

```
package main.java.Test1;
```

```
import net.sf.cglib.proxy.Enhancer;  
import net.sf.cglib.proxy.MethodInterceptor;
```

```
public class ProxyCglib {  
    public static void main(String[] args) {  
        while(true){  
            Enhancer enhancer=new Enhancer();  
            enhancer.setSuperclass(ProxyCglib.class);  
            enhancer.setUseCache(false);  
            enhancer.setCallback((MethodInterceptor)(obj, method, args1, proxy)->  
                method.invoke(obj, args1)  
            );  
            System.out.println("hello world");  
  
            enhancer.create();  
        }  
    }  
}
```

```
System.setProperty(DebuggingClassWriter.DEBUG_LOCATION_PROPERTY,  
"C:\\\\class");
```

```
System.getProperties().put("sun.misc.ProxyGenerator.saveGeneratedFiles",  
"true");
```

```
package com.leran;
```

```
import com.learn.proxy.PersonService;  
import java.lang.reflect.InvocationHandler;  
import java.lang.reflect.Method;  
import java.lang.reflect.Proxy;  
import java.lang.reflect.UndeclaredThrowableException;
```

```
public final class proxy01 extends Proxy implements PersonService {  
    private static Method m1;  
    private static Method m3;  
    private static Method m2;  
    private static Method m4;  
    private static Method m0;
```

```
    public proxy01(InvocationHandler var1) throws {  
        super(var1);  
    }
```

```
    public final boolean equals(Object var1) throws {  
        try {
```

```

        return (Boolean)super.h.invoke(this, m1, new Object[]{var1});
    } catch (RuntimeException | Error var3) {
        throw var3;
    } catch (Throwable var4) {
        throw new UndeclaredThrowableException(var4);
    }
}

public final boolean saveUser(String var1) throws {
    try {
        return (Boolean)super.h.invoke(this, m3, new Object[]{var1});
    } catch (RuntimeException | Error var3) {
        throw var3;
    } catch (Throwable var4) {
        throw new UndeclaredThrowableException(var4);
    }
}

public final String toString() throws {
    try {
        return (String)super.h.invoke(this, m2, (Object[])null);
    } catch (RuntimeException | Error var2) {
        throw var2;
    } catch (Throwable var3) {
        throw new UndeclaredThrowableException(var3);
    }
}

public final String getUserName() throws {
    try {
        return (String)super.h.invoke(this, m4, (Object[])null);
    } catch (RuntimeException | Error var2) {
        throw var2;
    } catch (Throwable var3) {
        throw new UndeclaredThrowableException(var3);
    }
}

public final int hashCode() throws {
    try {
        return (Integer)super.h.invoke(this, m0, (Object[])null);
    } catch (RuntimeException | Error var2) {
        throw var2;
    } catch (Throwable var3) {
        throw new UndeclaredThrowableException(var3);
    }
}

static {
    try {
        m1 = Class.forName("java.lang.Object").getMethod("equals",
Class.forName("java.lang.Object"));
        m3 = Class.forName("com.learn.proxy.PersonService").getMethod("saveUser",

```

```
Class.forName("java.lang.String");
    m2 = Class.forName("java.lang.Object").getMethod("toString");
    m4 = Class.forName("com.learn.proxy.PersonService").getMethod("getUserName");
    m0 = Class.forName("java.lang.Object").getMethod("hashCode");
} catch (NoSuchMethodException var2) {
    throw new NoSuchMethodError(var2.getMessage());
} catch (ClassNotFoundException var3) {
    throw new NoClassDefFoundError(var3.getMessage());
}
}
}
```