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package com.sxt.server2;

import java.lang.reflect.InvocationTargetException;

import javax.xml.parsers.SAXParser;
import javax.xml.parsers.SAXParserFactory;

import com.sxt.server.basic.servlet.WebContext;

public class WebApp {
    private static WebContext webContext;
    static {
        try {
            //1. 获取解析工厂
            SAXParserFactory factory=SAXParserFactory.newInstance();
            //2. 从解析工厂中获取解析器
            SAXParser parse=factory.newSAXParser();
            //加载文件Document注册处理器
            WebHandler handler=new WebHandler();
            //解析

            parse.parse(Thread.currentThread().getContextClassLoader().getSystemResourceAsStream("com.sxt.server2.web.xml"),
            handler);

            //获取数据
            webContext=new WebContext(handler.getEntitys(), handler.getMappings());
        } catch (Exception e) {
            System.err.println("解析配置文件错误");
        }
    }

    /**
     * 通过url获取配置文件相应的servlet
     * @param url
     * @return
     */

    public static Servlet getServletFromUrl(String url) throws InstantiationException, IllegalAccessException,
    IllegalArgumentException, InvocationTargetException, NoSuchMethodException, SecurityException {
        String className=webContext.getClz("/"+url);
        Class clz;
        try {
            System.err.println("className"+"-->"+className);
            clz = Class.forName(className);
            Servlet servlet=(Servlet)clz.getConstructor().newInstance();
            return servlet;
        } catch (ClassNotFoundException e) {
            e.printStackTrace();
            return null;
        }
    }
}

```

