

org.apache.openjpa.lib.conf

Class PluginValue

[java.lang.Object](#)

└─ [org.apache.openjpa.lib.conf.Value](#)

└─ [org.apache.openjpa.lib.conf.ObjectValue](#)

└─ **org.apache.openjpa.lib.conf.PluginValue**

All Implemented Interfaces:

[Cloneable](#)

Direct Known Subclasses:

[BrokerFactoryValue](#), [BrokerValue](#), [EntityManagerFactoryValue](#), [MappingFactoryValue](#),
[MappingRepositoryValue](#), [QueryCompilationCacheValue](#), [RemoteCommitProviderValue](#), [SeqValue](#)

```
public class PluginValue
extends ObjectValue
```

A plugin [Value](#) consisting of plugin name and properties. Plugins should be specified in the form:

```
<plugin-name>(<prop1>=<val1>, ...)
```

Both the plugin name and prop list are optional, so that the following forms are also valid:

```
<plugin-name>
```

```
<prop1>=<val1> ... Defaults and aliases on plugin values apply only to the plugin name.
```

Author:

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Constructor Summary

[PluginValue](#)([String](#) prop, boolean singleton)

Method Summary

String	getClassName () The plugin class name.
------------------------	--

protected String	getInternalString () Return the internal string form of this value.
-------------------------------------	---

String	getProperties () The plugin properties.
------------------------	---

String	getString () Return a stringified version of this value.
------------------------	--

Class	getValueType () Returns the type of the property that this Value represents.
-----------------------	--

Object	instantiate (Class type, Configuration conf, boolean fatal) Instantiate the plugin as an instance of the given class.
------------------------	--

boolean	<code>isSingleton()</code> Whether this value is a singleton.
protected void	<code>objectChanged()</code> Implement this method to synchronize internal data with the new object value.
void	<code>set(Object obj, boolean derived)</code> The internal value.
void	<code>setClassName(String name)</code> The plugin class name.
protected void	<code>setInternalString(String str)</code> Set this value from the given string.
void	<code>setProperties(String props)</code> The plugin properties.
void	<code>setString(String str)</code> Set this value from the given string.

Methods inherited from class org.apache.openjpa.lib.conf.[ObjectValue](#)

[get](#), [instantiate](#), [newInstance](#), [set](#), [setInternalObject](#)

Methods inherited from class org.apache.openjpa.lib.conf.[Value](#)

[alias](#), [alias](#), [clone](#), [equals](#), [getAliases](#), [getDefault](#), [getInstantiatingGetter](#), [getListener](#), [getLoadKey](#), [getProperty](#), [getScope](#), [hashCode](#), [isAliasListComprehensive](#), [setAlias](#), [setAlias](#), [setAliases](#), [setAliasListComprehensive](#), [setDefault](#), [setInstantiatingGetter](#), [setListener](#), [setLoadKey](#), [setObject](#), [setProperty](#), [setScope](#), [unalias](#), [unalias](#), [valueChanged](#)

Methods inherited from class java.lang.[Object](#)

[finalize](#), [getClass](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Constructor Detail

PluginValue

```
public PluginValue(String prop,
                  boolean singleton)
```

Method Detail

isSingleton

```
public boolean isSingleton()

    Whether this value is a singleton.
```

getClassName

```
public String getClassName()
```

The plugin class name.

setClassName

```
public void setClassName(String name)
```

The plugin class name.

getProperties

```
public String getProperties()
```

The plugin properties.

setProperties

```
public void setProperties(String props)
```

The plugin properties.

instantiate

```
public Object instantiate(Class type,  
                        Configuration conf,  
                        boolean fatal)
```

Instantiate the plugin as an instance of the given class.

Overrides:

[instantiate](#) in class [ObjectValue](#)

set

```
public void set(Object obj,  
               boolean derived)
```

Description copied from class: [ObjectValue](#)

The internal value.

Overrides:

[set](#) in class [ObjectValue](#)

derived - if true, this value was derived from other properties

getString

```
public String getString()
```

Description copied from class: [Value](#)

Return a stringified version of this value. If the current value has a short alias key, the alias key is returned.

Overrides:

[getString](#) in class [Value](#)

setString

```
public void setString(String str)
```

Description copied from class: [Value](#)

Set this value from the given string. If the given string is null or empty and a default is defined, the default is used. If the given string(or default) is an alias key, it will be converted to the corresponding value internally.

Overrides:

[setString](#) in class [Value](#)

getValueType

```
public Class getValueType()
```

Description copied from class: [Value](#)

Returns the type of the property that this Value represents.

Overrides:

[getValueType](#) in class [ObjectValue](#)

objectChanged

```
protected void objectChanged()
```

Description copied from class: [ObjectValue](#)

Implement this method to synchronize internal data with the new object value.

Overrides:

[objectChanged](#) in class [ObjectValue](#)

getInternalString

```
protected String getInternalString()
```

Description copied from class: [Value](#)

Return the internal string form of this value.

Overrides:

[getInternalString](#) in class [ObjectValue](#)

setInternalString

```
protected void setInternalString(String str)
```

Description copied from class: [Value](#)

Set this value from the given string.

Overrides:

[setInternalString](#) in class [ObjectValue](#)

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