

Glossary of Terms

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1. Terms

Control

Controls are designed to make it easier to integrate complex resources into your Java application. Controls consist of two JAVA files: a Control implementation file, and a Control interface file.

Controller class / Controller file

The Controller class is a JAVA class that handles the data processing tasks in a [Page Flow](#). Controller classes contain the action methods and configuration information (encoded as metadata annotations) for a Page Flow web application.

Databinding

Databinding connects JSP pages to data objects. The data objects can be located in various places throughout the web application: in the [Controller file](#), in the standard JSP objects, etc. A list of the different databinding expressions can be found at [Databinding](#) (pageflow/pageflow_databinding.html) .

Form Bean

Typically, a Form Bean is a server-side representation of a HTML <netui:form> tag. Form Beans follow ordinary Java Bean syntax: each Form Bean is a class consisting of any number of members, each member having a setter and a getter method associated with it. Form Beans should also extend `java.io.Serializable` in order to facilitate persistence of Form Bean instances. The Sample Form Bean below has two members, each member has a getter and setter method associated with it.

```
public static class ProfileFormBean extends java.io.Serializable
{
    private int age;
    private String name;

    public void setAge(int age)
    {
        this.age = age;
    }

    public int getAge()
    {
        return this.age;
    }

    public void setName(String name)
    {
        this.name = name;
    }

    public String getName()
```

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```
    {  
        return this.name;  
    }  
}
```

Form Beans are most often used to pick up data that is submitted from a `<netui:form>` tag, or incoming data from a back-end resource. Once the data has been picked up by a Form Bean instance, it is then passed to an Action method.

`<netui>` tag library

The JSP library for Page Flow web applications. The `<netui>` tag library uses databinding expressions to connect the JSP pages to the Controller file and other application resources.

Page Flow

A Page Flow consists of one JPF Controller file and one or more JSP pages. A Page Flow is a web application module. A whole web application consists of one or more Page Flows.

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