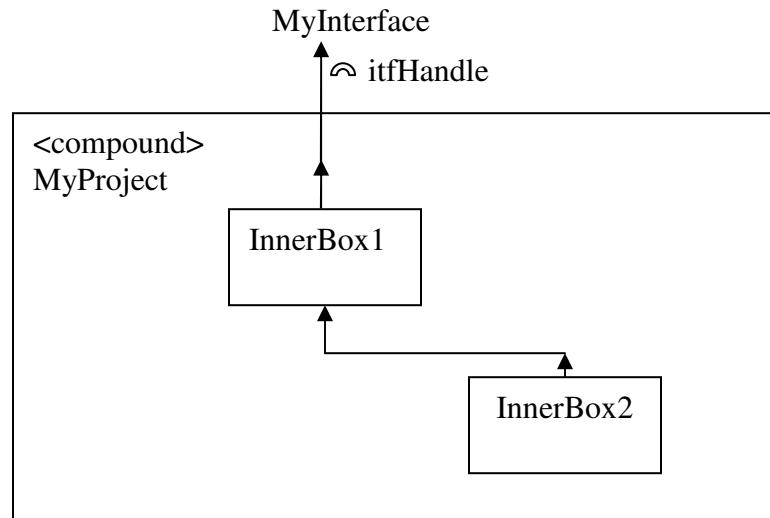


How to Write a BoxScript Test File



Suppose we have an outermost box **MyProject** implements its abstract interface **MyProjectAbs**. It has a provided interface. The *interface type* of the provided interface is **MyInterface**, its *handle* is **itfHandle**.

Suppose the definition of **MyInterface** is:

```
public interface MyInterface
{
    void start();
}
```

[file: TestMyProject.java]

```
import boxes.MyProjectAbs.MyProject.MyProject; // import the box
import interfaces.MyInterface; // import the interface
```

```
public class TestMyProject
{
    public static void main(String [] args) throws Throwable
    {
        // new a instance for box manager class of box MyProject
        MyProject pjt = new MyProject ();
        // need to create an InterfaceName instance to access interface references
        // put the interface handle for MyInterface here
        datatypes.systems.InterfaceName iname = new
datatypes.systems.InterfaceName("itfHandle ");
        // get the reference of the interface
        MyInterface itf = (MyInterface) pjt.getProvidedItf(iname);
        // call the method in the interface MyInterface
        itf.start();
    }
}
```

The code written in **Green** is fixed.