

Tapestry 5: Component Power / Scripting Simplicity

Howard M. Lewis Ship
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**AND AJAX
FRIENDLY!**

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Why are you here?

- You're frustrated with **Java** while all the cool kids use **Ruby**
- "I will kill myself if ... "
 - ... I have to type one more angle bracket!
 - ... I have to run Ant/Maven one more time!
 - ... I have to restart Tomcat on more @&*\$**@! time!
 - ... I have to write any more goddamn boilerplate code!
- You have a **budget** for mental investment

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Tapestry 5

- Less code is better than more code
- Naming conventions are better than explicit configuration
- Java annotations are better than XML
- Easy is better than hard
- Fast is better than slow
- Things should **Just Work™**

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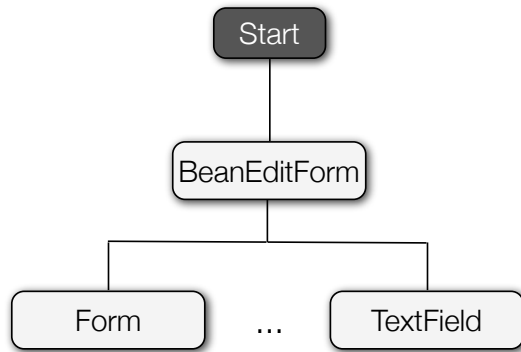
3

DEMO

Basic BeanEditForm Component

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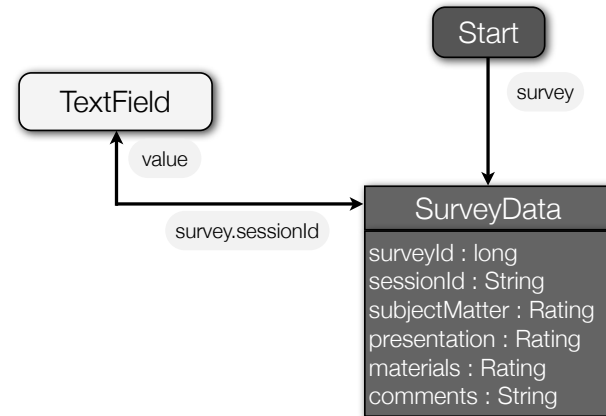
What did we just see?



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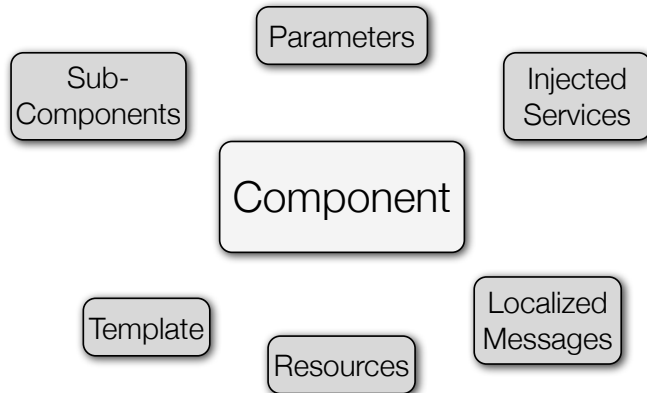
Connected Objects



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Component 'n Stuff



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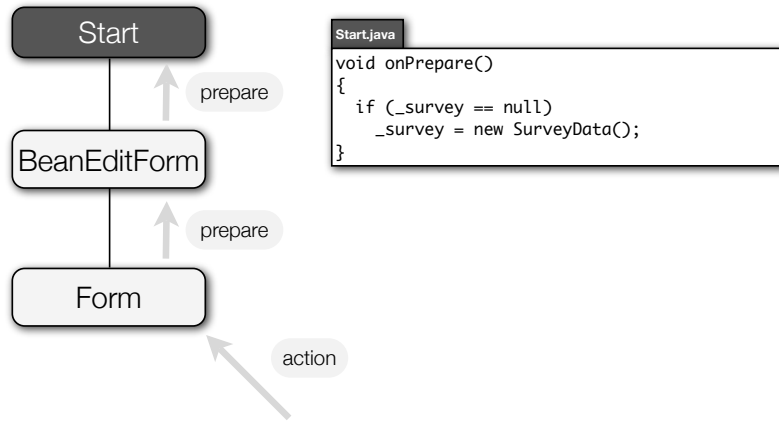
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DEMO

Adding validation and customizing the form

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Components & Events



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Form Events

- **prepare** : Setup data needed during processing
- **validate** : Perform form-spanning validations
- **failure** : There was at least one validation error
- **success** : There were no validation errors
- **submit** : After failure or success (rarely used)

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DEMO

Processing the form submission

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More Components

- **PageLink**: Link to another page
- **Grid**: Data table with paging & sorting
- **ActionLink**: Trigger an action event

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DEMO

Linking to the SurveyList page

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Is it ready yet?

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Still alpha!

- Stable
- Basic Spring / Hibernate integration
- Many features yet to be implemented
- Code stability has been great 5.0.1 ➔ 5.0.3
 - Rethink on Templates
 - Rethink on Inversion of Control container
- Several people building production applications already!

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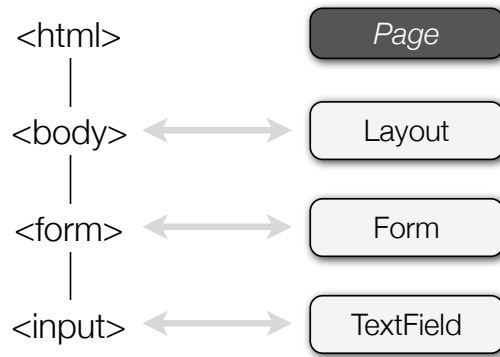
IDE Support

“I don't have time
for Drag and Drop”

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Ajax



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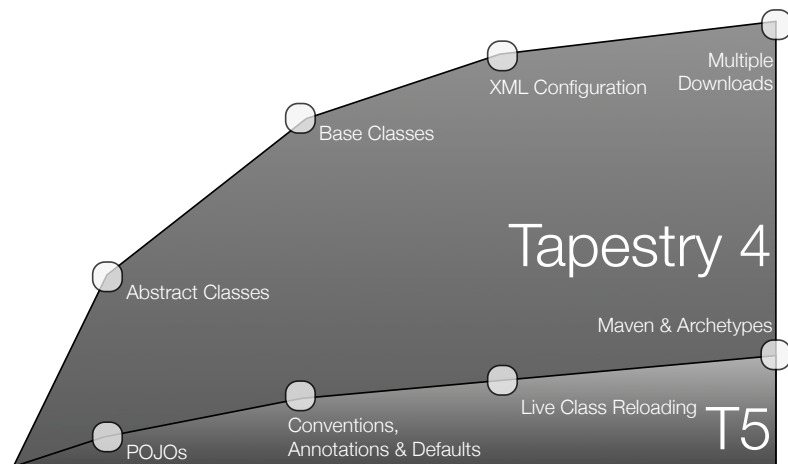
Tapestry 4 ➡ Tapestry 5

- Clean Slate
- **Not** backwards compatible
- T4: Hard ➡ T5: Easy
- T4: Easy ➡ T5: Automatic

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Overcoming “Steep Learning Curve”



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More Information

- Home Page:
<http://tapestry.apache.org/tapestry5/>
- Dev & User Mailing Lists:
dev-subscribe@tapestry.apache.org
users-subscribe@tapestry.apache.org
- Howard's Blog:
<http://tapestryjava.blogspot.com/>
- Howard's Site:
<http://howardlewisship.com/>

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