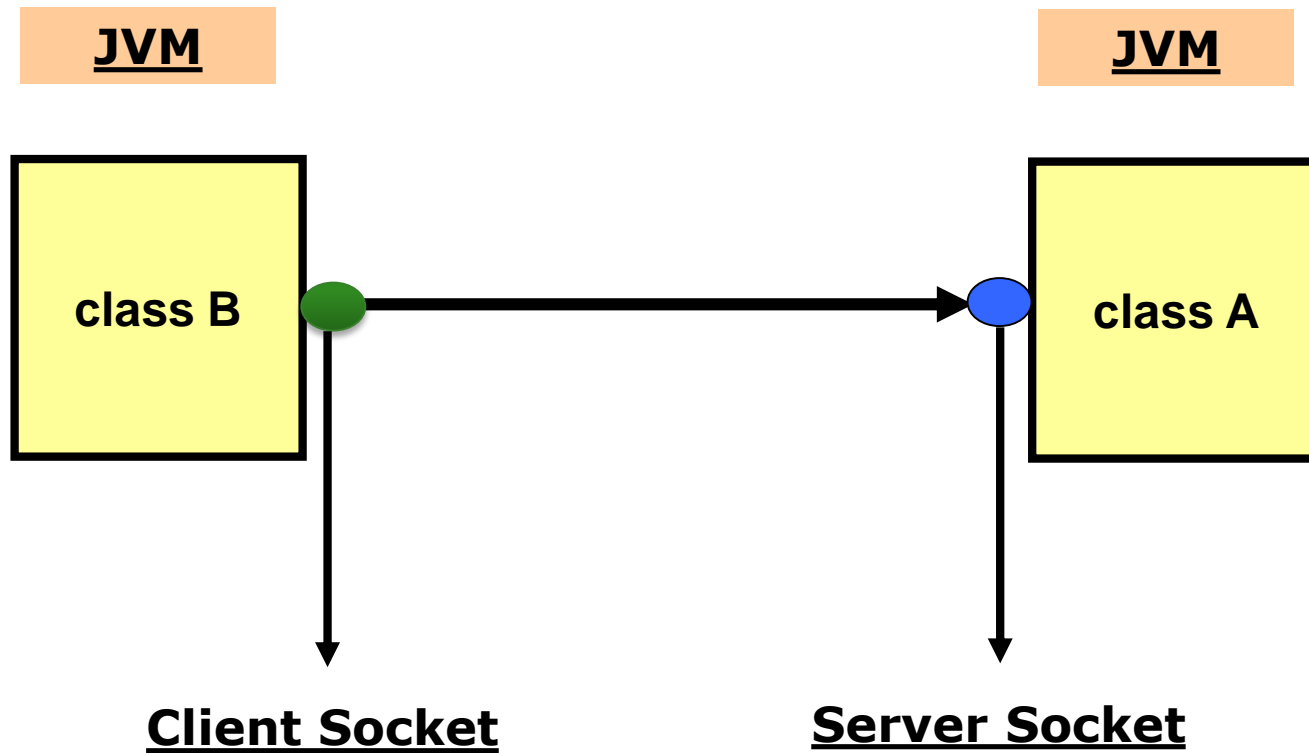
Server

System 2



Client

Distributed Application



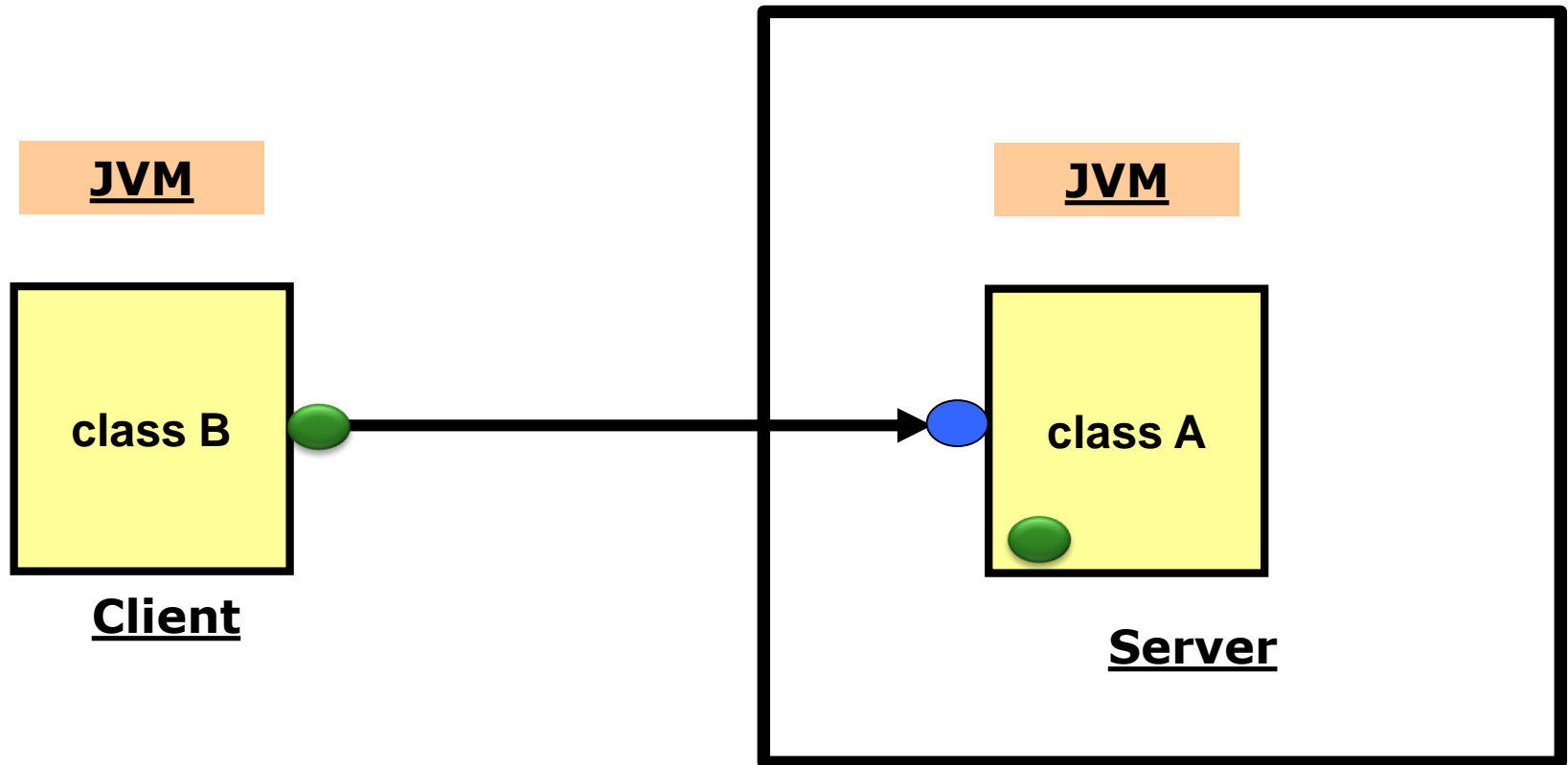
Networking API

- `java.net.*;`

ServerSocket

Socket

Distributed Application



Networking API

java.net.*;

