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package com.sxt.server2;

/**
 * 处理器
 */

import java.util.ArrayList;
import java.util.List;

import org.xml.sax.Attributes;
import org.xml.sax.SAXException;
import org.xml.sax.helpers.DefaultHandler;

import com.sxt.server.basic.servlet.Entity;
import com.sxt.server.basic.servlet.Mapping;

public class WebHandler extends DefaultHandler{
    private List<Entity> entitys;
    private List<Mapping> mappings;
    private Entity entity;
    private Mapping mapping;
    private String tag; //存储操作标签
    private boolean isMapping=false;

    public void startDocument() throws SAXException{
        entitys=new ArrayList<Entity>();
        mappings=new ArrayList<Mapping>();

    }

    @Override
    public void startElement(String uri, String localName, String qName,
Attributes attributes) throws SAXException {
        if(null!=qName) {
            tag=qName; //存储标签名

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        if(tag.equals("servlet")) {
            entity=new Entity();
            isMapping=false;
        }if(tag.equals("servlet-mapping")) {
            mapping=new Mapping();
            isMapping=true;
        }
    }
}

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@Override
public void characters(char[] ch, int start, int length) throws
SAXException {
    String contents=new String(ch,start,length).trim();
    if(null!=tag){ //处理了空
        if(isMapping) { //操作servlet-mapping
            if(tag.equals("url-pattern")) {
                mapping.addPattern(contents);
            }else if(tag.equals("servlet-name")){
                mapping.setName(contents);
            }
        }else { //操作servlet
            if(tag.equals("servlet-name")) {
                entity.setName(contents);
            }else if(tag.equals("servlet-class")) {
                entity.setClz(contents);
            }
        }
    }
}
}

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@Override
public void endElement(String uri, String localName, String qName)
throws SAXException {

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        if (null != qName) {
            if (qName.equals("servlet")) {
                entitys.add(entity);
                entity=new Entity();
            }else if (qName.equals("servlet-mapping")) {
                mappings.add(mapping);
                mapping=new Mapping();
            }
        }
        tag=null;
    }
}

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public List<Entity> getEntitys() {
    return entitys;
}

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public List<Mapping> getMappings() {
    return mappings;
}

```

```

@Override
public void endDocument() throws SAXException {
}

```

```

}

```