**Add Comments**

**Goals:** In this lab, you will add functionality to implement the comments.

**Instructions:**  
The next thing you need to do for your basic blog is to allow people to add comments. To do this you will need to:

* Update your CommentController.
* Create an edit.gsp in the grails-app/views/comment directory.
* Display comments on the view post page.

The CommentController needs to have only edit and save actions, as comments will be viewed in the context of a post. The Controller below provides a new Comment to the edit form and then saves the comment once it is submitted:

package groovypublish

class CommentController {

def edit = {

render(view:'edit',

model:[ comment:new Comment(),

postId:params.postId])

}

def save = {

def comment = new Comment(params)

comment.dateCreated = new Date();

comment.post = Post.get(params.postId)

if(comment.save()) {

redirect(

controller:'post',

action:'view',

id:params.postId)

} else {

render(view:'edit',

model:[comment:comment,

postId:params.postId])

}

}

}

The CommentController contains two new items of interest. The first is the content of the params object when a new Comment is created. This params object will contain value key pairs with the following structure:

* comment: the users comment
* who.name: the name of the person leaving the comment
* who.email: the email of the commentator
* who.url: the website address of the commentator

This structure will populate the fields of the Comment and its Commentator object. Be aware that you are saving only the comment object and the commentator is being implicitly saved because it belongs to the comment.

The comment edit.gsp page is much like the others:

<%@ page contentType="text/html;charset=UTF-8" %>

<html>

<head>

<title>Create Comment</title>

</head>

<body>

<h1>Create a comment</h1>

<div id="validationerrors">

<g:renderErrors bean="${comment}"/>

<g:renderErrors bean="${comment.who}"/>

</div>

<g:form controller="comment" action="save">

<g:hiddenField name="postId" value="${postId}"/>

<dl>

<dt>Your name:</dt>

<dd>

<g:textField name="who.name" value="${comment.who.name}"/>

</dd>

<dt>Your email:</dt>

<dd>

<g:textField name="who.email" value="${comment.who.email}"/>

</dd>

<dt>Your website/blog:</dt>

<dd>

<g:textField name="who.url" value="${comment.who.url}"/>

</dd>

<dt>Add your comment:</dt>

<dd>

<g:textArea name="comment" value="${comment.comment}" rows="20" cols="50"/>

</dd>

</dl>

<g:submitButton name="submit" value="Save"/>

</g:form>

</body>

</html>

Finally, you need to add some code to the view.gsp for Posts to allow the comments for a post to be displayed:

<g:each in="${post.comments}" var="comment">

<div class="comment">

<p>${comment.comment}</p>

<p>Made by: ${comment.who.name} on ${comment.dateCreated}</p>

</div>

</g:each>