

Enclave

Trusted classes

```
class Trusted {  
    Secret s;  
    public static String  
    encrypt(String in) {  
        String tainted = Encryptor  
            .encrypt(s,in);  
        String untainted =  
            Enclave.  
            declassify(tainted);  
        return untainted;  
    }  
}
```

Reduced
Java VM

Information Flow
Control

Civet back-end

Untrusted classes

```
class Untrusted {  
    Trusted t;  
    public Untrusted() {  
        t = new Trusted();  
    }  
    String process(String o) {  
        return t.encrypt(o);  
    }  
}
```

Civet
front-end

Java VM

- Entry / Untrusted interface
- Triggered isolated execution
- APIs for enclave declassification