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org.springframework.ui

Interface Model

All Known Subinterfaces:

RedirectAttributes

All Known Implementing Classes:

BindingAwareConcurrentModel, BindingAwareModelMap, ConcurrentModel, ExtendedModelMap, RedirectAttributesModelMap

public interface Model

Java-5-specific interface that defines a holder for model attributes. Primarily designed for adding attributes to the model. Allows for accessing the overall model as a `java.util.Map`.

Since:

2.5.1

Author:

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| Method Summary  |  |
|---|--|
| All Methods   | Instance MethodsAbstract Methods   |
| Modifier and Type   | Method and Description   |
| Model   | <b>addAllAttributes</b> ( <code>java.util.Collection&lt;?&gt;</code> attributeValues)<br>Copy all attributes in the supplied Collection into this Map, using attribute name generation for each element. |
| Model   | <b>addAllAttributes</b> ( <code>java.util.Map&lt;java.lang.String,?&gt;</code> attributes)<br>Copy all attributes in the supplied Map into this Map.   |
| Model   | <b>addAttribute</b> ( <code>java.lang.Object</code> attributeValue)<br>Add the supplied attribute to this Map using a <b>generated name</b> .  |
| Model   | <b>addAttribute</b> ( <code>java.lang.String</code> attributeName, <code>java.lang.Object</code> attributeValue)<br>Add the supplied attribute under the supplied name.                                  |
| <code>java.util.Map&lt;java.lang.String,java.lang.Object&gt;</code> | <b>asMap</b> ()<br>Return the current set of model attributes as a Map.  |
| boolean   | <b>containsAttribute</b> ( <code>java.lang.String</code> attributeName)<br>Does this model contain an attribute of the given name?   |
| Model   | <b>mergeAttributes</b> ( <code>java.util.Map&lt;java.lang.String,?&gt;</code> attributes)<br>Copy all attributes in the supplied Map into this Map, with existing objects of the same name taking        |

## Method Detail

### addAttribute

```
Model addAttribute(java.lang.String attributeName,  
                  @Nullable  
                  java.lang.Object attributeValue)
```

Add the supplied attribute under the supplied name.

**Parameters:**

attributeName - the name of the model attribute (never null)

attributeValue - the model attribute value (can be null)

### addAttribute

```
Model addAttribute(java.lang.Object attributeValue)
```

Add the supplied attribute to this Map using a [generated name](#).

Note: Empty Collections are not added to the model when using this method because we cannot correctly determine the true convention name. View code should check for null rather than for empty collections as is already done by JSTL tags.

**Parameters:**

attributeValue - the model attribute value (never null)

### addAllAttributes

```
Model addAllAttributes(java.util.Collection<?> attributeValues)
```

Copy all attributes in the supplied Collection into this Map, using attribute name generation for each element.

**See Also:**

[addAttribute\(Object\)](#)

### addAllAttributes

```
Model addAllAttributes(java.util.Map<java.lang.String,?> attributes)
```

Copy all attributes in the supplied Map into this Map.

**See Also:**

[addAttribute\(String, Object\)](#)

### mergeAttributes

```
Model mergeAttributes(java.util.Map<java.lang.String,?> attributes)
```

Copy all attributes in the supplied Map into this Map, with existing objects of the same name taking precedence (i.e. not getting replaced).

**containsAttribute**

```
boolean containsAttribute(java.lang.String attributeName)
```

Does this model contain an attribute of the given name?

**Parameters:**

attributeName - the name of the model attribute (never null)

**Returns:**

whether this model contains a corresponding attribute

**asMap**

```
java.util.Map<java.lang.String,java.lang.Object> asMap()
```

Return the current set of model attributes as a Map.

Spring Framework

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