


Enclave

Trusted classes

```
class Trusted {  
    Secret S;  
    public Trusted() {  
        S = Enclave.provision()  
    }  
    public Object  
    process(Object o) {  
        ...  
    }  
}
```

Reduced
Java VM

Civet
back-end

 Entry or called untrusted interface

 Triggered isolated execution

 APIs for enclave features (e.g., provisioning)

Untrusted classes

```
class Untrusted { Trusted T;  
    public Untrusted() {  
        T = new Trusted();  
    }  
    Object process(Object o) {  
        return T.process(o);  
    }  
}
```

Civet
front-end

Java VM