

## Practical No. 8

Aim :- Create, debug and execute program based on developing simple bean using JDK

Theory :- The Bean Development<sup>kit</sup> (BDK) is intended to support the early development of Java beans component and to act as a standard reference base for both bean developers and tools vendors.

It is a tool for testing whether your JavaBeans meets the JavaBean specification. BDK provides a GUI to create, configure and test JavaBeans and also enables you to modify JavaBean properties and link to multiple JavaBeans in an application using BDK.

The components of BDK development environment are :

1. ToolBox
2. BeanBox
3. Properties
4. Method Tracer

simple.java ×

simple.java

```
1 import java.awt.*;
2 import java.io.*;
3 import java.util.*;
4
5 public class simple extends Canvas implements Serializable{
6     private String msg;
7     public simple(){
8         msg="Hello World";
9         setSize(300,150);
10        setBackground(Color.blue);
11    }
12    public void setMsg(String msg){
13        this.msg=msg;
14    }
15    public String getMsg(){
16        return msg;
17    }
18    public void paint(Graphics g){
19        g.drawString(msg,10,10);
20    }
21 }
```

Welcome

simple.mft ×

simple.mft

```
1 Name: simple.class
2 Java-Bean: True
3
```

```
anbox>if "Windows_NT" == "Windows_NT" setlocal
anbox>set CLASSPATH=classes;..\lib\methodtracer.jar;..\infobus.jar
```

```
anbox>java sun.beanbox.BeanBoxFrame
\Beans\jars\Colors.jar didn't have any beans!
```

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can should provide a suitable manifest when you create

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