



链滴

spring mvc 表单参数传递问题

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原文链接: <https://ld246.com/article/1483924679595>

来源网站: [链滴](#)

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springmvc 表单提交 controller层需要接收list 对象参数 ， 但是昨天在家里弄怎么试都不成功， 有知道怎么搞吗？

页面代码

```
<form action="swingAdd.html" method="post" >
<hr/>
<p>id:<input type="text" name="list[0].id"/>,

root: <select name="list[0].root"><option value="false">>false<option> <option value="true"
selected="selected">>true<option> <select>,
expression:<input type="text" name="list[0].expression"/>,
validate_type:<select name="list[0].validateType"> <option value="buyPrice">buyPriceo<pti
n><select>,
expect:<input type="text" name="list[0].expect"/>,
or_else:<input type="text" name="list[0].orElse"/>,
child_id:<input type="text" name="list[0].child"/>。 <input type="button" onclick="addChild
this);" value="增加子节点"/>

<p>
<input type="submit" value="提交"/>
</form>
```

controller 代码

```
@RequestMapping(value = "/swingAdd", method = RequestMethod.POST)
public String swingAdd(SwingFormList formList, Model model) {
//    System.out.println(swingList);
return "swing/swingRule";
}
```

SwingFormList源码

```
public class SwingFormList {
    private List<Swing> list;

    public List<Swing> getList() {
        return list;
    }

    public void setList(List<Swing> list) {
        this.list = list;
    }
}
```

Swing源码

```
public class Swing {

    //REQUIRED
    private String id;
```

```

private String expression;
private Validator validateType;
private String expect;
//IMPLIED
private boolean autoTrigger;
private String orElse;
private String executor;
private Swing child;
//other
private boolean root;
}

```

没拷贝 get/set方法了

页面错误信息

There was an unexpected error (type=Bad Request, status=400).

Validation failed for object='swingFormList'. Error count: 1

补充出错原因

child name 为 `child_id:<input type="text" name="list[0].child"/>` , 而 `Swing.class.isAssignableFrom(org.eddy.swing.entity.Swing#child.getClass())`

spring会尝试获取参数为一个字符串类型的构造函数并newInstance

`org.springframework.beans.TypeConverterDelegate#convertIfNecessary(java.lang.String, java.lang.Object, java.lang.Object, java.lang.Class<T>, org.springframework.core.convert.TypeDescriptor)`

```

else if (convertedValue instanceof String && !requiredType.isInstance(convertedValue)) {
    if (conversionAttemptEx == null && !requiredType.isInterface() && !requiredType.isEnum())

        try {
            Constructor<T> strCtor = requiredType.getConstructor(String.class);
            return BeanUtils.instantiateClass(strCtor, convertedValue);
        }
        catch (NoSuchMethodException ex) {
            // proceed with field lookup
            if (logger.isTraceEnabled()) {
                logger.trace("No String constructor found on type [" + requiredType.getName() + "]",
                    ex);
            }
        }
        catch (Exception ex) {
            if (logger.isDebugEnabled()) {
                logger.debug("Construction via String failed for type [" + requiredType.getName() + "]",
                    ex);
            }
        }
    }
}

```

由于我没有参数为一个String对象的构造函数，导致产生了异常。