Seam with Wicket

Pete Muir

JBoss, a division of Red Hat
Brief intro to Wicket

Write your HTML

Specify an id so that Wicket can bind to the HTML

Build a tree of objects that mirror the HTML

```java
public class Home extends WebPage {
    public Home(final PageParameters parameters) {
        add(new LoginForm("login"));
    }
}
```

```html
<form wicket:id="login">
    Login Name:  <input wicket:id="username" />
    Password:    <input wicket:id="password" type="password" />
    <input type="submit" value="Account Login"/>
</form>
```
public class LoginForm extends Form {
    public LoginForm(String id) {
        super(id);
        add(new TextField("username", new PropertyModel(identity, "username")));
        add(new PasswordTextField("password", new PropertyModel(identity, "password")));
    }

    protected void onSubmit() {
        // Authenticate, and display feedback to user
    }
}
So, let’s add Seam

HTML doesn’t change!

```java
public class Home extends WebPage {

    @In Identity identity;

    @Logger Log log;
```
So, let’s add Seam

- And, of course, you want some security

```java
@Restrict
public class Book extends WebPage {

- The future?
  - Control conversations from your Wicket component class
  - Control BPM from your Wicket component class
  - Finer grained security
  - Support for controlling conversation propagation
```