

```
package com.sxt.test;

import java.io.IOException;

import javassist.CannotCompileException;
import javassist.ClassPool;
import javassist.CtClass;
import javassist.CtConstructor;
import javassist.CtField;
import javassist.CtMethod;
import javassist.NotFoundException;

/**
 * 测试使用javassist生成一个新的类
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 *
 */

public class Demo01 {
    public static void main(String[] args) throws CannotCompileException,
NotFoundException, IOException {
        ClassPool pool=ClassPool.getDefault();
        CtClass cc=pool.makeClass("com.sxt.bean.Emp");

        //创建属性
        CtField f1=CtField.make("private int empno", cc);
        CtField f2=CtField.make("private String ename", cc);
        cc.addField(f1);
        cc.addField(f2);

        CtMethod m1=CtMethod.make("public int getEmpno(){return
empno;}", cc);
        CtMethod m2=CtMethod.make("public void setEmpno(int empno)
{this.empno=empno;}", cc);
        cc.addMethod(m1);
```

```
cc.addMethod(m2);
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```
//添加构造器
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```
CtConstructor constructor=new CtConstructor(new CtClass[]  
{CtClass.intType,pool.get("java.lang.String")},cc);  
constructor.setBody("{this.number=empno;this.ename=ename;}");  
cc.addConstructor(constructor);
```

```
cc.writeFile("c:/myJava");    //将上面构造好的类写入到此文件下  
System.err.println("生产类成功");
```

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}
```

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}
```