

12.–15.09.2010  
in Nürnberg



Wissenstransfer  
par excellence

# Fliegende Teppiche

Moderne Web-Anwendungen mit Tapestry 5

Igor Drobiazko

# Tapestry 5

by Igor Drobiazko

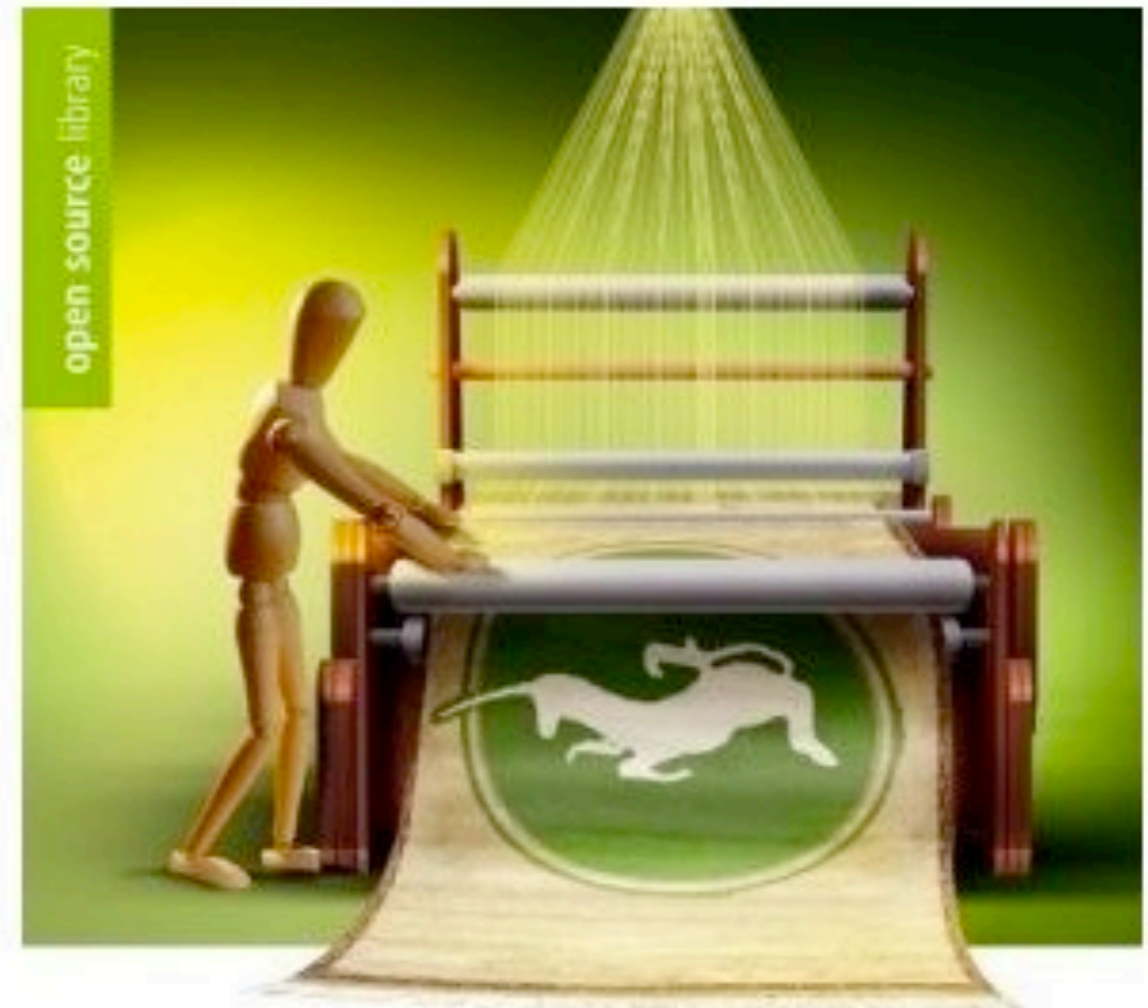


# About Me

- Apache Tapestry Committer
- Project Management Committee
- Tapestry Evangelist
- Book author & Speaker
- <http://tapestry5.de>
- [drobiazko at apache.org](mailto:drobiazko@apache.org)

# Tapestry 5 Book


- The only one german book on Tapestry 5
- ISBN:  
978-3-8273-2844-1
- EUR 29,95
- Available as eBook



Igor Drobiazko

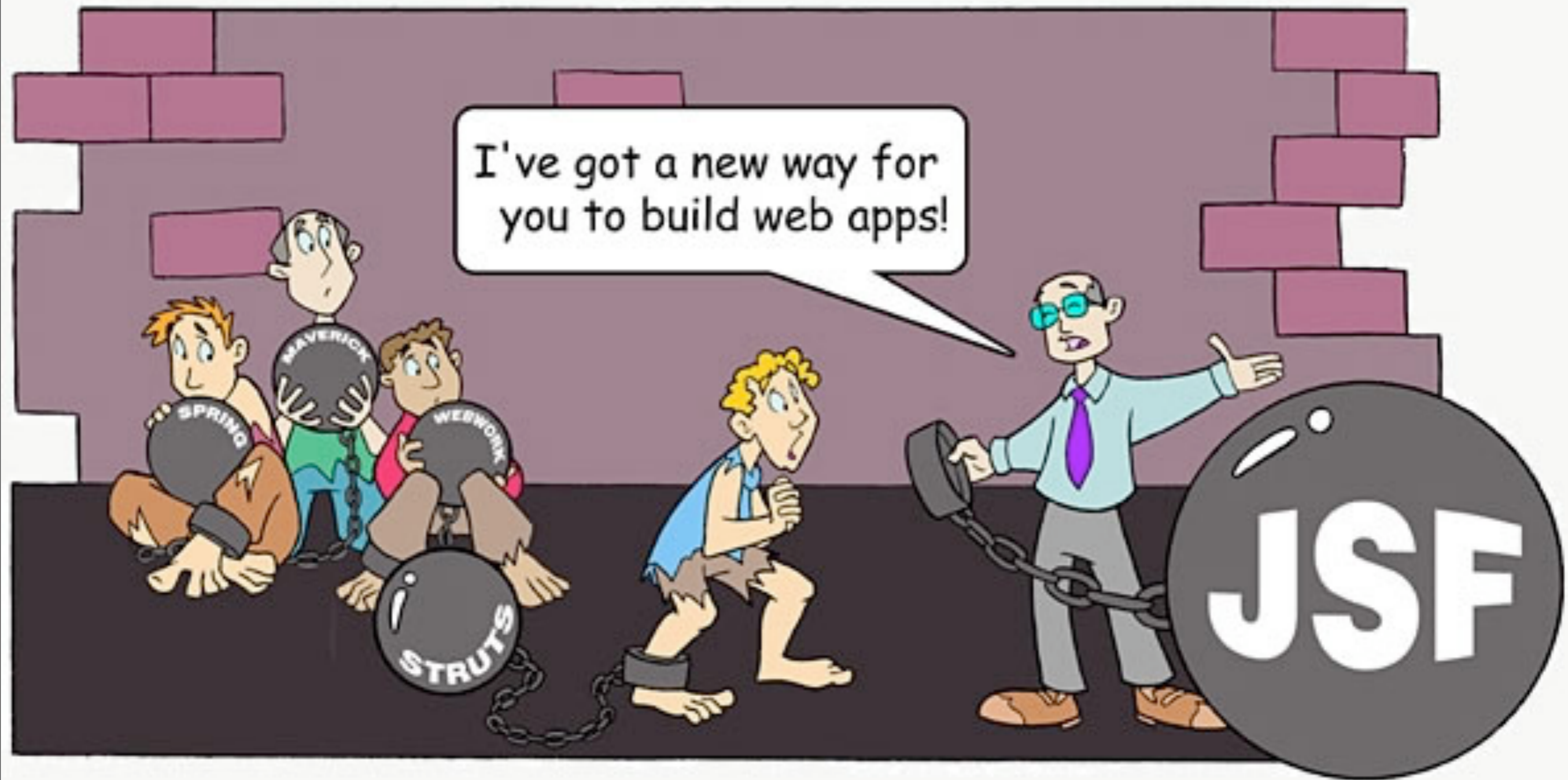
## Tapestry 5

Die Entwicklung von Webanwendungen  
mit Leichtigkeit

 ADDISON-WESLEY



# Why Tapestry?





A large, vibrant red apple is suspended in the air. Two ants, one on the left and one on the right, are positioned below the apple, using their mandibles to grip its bottom edge. The ants are dark in color, possibly black or dark brown, and their legs are spread out as they support the weight of the apple. The background is a plain, light color, making the apple and ants stand out prominently.

**Power**

# Productivity







**Scalability**



## Coverage Report - All Packages

Package	# Classes	Line Coverage	Branch Coverage
<b>All Packages</b>	805	92% 14436/15609	
<a href="#">org.apache.tapestry5</a>	59	90% 209/233	
<a href="#">org.apache.tapestry5.ajax</a>	1	93% 14/15	
<a href="#">org.apache.tapestry5.annotations</a>	41	N/A N/A	
<a href="#">org.apache.tapestry5.beaneditor</a>	2	N/A N/A	
<a href="#">org.apache.tapestry5.corelib</a>	1	100% 4/4	
<a href="#">org.apache.tapestry5.corelib.base</a>	11	93% 145/156	
<a href="#">org.apache.tapestry5.corelib.components</a>	99	91% 1282/1407	
<a href="#">org.apache.tapestry5.corelib.data</a>	3	100% 18/18	
<a href="#">org.apache.tapestry5.corelib.internal</a>	9	77% 86/112	
<a href="#">org.apache.tapestry5.corelib.mixins</a>	8	70% 47/67	
<a href="#">org.apache.tapestry5.corelib.pages</a>	5	100% 46/46	
<a href="#">org.apache.tapestry5.dom</a>	19	96% 531/551	
<a href="#">org.apache.tapestry5.grid</a>	6	67% 12/18	
<a href="#">org.apache.tapestry5.internal</a>	25	94% 272/290	
<a href="#">org.apache.tapestry5.internal.antlr</a>	17	81% 1020/1265	
<a href="#">org.apache.tapestry5.internal.beaneditor</a>	6	97% 138/142	
<a href="#">org.apache.tapestry5.internal.bindings</a>	22	92% 122/132	
<a href="#">org.apache.tapestry5.internal.event</a>	1	100% 7/7	
<a href="#">org.apache.tapestry5.internal.events</a>	1	N/A N/A	
<a href="#">org.apache.tapestry5.internal.grid</a>	5	91% 31/34	
<a href="#">org.apache.tapestry5.internal.gzip</a>	3	89% 47/53	
<a href="#">org.apache.tapestry5.internal.model</a>	4	98% 140/143	
<a href="#">org.apache.tapestry5.internal.pageload</a>	41	96% 634/657	
<a href="#">org.apache.tapestry5.internal.parser</a>	18	73% 91/124	
<a href="#">org.apache.tapestry5.internal.renderers</a>	6	90% 155/172	
<a href="#">org.apache.tapestry5.internal.services</a>	303	95% 5583/5855	
<a href="#">org.apache.tapestry5.internal.structure</a>	44	93% 682/736	
<a href="#">org.apache.tapestry5.internal.test</a>	11	67% 117/174	
<a href="#">org.apache.tapestry5.internal.transform</a>	37	99% 705/709	
<a href="#">org.apache.tapestry5.internal.translator</a>	10	97% 105/108	

Quality

## Packages

[All](#)  
[org.apache.tapestry5](#)  
[org.apache.tapestry5.ajax](#)  
[org.apache.tapestry5.annotations](#)  
[org.apache.tapestry5.beaneditor](#)  
[org.apache.tapestry5.corelib](#)  
[org.apache.tapestry5.corelib.base](#)

## All Packages

## Classes

[AbstractAsset \(80%\)](#)  
[AbstractBinding \(88%\)](#)  
[AbstractComponentCallback \(100%\)](#)  
[AbstractComponentEventLink \(100%\)](#)  
[AbstractComponentMethodInvocation \(100%\)](#)  
[AbstractConditional \(100%\)](#)  
[AbstractContributionDef \(25%\)](#)  
[AbstractField \(86%\)](#)  
[AbstractIncludeAssetWorker \(100%\)](#)  
[AbstractInstantiator \(83%\)](#)  
[AbstractLink \(91%\)](#)  
[AbstractMarkupModel \(94%\)](#)  
[AbstractOptionModel \(100%\)](#)  
[AbstractPropertyOutput \(94%\)](#)  
[AbstractSelectModel \(100%\)](#)  
[AbstractSessionPersistentFieldStrategy \(100%\)](#)  
[AbstractTextField \(100%\)](#)  
[AbstractTranslator \(100%\)](#)  
[AbstractValidator \(100%\)](#)



**Fun**

© jSpode

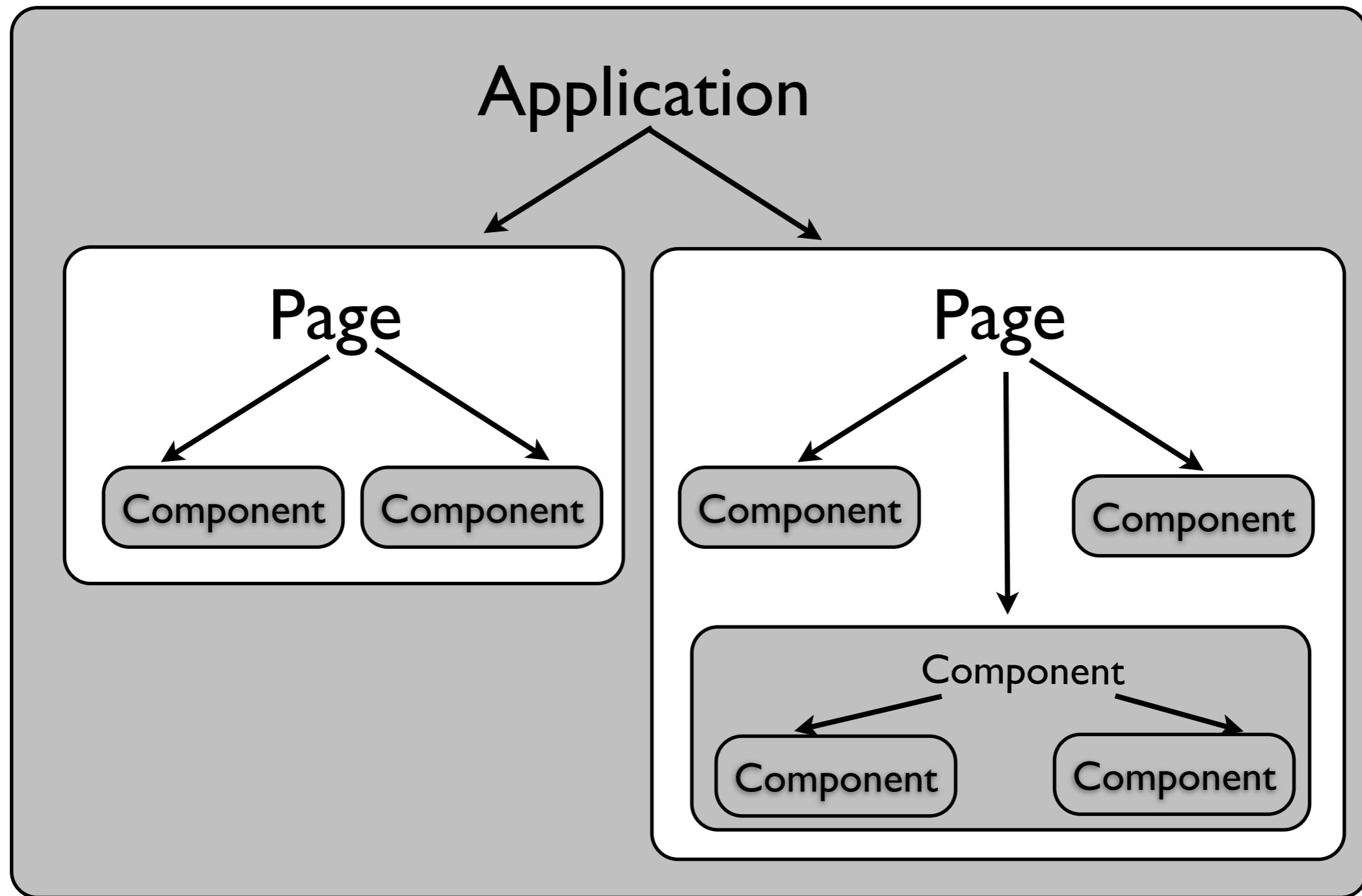




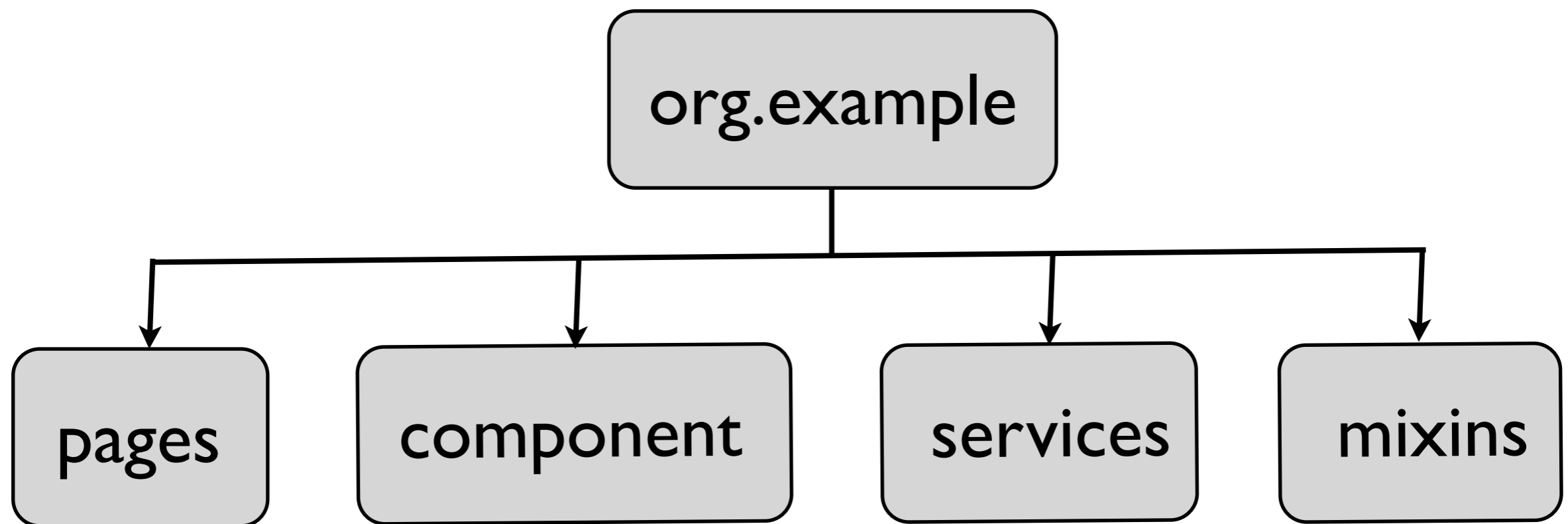
# Tapestry Elements



# Application Structure



# Package Structure



# Tapestry Pages



MyPage.java



MyPage.tml



# RESTful URLs



MyPage.java

# RESTful URLs



MyPage.java

# RESTful URLs



<http://localhost:8080/app/mypage>



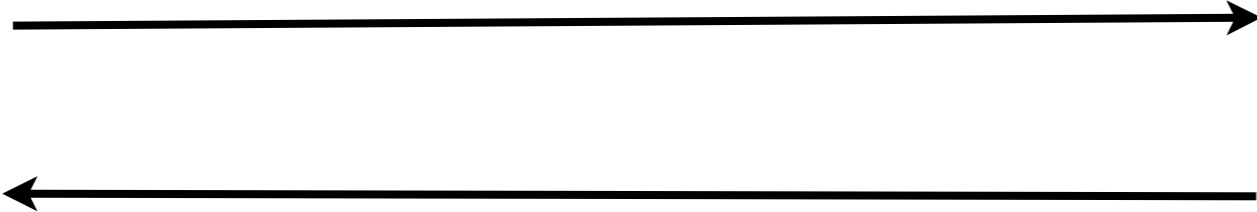
MyPage.java



# RESTful URLs



<http://localhost:8080/app/mypage>



MyPage.java

# RESTful URLs



<http://localhost:8080/app/mypage>



HTTP/1.1 200 OK



MyPage.java

# Tapestry Templates

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${hello}  
  </body>  
</html>
```

# Tapestry Templates

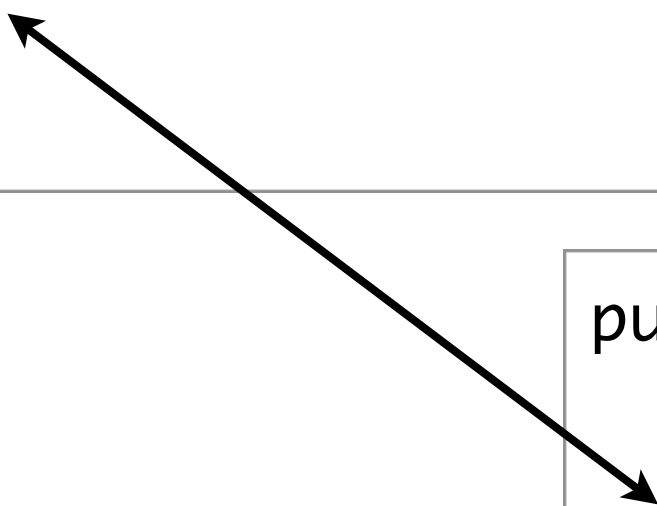
```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${hello}  
  </body>  
</html>
```

```
public class Index {  
  
    public String getHello() {  
        return "Hello, World!";  
    }  
}
```

# Tapestry Templates

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${hello}  
  </body>  
</html>
```

```
public class Index {  
  
  public String getHello() {  
    return "Hello, World!";  
  }  
}
```

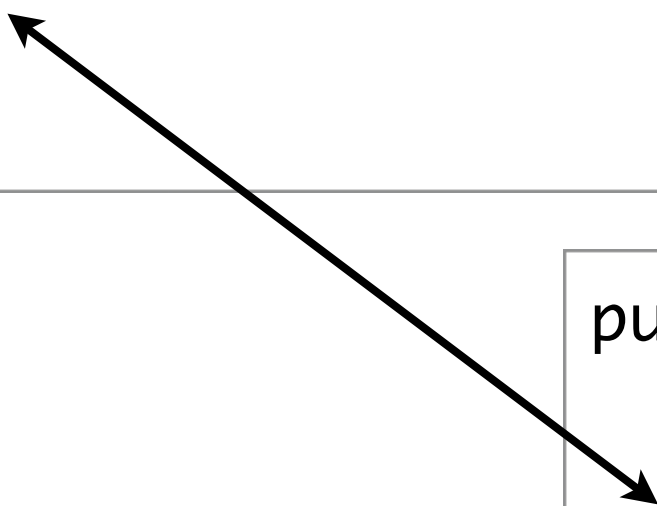




# Tapestry Templates

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
  
  </body>  
</html>
```

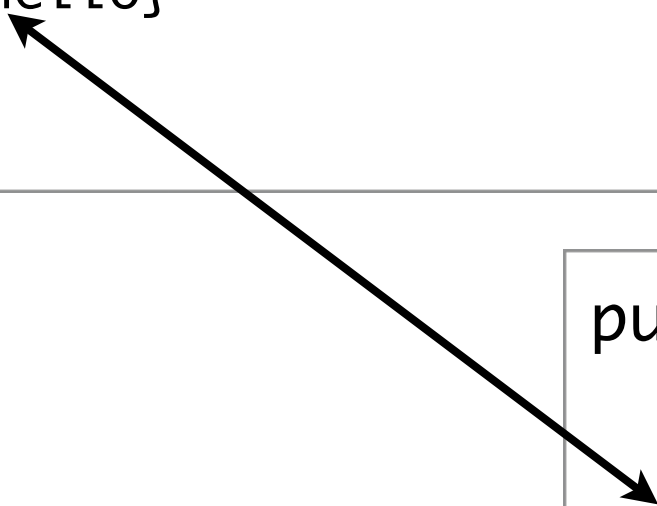
```
public class Index {  
  
  public String getHello() {  
    return "Hello, World!";  
  }  
}
```



# Tapestry Templates

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${prop:hello}  
  </body>  
</html>
```

```
public class Index {  
  
  public String getHello() {  
    return "Hello, World!";  
  }  
}
```



# Invisible Instrumentation

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:pagelink page="MyPage">Go to MyPage</t:pagelink>  
  </body>  
</html>
```

# Invisible Instrumentation

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:pagelink page="MyPage">Go to MyPage</t:pagelink>  
  </body>  
</html>
```

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <a t:type="pagelink" page="MyPage">Go to MyPage</a>  
  </body>  
</html>
```

# Meta Programming

```
public class Login {  
  
    @Property @Persist  
    private String username;  
  
    @Property @Persist  
    private String password;  
  
    @Inject  
    private Session session;  
  
    @CommitAfter @DiscardAfter  
    public Object onSuccess() {  
        User user = (User) session.createCriteria(User.class)  
            .add(Restrictions.eq("username", username));  
  
        ...  
        user.setLastLogin(new Date());  
  
        return UserProfile.class;  
    }  
}
```



# Demo



# Developer Productivity

# Tapestry Components



# Tapestry Components



`MyComponent.java`



`MyComponent.tml`

# Tapestry Components

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```



# Tapestry Components

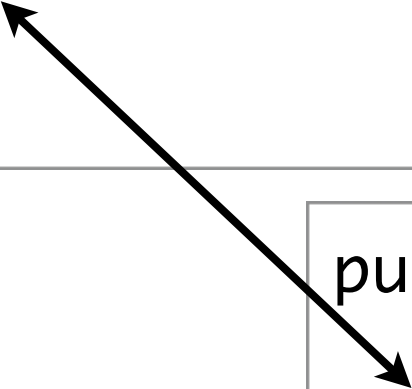
```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">
  <body>
    <t:helloComponent name="literal:Igor"/>
  </body>
</html>
```

```
public class HelloComponent {
    @Parameter
    private String name;

    public String getHello(){
        return "Hello, " + name;
    }
}
```

# Tapestry Components

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```



```
public class HelloComponent {  
  @Parameter  
  private String name;  
  
  public String getHello(){  
    return "Hello, " + name;  
  }  
}
```

# Tapestry Components

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```

```
public class HelloComponent {  
  @Parameter  
  private String name;  
  
  public String getHello(){  
    return "Hello, " + name;  
  }  
}
```

```
<div xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  ${hello}  
</div>
```

# Tapestry Components

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```

```
public class HelloComponent {  
  @Parameter  
  private String name;  
  
  public String getHello(){  
    return "Hello, " + name;  
  }  
}
```

```
<div xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  ${hello}  
</div>
```



# Tapestry Components

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```

# Tapestry Components


```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```

```
public class HelloComponent {  
  @Parameter  
  private String name;  
  
  void beginRender(MarkupWriter writer){  
    writer.element("div");  
    writer.write("Hello, " + name);  
    writer.end();  
  }  
}
```

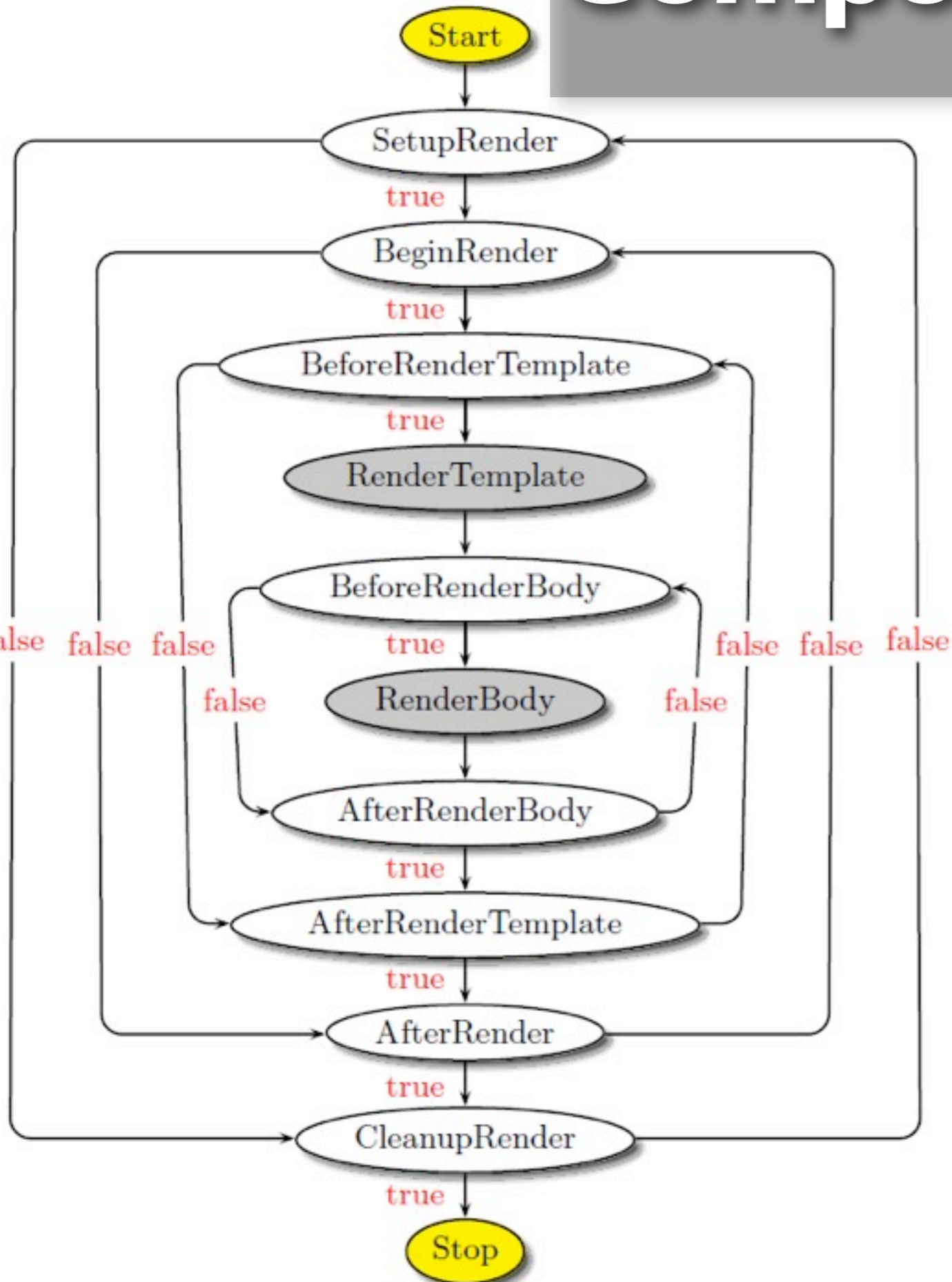
# Tapestry Components

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:helloComponent name="literal:Igor"/>  
  </body>  
</html>
```

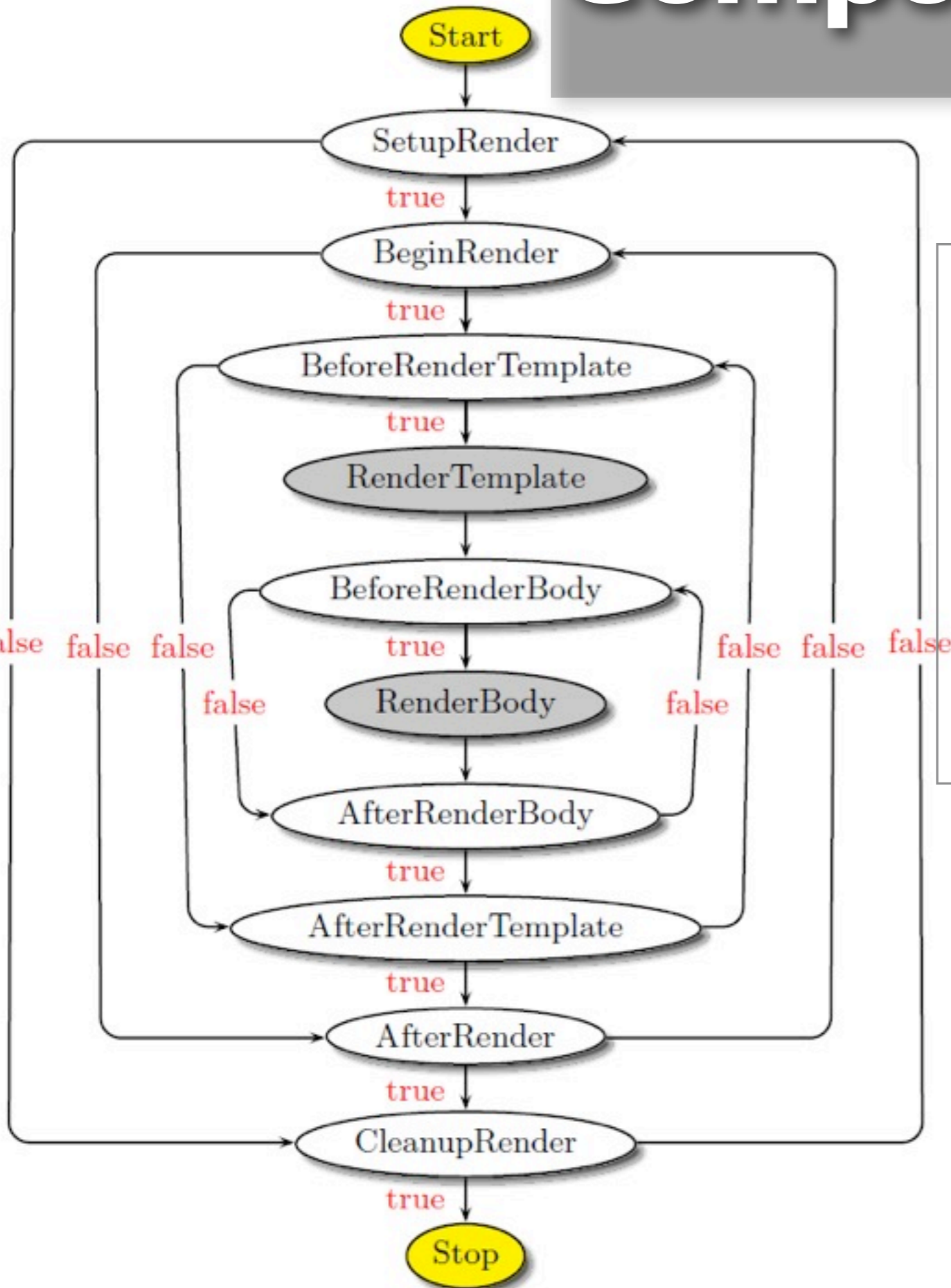
```
public class HelloComponent {  
  @Parameter  
  private String name;  
  
  void beginRender(MarkupWriter writer){  
    writer.element("div");  
    writer.write("Hello, " + name);  
    writer.end();  
  }  
}
```



# Component Rendering



# Component Rendering

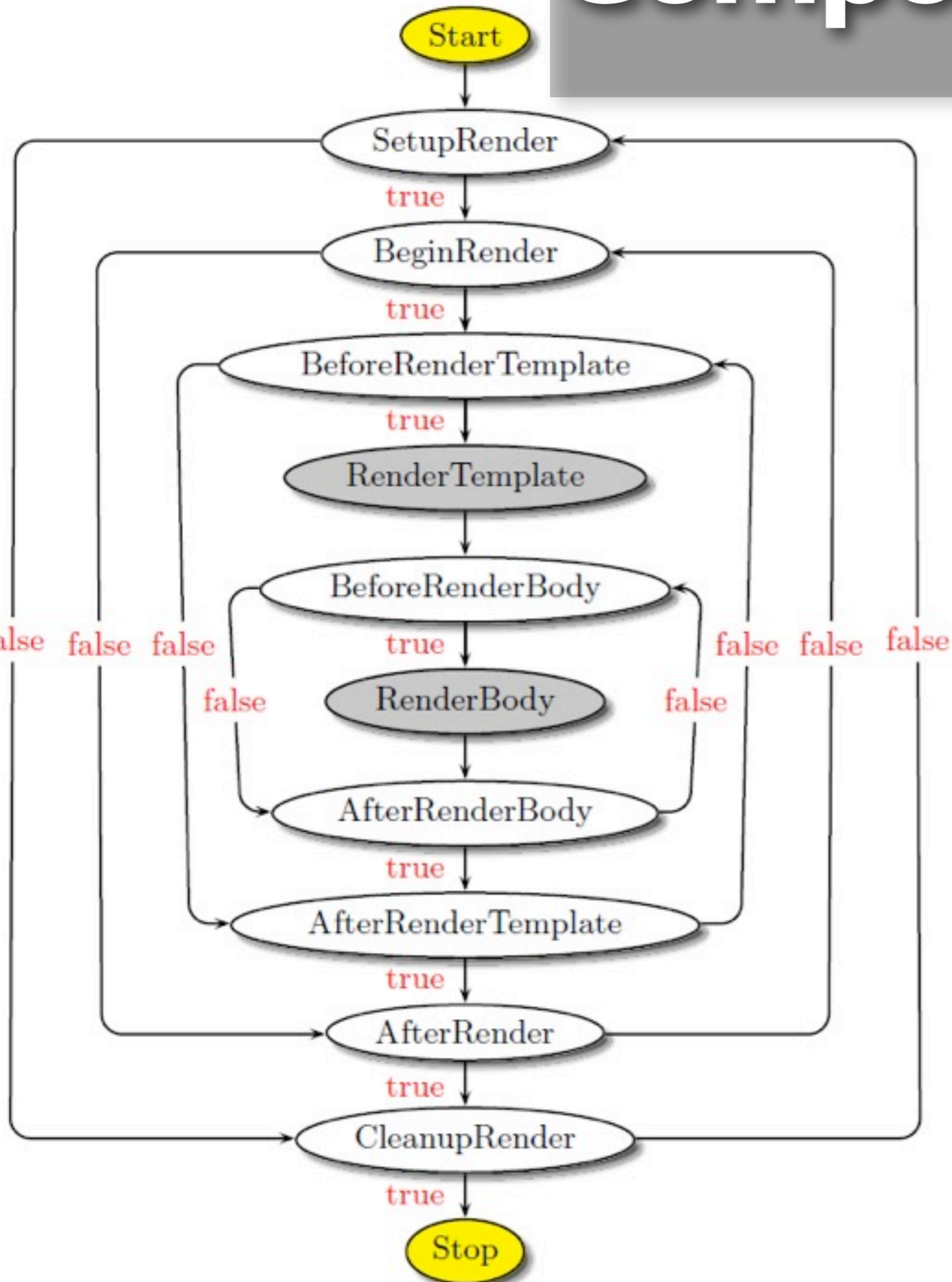


```
public class HelloComponent {
    @Parameter
    private String name;

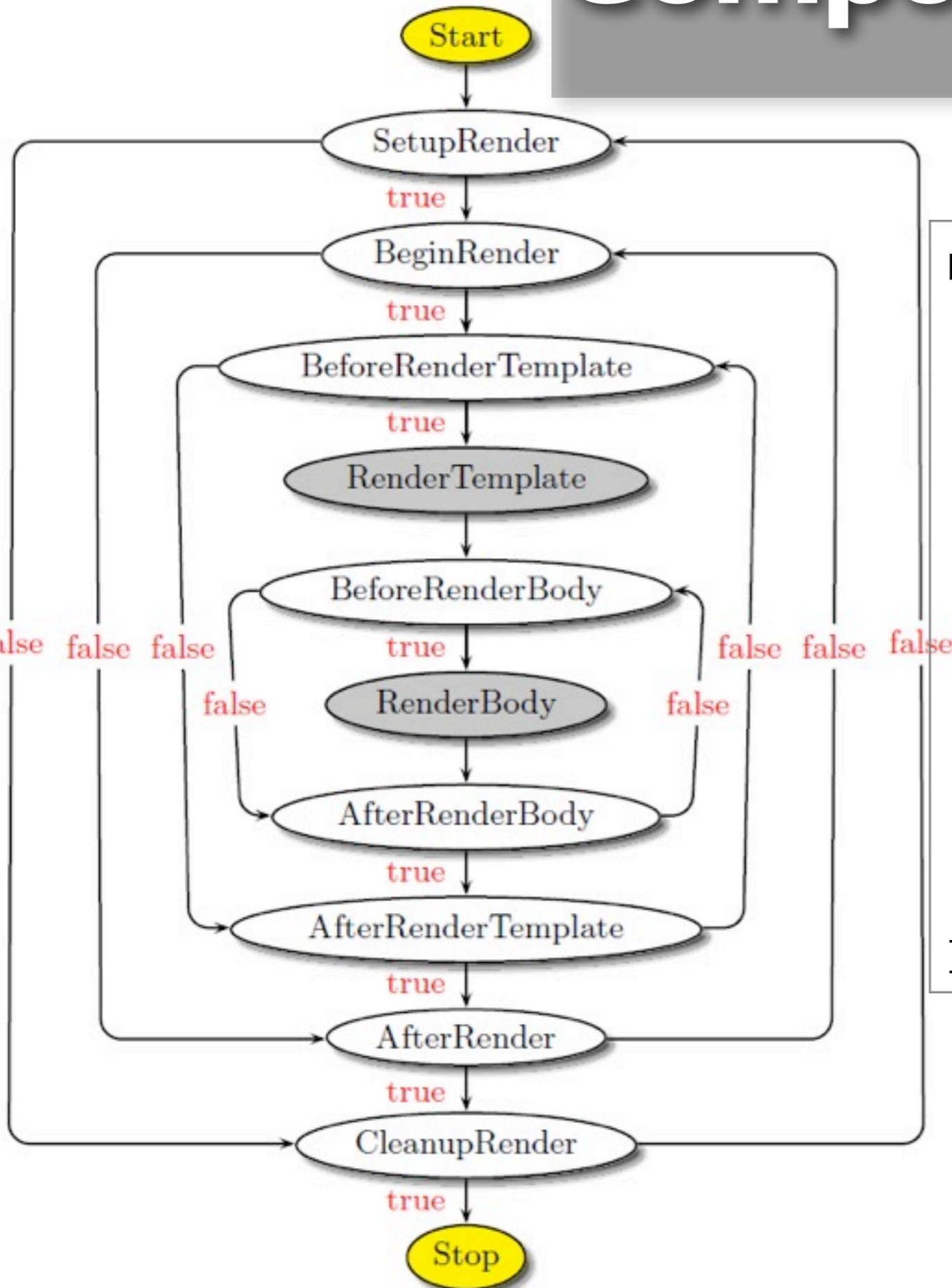
    boolean beginRender(MarkupWriter writer){
        writer.element("div");
        writer.write("Hello, " + name);
        writer.end();
        return false;
    }
}
```



# Component Rendering



# Component Rendering



```
public class HelloComponent {
    @Parameter
    private String name;

    void beginRender(MarkupWriter writer){
        writer.element("div");
    }

    void beforeRenderBody(MarkupWriter writer){
        writer.write("Hello, " + name);
    }

    void afterRender(MarkupWriter writer){
        writer.end();
    }
}
```



# UI for JavaBeans



# BeanEditForm

Tapestry 5 Demo  
Springfield

Start · [Create user](#) · InPlaceEditor example

## Edit/Create Citizen

**Name:**

**Email:**

**Birthday:**

**Role:**

Design by [Minimalistic Design](#)

```
public class User {  
    private long id;  
    private String name;  
    private String email;  
    private Date birthday;  
    private Role role = Role.GUEST;  
    ...  
}
```



# Grid

Tapestry 5 Demo  
Springfield

Start · Create user · InPlaceEditor example

Id	Name	Email	Birthday	Role
1	Homer Simpson	homer@springfield.org	Feb 20, 2008	Guest
2	Marge Simpson	marge@springfield.org	Feb 20, 2008	Guest
3	Bart Simpson	bart@springfield.org	Feb 20, 2008	Guest
4	Lisa Simpson	lisa@springfield.org	Feb 20, 2008	Guest
5	Abraham Jay Simpson	abraham@springfield.org	Feb 20, 2008	Guest
6	Charles Montgomery	charles@springfield.org	Feb 20, 2008	Guest
7	Selma Bouvier	selma@springfield.org	Feb 20, 2008	Guest
8	Ned Flanders	ned@springfield.org	Feb 20, 2008	Guest
9	Apu Nahasapeemapetilon	apu@springfield.org	Feb 20, 2008	Guest

[Create new user](#)

Design by [Minimalistic Design](#)

```
public class User {  
    private long id;  
    private String name;  
    private String email;  
    private Date birthday;  
    private Role role = Role.GUEST;  
    ...  
}
```



# Demo



## User Interfaces for JavaBeans



# Component Events

# Component Events 1/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:actionlink>Click me</t:actionlink>  
  </body>  
</html>
```

# Component Events 1/3

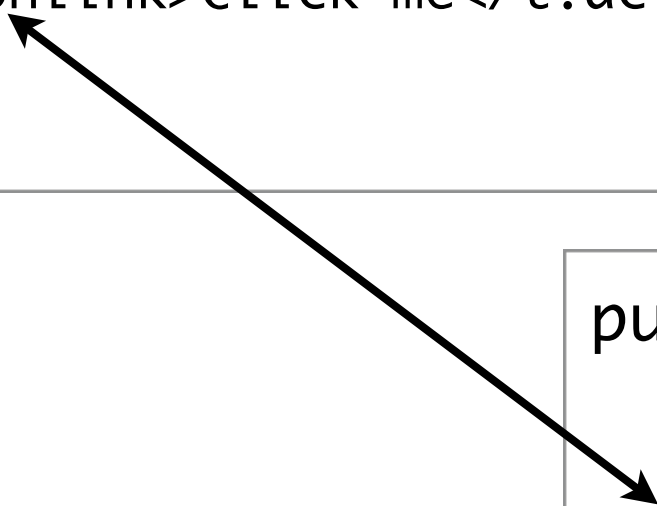
```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:actionlink>Click me</t:actionlink>  
  </body>  
</html>
```

```
public class Index {  
    void onAction() {  
        ...  
    }  
}
```

# Component Events 1/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:actionlink>Click me</t:actionlink>  
  </body>  
</html>
```

```
public class Index {  
  void onAction() {  
    ...  
  }  
}
```



# Component Events 2/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:actionlink t:id="first">Click me</t:actionlink>  
    <t:actionlink t:id="second">Click me too</t:actionlink>  
  </body>  
</html>
```



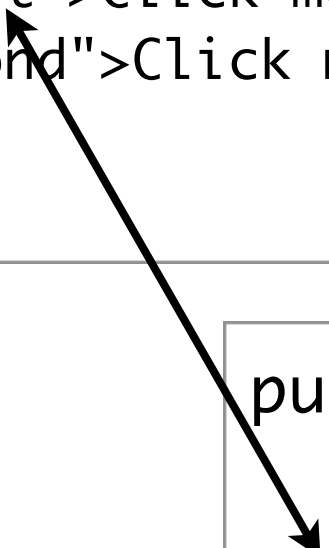
# Component Events 2/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">
  <body>
    <t:actionlink t:id="first">Click me</t:actionlink>
    <t:actionlink t:id="second">Click me too</t:actionlink>
  </body>
</html>
```

```
public class Index {
    void onActionFromFirst(){...}
    void onActionFromSecond(){...}
}
```

# Component Events 2/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:actionlink t:id="first">Click me</t:actionlink>  
    <t:actionlink t:id="second">Click me too</t:actionlink>  
  </body>  
</html>
```

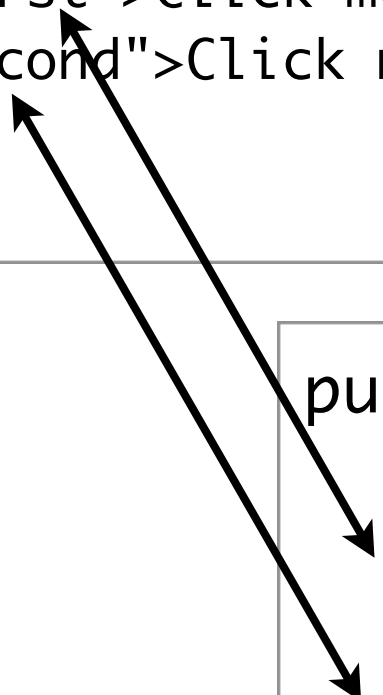


```
public class Index {  
    void onActionFromFirst(){...}  
    void onActionFromSecond(){...}  
}
```

# Component Events 2/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    <t:actionlink t:id="first">Click me</t:actionlink>  
    <t:actionlink t:id="second">Click me too</t:actionlink>  
  </body>  
</html>
```

```
public class Index {  
  void onActionFromFirst(){...}  
  void onActionFromSecond(){...}  
}
```



# Component Events 2/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">
  <body>
    <t:actionlink t:id="first">Click me</t:actionlink>
    <t:actionlink t:id="second">Click me too</t:actionlink>
  </body>
</html>
```

```
public class Index {

  @OnEvent(component="first")
  void foo() {...}

  @OnEvent(component="second")
  void bar() {...}

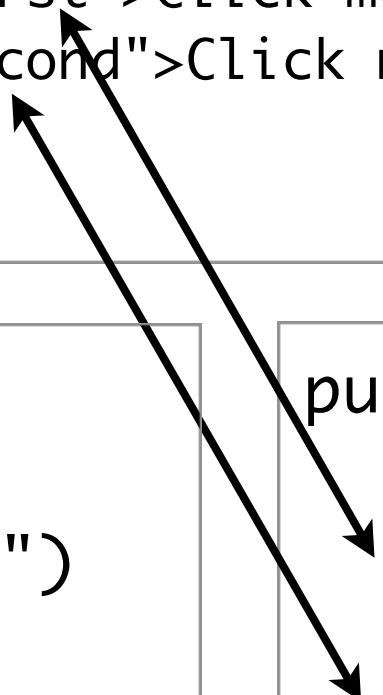
}
```

```
public class Index {

  void onActionFromFirst(){...}

  void onActionFromSecond(){...}

}
```



# Component Events 3/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">
  <body>
    <t:form>
      <t:textfield value="username"/>
      <t:passwordfield value="password"/>
      <input type="submit">
    </t:form>
  </body>
</html>
```

# Component Events 3/3

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">
  <body>
    <t:form>
      <t:textfield value="username"/>
      <t:passwordfield value="password"/>
      <input type="submit">
    </t:form>
  </body>
</html>
```

```
public class FormDemo {

    void onValidateForm() { ... }
    void onSuccess() { ... }
    void onFailure() { ... }
}
```



# Events & Page Navigation

# Events & Page Navigation

```
public class Index {  
  
    @InjectPage  
    private MyPage myPage;  
  
    Object onAction(){  
        return myPage;  
    }  
}
```

# Events & Page Navigation

# Events & Page Navigation

```
public class Index {  
    Object onAction(){  
        return „MyPage“;  
    }  
}
```

# Events & Page Navigation

# Events & Page Navigation

```
public class Index {  
    Object onAction(){  
        return MyPage.class;  
    }  
}
```



# Events & Page Navigation

# Events & Page Navigation

```
public class Index {  
  
    Object onAction() throws MalformedURLException {  
        return new URL("http://www.google.com");  
    }  
}
```

# Events & Page Navigation



# Internationalization





# Message Catalog



**MyPage.java**



**MyPage.tml**



**MyPage.properties**



**MyPage\_de.properties**



**app.properties**

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```



# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```

welcome-message: Welcome

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```

welcome-message: Welcome

welcome-message: Willkommen

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```

welcome-message: Welcome

welcome-message: Willkommen

welcome-message: Добро пожаловать

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```



welcome-message: Welcome

welcome-message: Willkommen

welcome-message: Добро пожаловать

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```

de



welcome-message: Welcome

welcome-message: Willkommen

welcome-message: Добро пожаловать

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```

de

welcome-message: Welcome

welcome-message: Willkommen

welcome-message: Добро пожаловать



# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```

en

de

welcome-message: Welcome

welcome-message: Willkommen

welcome-message: Добро пожаловать

# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```



# Accessing Messages

```
<html xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd">  
  <body>  
    ${messages:welcome-message}  
  </body>  
</html>
```



# Localizable Templates



MyPage.java



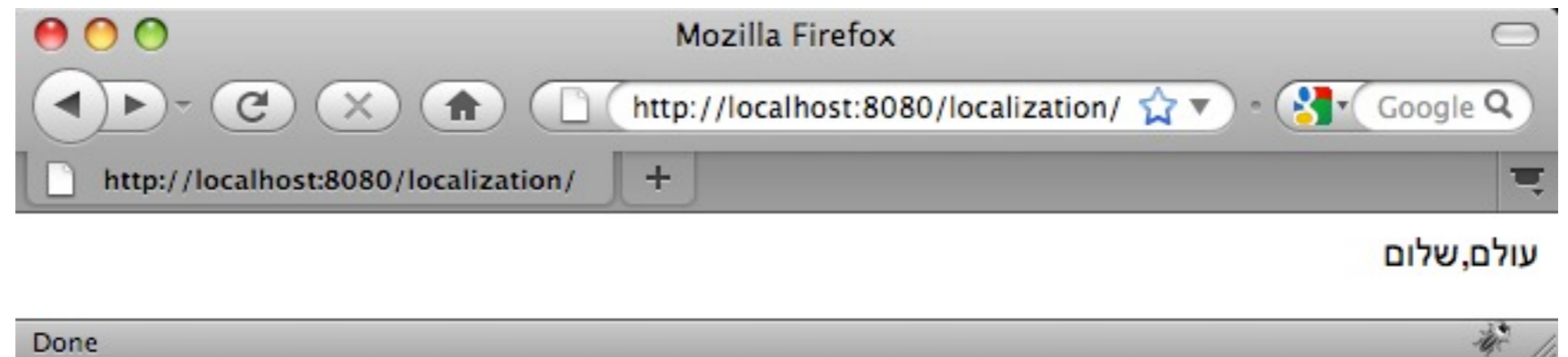
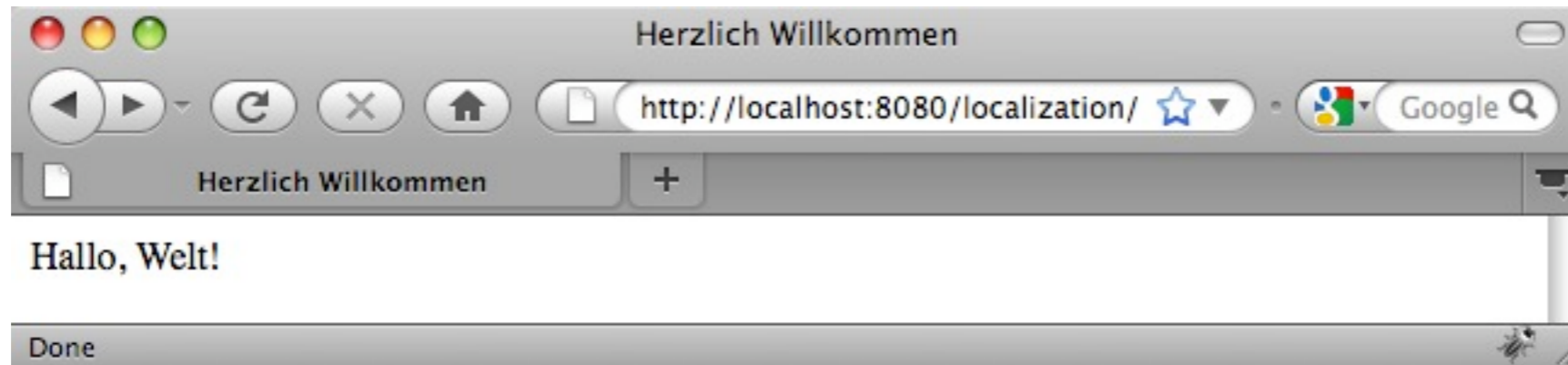
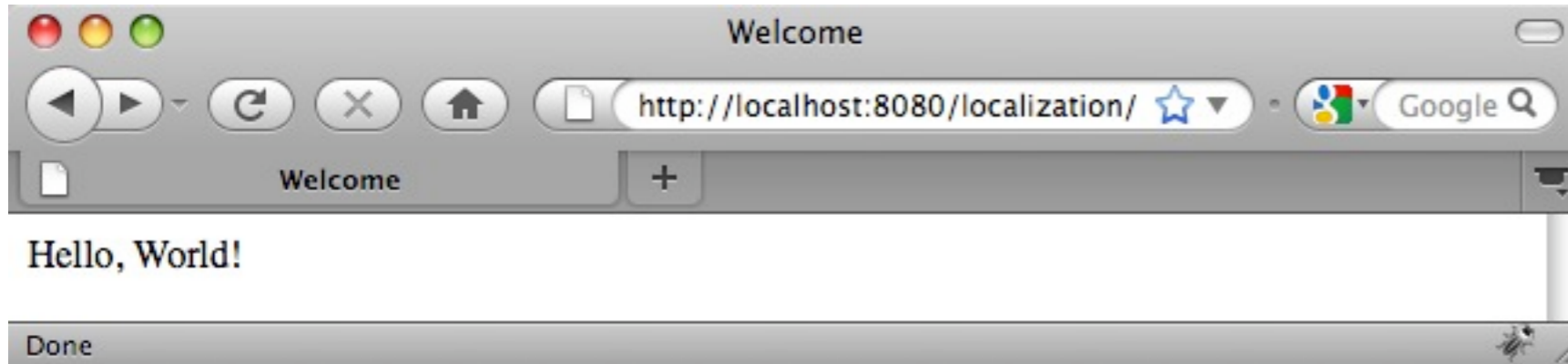
MyPage.tml



MyPage\_iw.tml



MyPage\_jp.tml



# Localizable Images



MyPage.java



MyPage.tml



Logo.jpg



Logo\_de.jpg



Logo\_ru.jpg





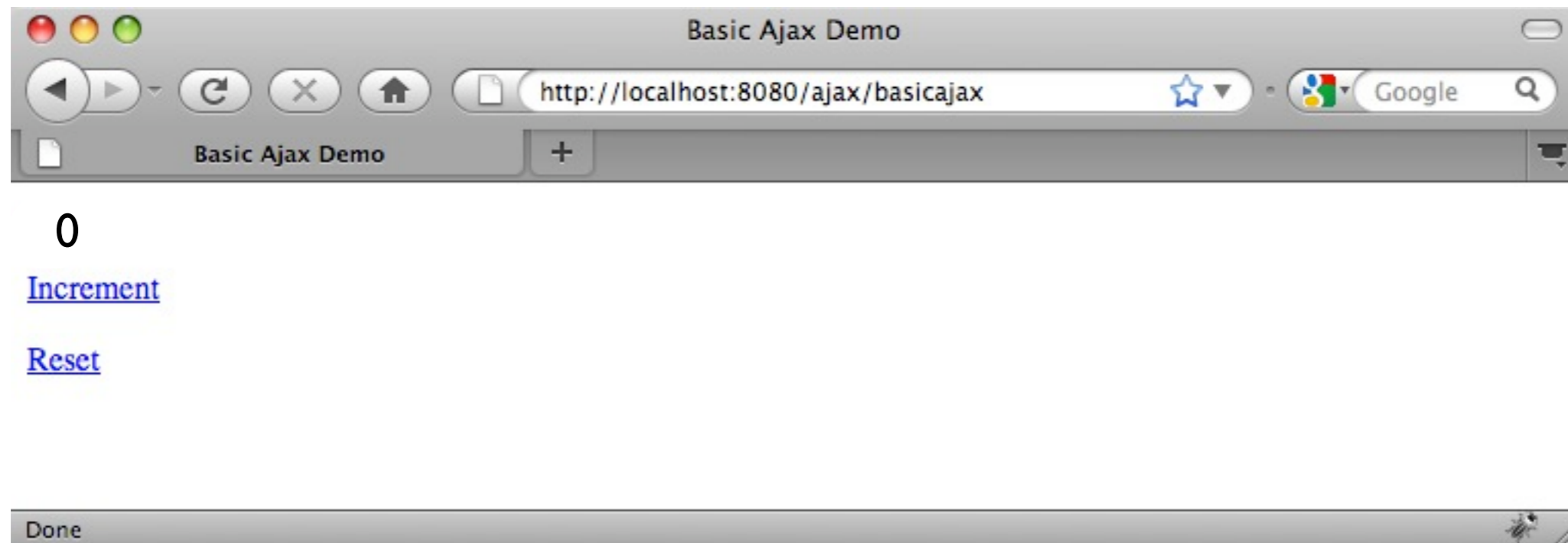
# Ajax & Tapestry

# Demo

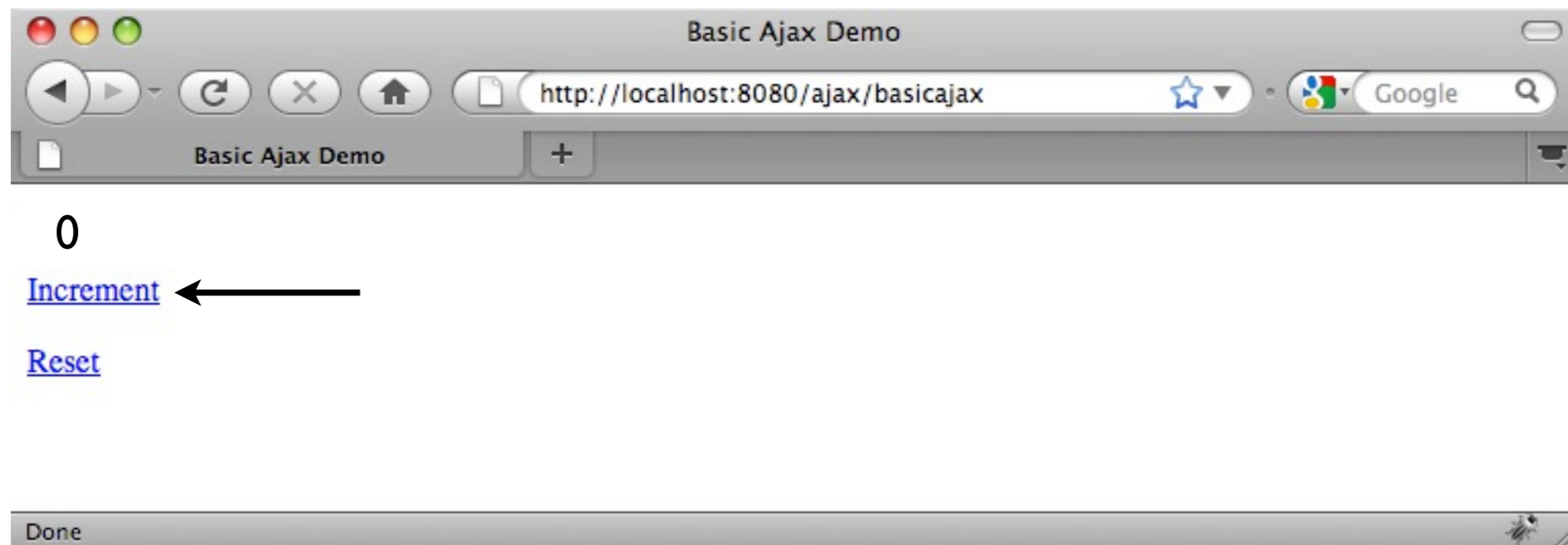


Ajax

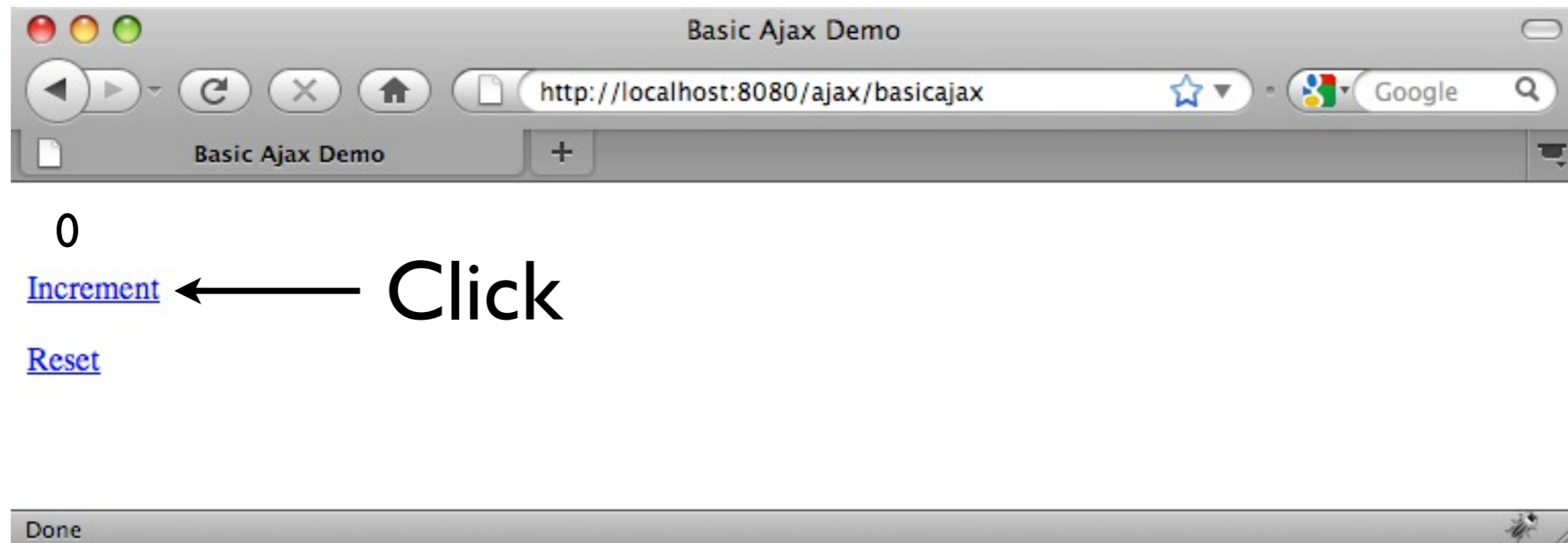
# Partial Updates



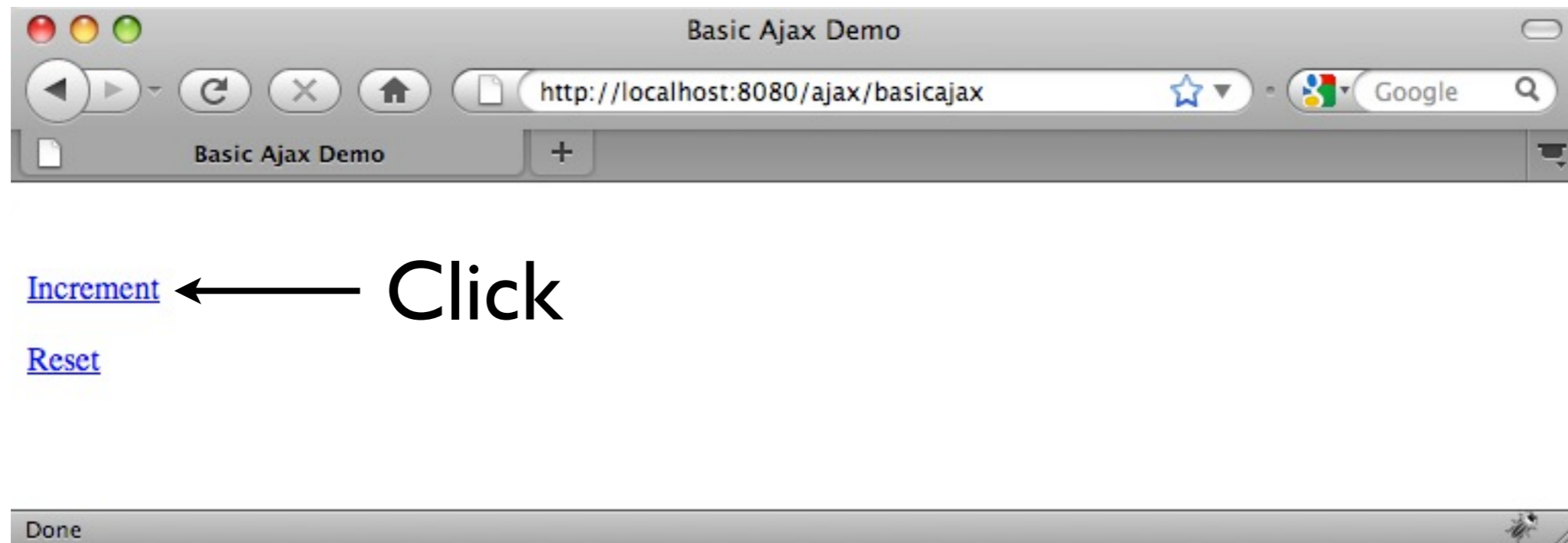
# Partial Updates



# Partial Updates



# Partial Updates



[Increment](#)

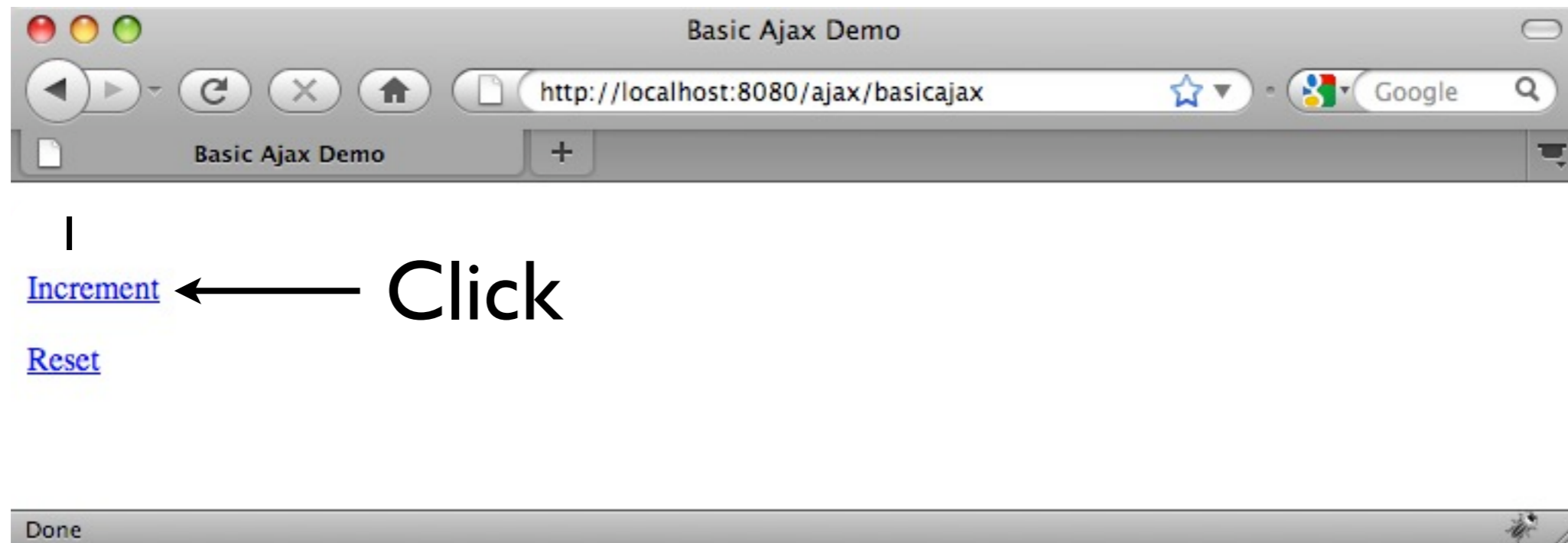
← Click

[Reset](#)

Done



# Partial Updates



# Around Tapestry



Tapestry JumpStart

Tapestry360



ioko

equanda

# <http://tapestry.apache.org/>

The screenshot shows a web browser window with the title "Apache Tapestry - Welcome to Tapestry". The address bar contains "http://tapestry.apache.org/". The page features the Tapestry logo (a green circle with a white unicorn) and the word "tapestry" in a large, lowercase font. A navigation menu on the left includes "Quick Links" (Home, Committers, Download, Wiki, News, Books and Articles, Tapestry360, Contributions, Blog, Sponsorship, Thanks), "Versions" (Tapestry 4.1 (stable), Tapestry 5.1 (stable)), "Support" (Tapestry Support), "Project Documentation", and "Project Information" (About, Continuous Integration, Issue Tracking, Mailing Lists, Project License, Project Team, Source Repository). The main content area has a heading "Welcome to Apache Tapestry" and a paragraph: "Apache Tapestry is an open-source framework for creating dynamic, robust, highly scalable web applications in Java. Tapestry complements and builds upon the standard Java Servlet API, and so it works in any servlet container or application server." Below this is another paragraph: "Tapestry divides a web application into a set of pages, each constructed from components. This provides a consistent structure, allowing the Tapestry framework to assume responsibility for key concerns such as URL construction and dispatch, persistent state storage on the client or on the server, user input validation, localization/internationalization, and exception reporting. Developing Tapestry applications involves creating HTML templates using plain HTML, and combining the templates with small amounts of Java code. In Tapestry, you create your application in terms of objects, and the methods and properties of those objects -- and specifically not in terms of URLs and query parameters. Tapestry brings true object oriented development to Java web applications." A third paragraph states: "Tapestry is specifically designed to make creating new components very easy, as this is a routine approach when building applications." A fourth paragraph says: "Tapestry is architected to scale from tiny, single-page applications all the way up to massive applications consisting of hundreds of individual pages, developed by large, diverse teams. Tapestry easily integrates with any kind of backend, including JEE, HiveMind, Spring and Hibernate." The final paragraph reads: "It's more than what you can do with Tapestry ... it's also how you do it! Tapestry is a vastly productive environment. Java developers love it because they can make Java code changes and see them immediately ... no redeploy, no restart! And it's blazingly fast to boot (even when files change). Designers love it because Tapestry templates are so close to ordinary HTML, without all the cruft and confusion seen in JavaServer Pages. Managers love it because it makes it easy for large teams to work together, and because they know important features (including localization) are baked right in. Once you work in Tapestry there's no going back!" On the right side, there is a box titled "Get Tapestry 5.1.0.5" with a "Download Tapestry 5.1.0.5" link, and "Get Tapestry 4.1.6" with a "Download Tapestry 4.1.6" link. Below these is a "New!" section with several links: "Tapestry 5.0.19 - Bug Fix Release", "Tapestry Training in London, Paris", "New committer: Ulrich Stärk", "Thiago elected to PMC", "New Tapestry 5 book available as eBook", "Tapestry 5.1.0.5 - Final Release", "New committers: Thiago and Robert", and "Tapestry 5.0 Refcard". At the bottom left, there is a "Built by: maven" logo. The browser status bar at the bottom shows "Done".



# <http://chenillekit.org>

The screenshot shows a web browser window titled "Chenille Kit - Home" with the address bar containing "http://www.chenillekit.org/". The page features the Chenille Kit logo (a green caterpillar) and the text "chenillekit". Below the logo, it says "Last Published: 2009-05-10 02:24:106" and "Tapestry".

**Project Home**

- Modules
  - Access
  - Core
  - Google
  - Hibernate
  - Hivemind
  - Image
  - LDAP
  - Lucene
  - Mail
  - Quartz
  - Reports
  - Scripting
  - Template
  - Tapestry
- Project Documentation
- ▶ Project Information
- Developer Info
  - Maven Repos
  - Release Checklist
  - Versioning
  - Source
  - Javascript

**Built by: maven**

## What is Chenille Kit?

Chenille Kit is a collection of modules with sophisticated components, services and utils based on Tapestry's IOC but **NOT** only for Tapestry Framework based servlet applications.

### The Modules

At the moment there exists some modules like:

module	description
Core	core utils we need for some of the following modules
Access <a href="#">Access</a>	library which provide access restriction constraints to Tapestry 5 web application
Google	Google based services like geocoding, distance, etc
Hibernate	some util classes and services to simplify the life with <a href="#">Hibernate</a>
Hivemind	a bridge from/to <a href="#">Apache's HiveMind</a> to <a href="#">Apache's Tapestry5</a>
Image	a simple image scaling service
LDAP	simple search service against a LDAP server
Lucene	indexer and sercher service based on <a href="#">Apache's Lucene's</a> fulltext engine.
Mail	simple mail service based on <a href="#">Apache's Commons Email</a>
Quartz	<a href="#">Quartz</a> based scheduler services
Reports	<a href="#">Jasperreports</a> based reporting services
Scripting	scripting service based on <a href="#">Apache's Bean Scripting Framework</a>
Tapestry	collection of components and services for your <a href="#">Apache's Tapestry5 Framework</a> based applications
Template	<a href="#">Apache's Velocity</a> and <a href="#">FreeMarker</a> based template services


© 2008-2009 ChenilleKit

# <http://tynamo.org>

Tynamo - Home

http://tynamo.org/

Google Custom Search Search

 Home News | SVN | Jira | Mailing Lists | Tynamo@Xircles

**JAX 2010**  
Die Konferenz für Java, Enterprise Architecture & SOA - heute buchen!  
[www.it-republik.de/JAX](http://www.it-republik.de/JAX)

**Free Service Testing Tool**  
Build, Test, Deliver Higher Quality Web Services - Free Download  
[web.progress.com/actional](http://web.progress.com/actional)

**Java EE Architekt gesucht**  
Hibernate, AOP, JBoss Junges Top-Team sucht Erweiterung  
[www.senacor.de/karriere](http://www.senacor.de/karriere)

Ads by Google

**Home**

**Tynamo** is model-driven, full-stack web framework based on Tapestry 5.

Tynamo's mission is to make web application development in Java simpler. We leverage existing technologies where possible and provide integrations with proven, clean and compact libraries rather than limit ourselves only to standard Java (JSRs). Tynamo is both comprehensive and modular so you are free to choose the parts you like from our full stack. And finally, we like Tapestry and our modules use Tapestry IoC extensively.

**Quick status update**

Initial releases done. Initial pass done on guides. Javadocs published, but not accessible yet, working on it. Tynamo-archetype available at Central and ready for consumption.

Sunday, January 10, 2010

**Introducing Tynamo!**

Last changed Jan 10, 2010 00:45 by [Kalle Korhonen](#)

Done



# <http://jumpstart.doublenegative.com.au>

**Tapestry JumpStart**

Home | Demo | Download (4.5.2 new, 4 Sep) | Installation | Orientation | Tips | FAQ | Troubleshooting | Bugs & Enhancements

### Teach Yourself Tapestry by Example

JumpStart is an easy way to learn [Tapestry 4](#) or [5](#) by example, and it's free! It's an instant, working application, ready for you to explore and modify. It's built entirely on open-source items. You are welcome to use any part of JumpStart for your own applications.

JumpStart gives you the Tapestry essentials - a project structure and these features:

- Hello World! and lots of other "getting started" examples.
- A login screen with basic authentication.
- Screens to search, create, edit, and delete.
- Persistence with EJB3.
- All the source. JumpStart is packaged as a full, working Eclipse project.

It also takes you through a series of examples from the basics to more advanced topics:

- Navigation.
- Validators and translators.
- Creating components.
- AJAX.
- Preventing duplicate submits.
- Returning to previous page.
- Localization.
- Wizards (web flow).
- Date handling.
- Exception handling.

And to demonstrate these techniques JumpStart uses typical real-world entities and relationships including Users and Roles.

**Getting started.** It takes only a few minutes to get running. You can [download JumpStart here](#).

**Feedback.** Of course JumpStart is not perfect (and of course no warranty is expressed or implied). It is simply my contribution to the Tapestry community. Please send your suggestions, corrections, criticisms and contributions to [Tapestry 5 Caffe](#) or [me](#). It's all appreciated.

Geoff Callender  
Sydney, Australia

**JumpStart 4.5.2**  
For Tapestry 5.1.0.5

Choose one of these "getting started" examples or topics to the application.

Hello World	Multiple Submits	Grid	Creating Components
WebWorld Explorer	Multiple Forms	Formworkable Grid	Grid Page Components
Default	LinkSubmits	Sorted Grid	Component Components
Methods	Starting Data in a Page	Sorted Grid	Layout
Annotations	Passing Data Between Pages	Formworkable Grid	Events Building
Before/Default	Showing Across Multiple Pages	Form and Remove Columns	Stream New Event
Save (Default) Using BeanChecker	Creating Session Controls	Grid Model	AJAX Actions
Take Control (Default)	Showing Across the Navigation	Grid with Column Controls	Zone Without Default Page
Preparable Templates	Global At Services	Grid with Column Encoder	AJAX Form
Management	Component Components	Grid with Column Encoder	Autocomplete Menu
PageCache	Actions	Grid with Column Encoder	Grid with Column Encoder
Advanced Layout	Multiple Action Links	Grid with Column Encoder	AJAX Dr. Event, Component
Forms	Thumbnail at AddressList	Grid with Column Encoder	AJAX SubComponents
Validators	EventLink	Grid with Column Encoder	AJAX Components
EventLink	Search Types	Grid with Column Encoder	AJAX Search
Creating Validators	What is Called and What	Grid with Column Encoder	Localization By Message Catalog
Submits	Multiple Method Invokes	Grid with Column Encoder	Localization By Template
Submits (Default)	Submits	Grid with Column Encoder	Wizard Using Form Fragments
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Wizard Using Components
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Wizard Using Pages
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Conversations List
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Jobs Title
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Found a bug? Please report it.
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Comments? Suggestions?
Using Ajax BeanChecker	Formworkable Grid, Submits	Grid with Column Encoder	Please send to <a href="#">Tapestry 5 Caffe</a> or <a href="#">me</a> .

Done

# <http://tapestry5.de>

The screenshot shows a browser window with the title "Tapestry 5 Blog - Thoughts on coding, technology and occasional stuff." and the URL "http://tapestry5.de/". The website has a dark header with navigation links: "blog" (highlighted), "buch", "autor", and "Kontakt". The main content area features the title "Tapestry 5" in yellow on the left and a large image of a mannequin weaving on a loom on the right. Below the title, there is a post dated "8 Jan" titled "Guest Lecture about Tapestry at University of Dortmund", posted in the "Tapestry" category. The post content includes the TU Dortmund logo and text about a guest lecture on January 12th. To the right of the post is a search bar with a "GO" button and an "archives" section listing "Januar 2010 (3)", "Dezember 2009 (4)", and "November 2009 (2)".

Tapestry 5 Blog - Thoughts on coding, technology and occasional stuff.

http://tapestry5.de/

blog buch autor Kontakt

## Tapestry 5

**8 Jan** **Guest Lecture about Tapestry at University of Dortmund**  
posted in: [Tapestry](#)

January 12th I'll have the pleasure to guest lecture to **Computer Science** students at the University of Dortmund about Tapestry 5. This guest lecture takes place within the scope of the course name *Web technologies* that is

search  GO

archives

- Januar 2010 (3)
- Dezember 2009 (4)
- November 2009 (2)

Done



# Thank You

I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry  
I never gonna use another web framework than Tapestry

