

Nested Forms

i This page should serve as a "**specification**" (aka nominal state, not the current state) on nested form handling. Please review the various situations and correct any mistakes or add new situations if necessary. Thanks, Gerolf

i The [Conditional Validation](#) page contains some practical examples regarding nested forms and validation.

i It might be a good idea to use `input` instead of `button` elements in your form hierarchy. IE tends to send all button values, making it difficult to establish the one used to submit.

Markup

```
<form wicket:id="outer">
  <form wicket:id="middle">
    <form wicket:id="inner">
    </form>
  </form>
</form>
```

Legend

form...enabled
~~form~~...disabled

form...submitted form with no errors
form...form with errors

E...onError called
S...onSubmit called
_...nothing called, but input is preserved

i Notice

When submitting a nested form, the *entire* `<form>` is submitted (including fileuploads), but processed according to the rules below.

all forms enabled
outer form submitted

Outer	Middle	Inner
S	S	S

all forms enabled
middle form submitted

Outer	Middle	Inner
_	S	S

all forms enabled
inner form submitted

Outer	Middle	Inner
_	_	S

middle form disabled
outer form submitted

Outer	Middle	Inner
S	_	_

inner form disabled
outer form submitted

Outer	Middle	Inner
S	S	–

outer form disabled
outer form submitted

Outer	Middle	Inner
–	–	–

all forms enabled
middle form has error
outer form submitted

Outer	<i>Middle</i>	Inner
E	E	–

all forms enabled
middle form has errors
middle form submitted

Outer	<i>Middle</i>	Inner
–	E	–

all forms enabled
inner form has errors
middle form submitted

Outer	Middle	<i>Inner</i>
–	E	E

middle form disabled
outer form has errors
outer form submitted

<i>Outer</i>	Middle	Inner
E	–	–

all forms enabled
inner form has errors
outer form submitted

Outer	Middle	<i>Inner</i>
E	E	E

middle form disabled
inner form has (*potential) errors
outer form submitted

Outer	Middle	<i>Inner*</i>
S	–	–