

JPF (model) class

```
package x.y.z;  
class C {  
    ...  
    native int foo (int p);  
}
```

```
...  
int a = c.foo(3);
```

```
...  
aload_1  
icont_3  
invokevirtual ..
```

*JPF
class
loading*

*JPF
method
invocation*

```
executeMethod (ThreadInfo ti..){  
    MJIEnv env = ti.getMJIEnv();  
    Object[] args = getArguments();  
    ..  
    mth.invoke(peerCls, args);  
    ..  
}
```

Java reflection call

```
class JPF_x_y_z_C {  
    ...  
    public static int foo__I (MJIEnv env, int thisRef, int p) {  
        int d = env.getIntField(thisRef, "data");  
        ..  
    }  
}
```

JVM (Java) class

```
ClassInfo (..){  
    peerCls = loadNativePeer(..);  
    ..  
}
```

*Java class
reflection*

*JPF
object
access*

