Soundcool's ScModule Specification

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This is a specification for the `ScModule` superclass that implements methods common to all soundcool modules.

Attributes

context:window.AudioContext

instance of Web Audio context to be imported from `sc-context.js`.

inputs:Array

`JS Array` containing all inputs to that soundcool module.

outputs:Array

`JS Array` containing all outputs to that soundcool module.

Methods

connectTo(destination, sourceOutIndex, destInIndex)

- `destination`: an instance of a class that inherits `ScModule`. Specifies which module object to connect to.

- `sourceOutIndex`: integer index of the source's `outputs` attribute. (default: 0)

- `destInIndex`: integer index of the `destination`'s `inputs` attribute. (default: 0)

This method is used to connect two instantiated soundcool objects.

disconnect(destination, sourceOutIndex, destInIndex)

- destination: an instance of a class that inherits ScModule. Specifies which module object to disconnect.

- sourceOutIndex: integer index of the source's outputs attribute. (default: 0)

- destInIndex: integer index of the destination's inputs attribute. (default: 0)

This method is used to disconnect two already connected soundcool objects.