

## Enclave

### Trusted classes

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

Reduced  
Java VM

Information Flow Control

### 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 or Untrusted interface
- Triggered isolated execution
- APIs for enclave declassification