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package com.scope.controller;

import com.scope.pojo.People;
import com.sun.tracing.dtrace.Attributes;
import org.apache.tools.ant.taskdefs.condition.Http;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.*;
import org.springframework.web.servlet.ModelAndView;

import javax.servlet.ServletContext;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import java.util.Map;

@Controller
@SessionAttributes(value={"name"})
//@SessionAttributes(types=String.class)

//@SessionAttributes(types = String.class)
public class DemoController implements
org.springframework.web.servlet.mvc.Controller {

    @RequestMapping("demo1")
    public String demo1(HttpServletRequest request, HttpSession session){
        //request作用域
        request.setAttribute("request","request的值");
        //session作用域
        session.setAttribute("session","session的值");
        HttpSession sessionparam=request.getSession();
        sessionparam.setAttribute("sessionparam","sessionparam的值");
        //application作用域
        ServletContext application=request.getServletContext();
        application.setAttribute("application","application的值");
        return "/scope/index.jsp";
    }

    //测试map
    @RequestMapping("demomap")
    public String demomap(Map<String,Object> map,Model model){
        map.put("1","江");
        map.put("2","超");
        map.put("3","伦");
        model.addAttribute("map",map);
    }
}

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    return "/scope/index.jsp";
}

//测试注解

//测试SessionAttribute
@RequestMapping(value = "demo2",produces = "text/html;charset=utf-8")
@ResponseBody
public String demo2(Model model){
    model.addAttribute("name","张三");
    return (String) model.getAttribute("name");
}

@RequestMapping(value="demo3",produces = "text/html;charset=utf-8")
@ResponseBody
public String demo3(@SessionAttribute("name") String name){
    System.out.println(name);
    return name;
}

//测试RequestAttribute
@RequestMapping("/demo4")
public String demo4(@RequestAttribute("name")String userName) {
    System.out.println("userName="+userName);
    return "success";
}

//测试ModelAttribute
//被@ModelAttribute标记的方法会在requestmapping映射方法之前被执行,
//并且会把映射方法中的model先传到该方法中供其先设置部分参数
@ModelAttribute
public void ModelAttribute(Model model){
    System.out.println("ModelAttribute被执行");
    model.addAttribute("sex","male");
}

//会自动的把对应的模型存放在model当中
//当提交表单, 以自己创建的普通类来接受表单中的信息的时候,
// 会自动的把这个对象存在model当中, 并且使用类名首字母小写当做key
@RequestMapping(value = "/demo6",produces = "text/html;charset=utf-8")
@ResponseBody
public String demo6(@ModelAttribute() People people, Model model){
    System.out.println(people);
    System.out.println(model.asMap());
    return model.getAttribute("people")+(String)model.getAttribute("sex");
}

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@Override
    public ModelAndView handleRequest(HttpServletRequest httpServletRequest,
    HttpServletResponse httpServletResponse) throws Exception {
        return null;
    }
}
```