```java
package com.sxt.test;

import java.io.ByteArrayOutputStream;
import java.io.FileInputStream;
import java.io.IOException;
import java.io.InputStream;
import java.net.URL;

/**
 * 网络类加载器
 * @author 江
 *
 */

public class NetClassLoader extends ClassLoader{
        //com.sxt.test.User   --> www.sxt.cn/myjava/com/sxt/test/User.class

        private String rootUrl;

        public NetClassLoader(String rootUrl) {
                this.rootUrl=rootUrl;
        }

        @Override
        protected Class<?> findClass(String name) throws ClassNotFoundException
{
                Class c=findLoadedClass(name);

                //应该要先查询有没有加载过这个类。如果已经加载，则直接返回加载好的
类。如果没有，则加载新的类。
                if(c!=null) {
                        return c;
                }else {
                        ClassLoader parent=this.getParent();
                        try {
```

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                c=parent.loadClass(name);           //委派给父类加载器
            }catch(Exception e) {


            }
            if(c!=null) {
                    return c;
            }else {
                    byte[] classData=getClassData(name);
                    if(classData==null) {
                            throw new ClassNotFoundException();
                    }else {
                            c=defineClass(name, classData,
0,classData.length);
                    }
            }
        }
        return c;
    }


    private byte[] getClassData(String classname) {
        //com.sxt.test.User  -->  d:/myjava/com/sxt/test/User.class
        String path=rootUrl+"/"+classname.replace('.','/')+".class";

        //IOUtils,可以使用它将流中的数据转成字节数组
        InputStream is = null;
        ByteArrayOutputStream baos=new ByteArrayOutputStream();
        try {
                URL url=new URL(path);
                is=url.openStream();
                is=new FileInputStream(path);
                byte[] buffer=new byte[1024];
                int temp;
                while((temp=is.read(buffer))!=-1) {
                        baos.write(buffer,0,temp);
                }
```

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            return baos.toByteArray();
        } catch (Exception e) {
            e.printStackTrace();
            return null;
        }finally {
                try {
                        if(is!=null) {
                        is.close();
                        }
                } catch (IOException e) {
                        e.printStackTrace();
                }

        }

    }

}
```