

## Re: Object test = new Object() <-- Java, best way in C++

**Source:** [http://coding.derkeiler.com/Archive/C\\_CPP/comp.lang.cpp/2004-02/0303.html](http://coding.derkeiler.com/Archive/C_CPP/comp.lang.cpp/2004-02/0303.html)

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**From:** DrUg13 ([livefast\\_at\\_dieyoung.com](mailto:livefast_at_dieyoung.com))

**Date:** 02/03/04

Date: Tue, 03 Feb 2004 04:34:44 GMT

On Tue, 03 Feb 2004 03:03:27 GMT, "Victor Bazarov"  
<v.Abazarov@comAcast.net> wrote:

>"DrUg13" <livefast@dieyoung.com> wrote...  
>> *In java, this seems so easy. You need a new object*  
>> *Object test = new Object() gives me exactly what I want.*  
>  
>*You are just can't want anything else in Java...*  
>  
>> *could someone please help me understand the different ways to do the*  
>> *same thing in C++. I find my self sometimes, trying*  
>>  
>> *Object app = Object();*  
>  
>*This is OK. 'app' is an automatic object. You could do the same*  
>*thing without the '=' sign.*  
>  
> *Object app;*  
>  
>*declares (and often defines) an object of type 'Object' and default-*  
>*initialises it.*  
>  
>> *Object \*app = Object();*  
>  
>*This is most likely nonsense. You declared a \_pointer\_ to an object of*  
>*type Object and tried initialising it using a temporary of type Object.*  
>*Unless type Object has a user-defined conversion to Object\*, it won't*  
>*work.*  
>  
>> *Object app = new Object();*  
>  
>*This is the inverse of the above. You declared (and probably defined)*  
>*an \_object\_ of type Object and are trying to initialise it using the*  
>*'new' expression (which returns a pointer). Unless Object type has*  
>*a special constructor that takes an argument of type Object\* (a pointer*  
>*to Object), it won't work.*

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>

>> *randomly till something works... and this is bad because Im confused*

>> *what is happening, and the diffe*

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