

findEffects

`findEffects(recursive, nameOrFilterFunction)`

Description

Function to find effects in the specified [Element](#) object. For example, `this.parent` specifies the parent of the script module as [Element](#) object to be searched in. To specify a bus to be searched in, use [getBus](#) or [findBusses](#). If `recursive` is set to `true`, subelements will also be searched. The function returns an array with the [Effect](#) objects of the found effects. Particular effects can be searched by name or through a filter function. If searching by name, `findEffects` accepts only the [Effect](#) objects that match the specified name. The filter function uses the [Effect](#) object of each effect as argument. Only those [Effect](#) objects that return `true` for the search criteria defined in the filter function will be accepted by `findEffects`. Without a name or filter function the [Effect](#) objects of all effects in the searched [Element](#) objects will be returned.

Available in: Controller, Processor.

Arguments

recursive	If set to <code>false</code> , only the specified Element object will be searched. If set to <code>true</code> , subelements will also be searched. The default is <code>false</code> .	boolean
nameOrFilterFunction	The name of the effects searched for or a filter function. Only the Effect objects that match the name or return <code>true</code> for the search criteria of the filter function will be accepted. Set this to <code>nil</code> to deactivate any name filter or search criteria.	string or function, optional

Return Values

Returns an array with the [Effect](#) objects of the found effects. Returns an empty table if no effects are found.

Example

```
-- find all effects and print their names
effects = this.program:findEffects(true)

if effects[1] then
  for i, effect in ipairs(effects) do
    print(effect.name)
  end
else
  print("Could not find any effects!")
end
```

See Also: [findBusses](#), [findChildren](#), [findLayers](#), [findMidiModules](#), [findSlots](#), [findZones](#), [Effect](#)