

[AudioDriverKit](#) / [IOUserAudioStereoPanControl](#)

Class

IOUserAudioStereoPanControl

A control object that supports panning between stereo channels.

DriverKit 21.0+

```
class IOUserAudioStereoPanControl;
```

Topics

Creating a Stereo Pan Control

Create

Allocates and initializes an instance of the stereo pan control class.

init

Initializes an instance of a stereo pan control.

IOUserAudioDriver

A DriverKit provider object that manages communications with an audio device.

IOUserAudioObjectPropertyElement

A four character code which, along with the selector and scope, identify a specific piece of information about an audio object.

IOUserAudioObjectPropertyScope

A four character code which, along with the selector and element, identify a specific piece of information about an audio object.

Freeing a Stereo Pan Control

`free`

Frees the stereo pan control.

Getting Information About the Class

`GetClassID`

Gets the audio class identifier of the object.

`GetBaseClassID`

Gets the audio class identifier of the base class object.

`IOUserAudioClassID`

An identifier for the type of audio object.

Supporting Value Changes

`HandleChangeControlValue`

Tells the stereo pan control the value is changing.

Accessing the Value

`SetControlValue`

Sets the stereo pan value of the control.

`GetControlValue`

Gets the floating-point stereo pan value of the control.

`SetPanningChannels`

Sets the current stereo panning channels.

`GetPanningChannels`

Gets the current stereo panning channels.

Relationships

Inherits From

[IOUserAudioControl](#)

See Also

Using Audio Controls

[IOUserAudioControl](#)

The base class for audio control objects.

[IOUserAudioBooleanControl](#)

A control object that supports setting a Boolean value.

[IOUserAudioSliderControl](#)

A control object that supports setting a 32-bit integer value.

[IOUserAudioSelectorControl](#)

A control object that supports selecting from a set of values.

[IOUserAudioLevelControl](#)

A control object that supports setting an audio level, with either scalar or decibel values.