| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleStateSet.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/accessibility/AccessibleState.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleStreamable.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleStateSet.html)    [**NO FRAMES**](http://docs.google.com/AccessibleStateSet.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

## **javax.accessibility**

Class AccessibleStateSet

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.accessibility.AccessibleStateSet**

public class **AccessibleStateSet**extends [Object](http://docs.google.com/java/lang/Object.html)

Class AccessibleStateSet determines a component's state set. The state set of a component is a set of AccessibleState objects and descriptions. E.G., The current overall state of the object, such as whether it is enabled, has focus, etc.

**See Also:**[AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)

| **Field Summary** | |
| --- | --- |
| protected  [Vector](http://docs.google.com/java/util/Vector.html)<[AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)> | [**states**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#states)            Each entry in the Vector represents an AccessibleState. |

| **Constructor Summary** | |
| --- | --- |
| [**AccessibleStateSet**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#AccessibleStateSet())()            Creates a new empty state set. |
| [**AccessibleStateSet**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#AccessibleStateSet(javax.accessibility.AccessibleState%5B%5D))([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)[] states)            Creates a new state with the initial set of states contained in the array of states passed in. |

| **Method Summary** | |
| --- | --- |
| boolean | [**add**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#add(javax.accessibility.AccessibleState))([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) state)            Adds a new state to the current state set if it is not already present. |
| void | [**addAll**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#addAll(javax.accessibility.AccessibleState%5B%5D))([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)[] states)            Adds all of the states to the existing state set. |
| void | [**clear**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#clear())()            Removes all the states from the current state set. |
| boolean | [**contains**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#contains(javax.accessibility.AccessibleState))([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) state)            Checks if the current state is in the state set. |
| boolean | [**remove**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#remove(javax.accessibility.AccessibleState))([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) state)            Removes a state from the current state set. |
| [AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)[] | [**toArray**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#toArray())()            Returns the current state set as an array of AccessibleState |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#toString())()            Creates a localized String representing all the states in the set using the default locale. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### states

protected [Vector](http://docs.google.com/java/util/Vector.html)<[AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)> **states**

Each entry in the Vector represents an AccessibleState.

**See Also:**[add(javax.accessibility.AccessibleState)](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#add(javax.accessibility.AccessibleState)), [addAll(javax.accessibility.AccessibleState[])](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#addAll(javax.accessibility.AccessibleState%5B%5D)), [remove(javax.accessibility.AccessibleState)](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#remove(javax.accessibility.AccessibleState)), [contains(javax.accessibility.AccessibleState)](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#contains(javax.accessibility.AccessibleState)), [toArray()](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#toArray()), [clear()](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#clear())

| **Constructor Detail** |
| --- |

### AccessibleStateSet

public **AccessibleStateSet**()

Creates a new empty state set.

### AccessibleStateSet

public **AccessibleStateSet**([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)[] states)

Creates a new state with the initial set of states contained in the array of states passed in. Duplicate entries are ignored.

**Parameters:**states - an array of AccessibleState describing the state set.

| **Method Detail** |
| --- |

### add

public boolean **add**([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) state)

Adds a new state to the current state set if it is not already present. If the state is already in the state set, the state set is unchanged and the return value is false. Otherwise, the state is added to the state set and the return value is true.

**Parameters:**state - the state to add to the state set **Returns:**true if state is added to the state set; false if the state set is unchanged

### addAll

public void **addAll**([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)[] states)

Adds all of the states to the existing state set. Duplicate entries are ignored.

**Parameters:**states - AccessibleState array describing the state set.

### remove

public boolean **remove**([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) state)

Removes a state from the current state set. If the state is not in the set, the state set will be unchanged and the return value will be false. If the state is in the state set, it will be removed from the set and the return value will be true.

**Parameters:**state - the state to remove from the state set **Returns:**true if the state is in the state set; false if the state set will be unchanged

### clear

public void **clear**()

Removes all the states from the current state set.

### contains

public boolean **contains**([AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) state)

Checks if the current state is in the state set.

**Parameters:**state - the state **Returns:**true if the state is in the state set; otherwise false

### toArray

public [AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)[] **toArray**()

Returns the current state set as an array of AccessibleState

**Returns:**AccessibleState array containing the current state.

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Creates a localized String representing all the states in the set using the default locale.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**comma separated localized String**See Also:**[AccessibleBundle.toDisplayString(java.lang.String, java.util.Locale)](http://docs.google.com/javax/accessibility/AccessibleBundle.html#toDisplayString(java.lang.String,%20java.util.Locale))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleStateSet.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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