

How to build an XMLForm Wizard, Step Three

by Heidi Brannan

1. Step Three: JavaBean

1.1. HowToBean.java

Next we create the simple JavaBean which holds the data filled in the form. Each value has a set and get method. Each value must map with the form data. This is done using XPath.

Copy the file below and save it as HowToBean.java in the folder \apache\xml-cocoon2\src\scratchpad\src\org\apache\cocoon\samples\xmlform

```
package org.apache.cocoon.samples.xmlform;

import java.util.Set;
import java.util.HashSet;
import java.util.List;
import java.util.ArrayList;

import org.w3c.dom.*;
import javax.xml.parsers.*;
import javax.xml.transform.*;

/**
 *
 * A sample domain object used as a Form model.
 * Notice that it has mixed content:
 * JavaBean properties and
 * DOM Nodes, which are handled correctly by the
 * framework when referenced via XPath.
 */
```

```
public class HowToBean
{
    private String username = "DonaldDuck";
    private String email = "donald@disney.com";
    private String password = "secret123";
    private boolean organicGardening = true;
    private boolean cooking = true;
    private boolean smallholdingManagement = true;
    private boolean flowers = true;
    private boolean vegetables = true;
    private boolean fruitTrees = true;
    private boolean traditionalReciepes = true;
    private boolean soups = true;
    private boolean veganCookery = true;
    private boolean pigKeeping = true;
    private boolean pygmyGoats = true;
    private boolean henKeeping = true;
    private Node system;

    public HowToBean ()
    {

    }

    public String getUsername() {
        return username;
    }

    public void setUsername(String newUserName) {
        username = newUserName;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String newPassword) {
        password = newPassword;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String newEmail) {
        email = newEmail;
    }

    public boolean getOrganicGardening()
    {
        return organicGardening;
    }

    public void setOrganicGardening( boolean newOrganicGardening )
```

How to build an XMLForm Wizard, Step Three

```
{
    organicGardening = newOrganicGardening;
}

public boolean getCooking()
{
    return cooking;
}

public void setCooking( boolean newCooking )
{
    cooking = newCooking;
}

public boolean getSmallholdingManagement()
{
    return smallholdingManagement;
}

public void setSmallholdingManagement( boolean newSmallholdingManagement )
{
    smallholdingManagement = newSmallholdingManagement;
}

public boolean getFlowers()
{
    return flowers;
}

public void setFlowers( boolean newFlowers )
{
    flowers = newFlowers;
}

public boolean getVegetables()
{
    return vegetables;
}

public void setVegetables( boolean newVegetables )
{
    vegetables = newVegetables;
}

public boolean getFruitTrees()
{
    return fruitTrees;
}

public void setFruitTrees( boolean newFruitTrees )
{
    fruitTrees = newFruitTrees;
}
```

```
public boolean getTraditionalReciepes()  
{  
    return traditionalReciepes;  
}  
  
public void setTraditionalReciepes( boolean newTraditionalReciepes )  
{  
    traditionalReciepes = newTraditionalReciepes;  
}  
  
public boolean getSoups()  
{  
    return soups;  
}  
  
public void setSoups( boolean newSoups )  
{  
    soups = newSoups;  
}  
  
public boolean getVeganCookery()  
{  
    return veganCookery;  
}  
  
public void setVeganCookery( boolean newVeganCookery )  
{  
    veganCookery = newVeganCookery;  
}  
  
public boolean getPigKeeping()  
{  
    return pigKeeping;  
}  
  
public void setPigKeeping( boolean newPigKeeping )  
{  
    pigKeeping = newPigKeeping;  
}  
  
public boolean getPygmyGoats()  
{  
    return pygmyGoats;  
}  
  
public void setPygmyGoats( boolean newPygmyGoats )  
{  
    pygmyGoats = newPygmyGoats;  
}  
  
public boolean getHenKeeping()  
{  
    return henKeeping;  
}
```

How to build an XMLForm Wizard, Step Three

```
public void setHenKeeping( boolean newHenKeeping )
{
    henKeeping = newHenKeeping;
}
```

Now we move on to [Step 4:HowtoWizardAction.java](#)

2. Revisions

Find a problem with this document? Consider contacting the mailing lists or submitting your own revision. For instructions, read the [How To Submit a Revision](#).