

## NewProductAction.java

```
1 package model.action;
2
3 import java.util.Date;
4
5
6
7
8
9
10
11 public class NewProductAction extends ModelAction {
12
13     private ProductRepository productRepository;
14     Object params[];
15
16     @Override
17     public void setPersistenceRepository(HttpServletRequest request) {
18         ServletContext context = request.getSession().getServletContext();
19         productRepository = (ProductRepository) context.getAttribute
20 ("productRepository");
21     }
22
23     @Override
24     public Object createEntity() {
25         Product p = productRepository.newProduct();
26         setEntityAssociations(p);
27         productRepository.persistOrMerge(p, p.getId());
28         return p;
29     }
30
31     @Override
32     public void setEntityAssociations(Object product) {
33         ((Product) product).setProductName((String) params[0]);
34         ((Product) product).setProductDescription((String) params[1]);
35
36         Double price;
37         if (params[2] == null) {
38             price = Double.valueOf("0");
39         } else {
40             price = Double.valueOf((String) params[2]);
41         }
42         ((Product) product).setProductPrice(price);
43         ((Product) product).setProductInsertDate(new Date());
44     }
45 }
46
47 @Override
48 public void getRequestParameters(HttpServletRequest request) {
49     params = new Object[3];
50     params[0] = request.getParameter("ProductName");
51     params[1] = request.getParameter("ProductDescription");
52     params[2] = request.getParameter("ProductPrice");
53 }
54 }
```