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Subject: Re: explanation of c++ typedef line  
Posted by [captainc](#) on Thu, 18 Sep 2008 13:23:34 GMT  
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This was one of the comments:

Quote:typedef void\* XYZHANDLE;  
typedef void\* IJKHANDLE;

is not type safe, since all handle will become mutually replaceable being all void\*. (you can assign an XYZ to an IJK).

One way to get around this is to declare a category (empty struct) and point to it.

```
typedef struct XYZHANDLE_ {} *XYZHANDLE;  
typedef struct IJKHANDLE_ {} *IJKHANDLE;
```

Now IJKHANDLE and XYZHANDLE cannot anymore be assigned each other.

Maybe the author replaced it incorrectly.

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