
Subject: Re: Need IDL 8 Help

Posted by [Matthew Argall](#) on Fri, 24 Jan 2014 20:22:27 GMT

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> Humm. A overloaded operator is kinda like introducing a paragraph into
> the documentation that is written in Serbian, isn't it? ;-)

I thought so until I tried to write one :-p ... not quite sure how to interpret your sarcasm this time,
so here is a [perhaps unnecessary] explanation.

Basically, if you do

[list] EQ [something]

each element of [list] will be checked to see if it is equal to [something]. However, one element in
a list is not the same as an element in an array. Building on the previous example,

```
> IDL> message = 'CHANGED_COLORS'
> IDL>
> IDL> theHash = hash()
> IDL> obj1 = obj_new('idl_container')
> IDL> obj2 = obj_new('idl_anroi')
> IDL> obj3 = obj_new('idl_grview')
> IDL>
> IDL> theHash[message] = list()
> IDL> theHash[message] -> add, obj1
> IDL> theHash[message] -> add, obj2
> IDL> print, theHash[message] eq obj3
> 0 0
```

```
IDL> theHash[message] -> add, [obj1, obj2]
```

```
IDL> print, theHash[message] EQ obj1
```

```
1 0 0
```
