

```

public class ComputeBean{
    Validator validator;
    public double compute(double d1, double d2){
        if (!validator.iszero(d2))
            return d1/d2;
        // error: divisor is 0
    }
}

```

```

public class ValidatorBean{
    public boolean iszero(double num){
        if (Math.abs(num < 0.0001))
            return true;
        else
            return false;
    }
}

```

Compute.jar
(dependent module)

Validator.jar
(depended module)

ComputeBean.class

ValidatorBean.class

JVM

module class loader C

module class loader V

Class ComputeBean Structure

field_info

name_index	descriptor_index
0x0002	LValidatorBean

method_info

name_index	descriptor_index
0x0008	(DD)D

Class ValidatorBean Structure

method_info

name_index	descriptor_index
0x0012	(D)Z

Constant Pool

0x0002: validator 0x0008: compute
0x0012: iszero