Subject: Re: vector C++ version of IDL where statement?
Posted by Sean Dettrick on Wed, 15 May 2002 23:40:40 GMT
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Thanks James. It's hairy-looking syntax to me, but after poring over my
C++ book I'm beginning to get the point.
Cheers,
Sean

James Kuyper wrote:
>
> Sean Dettrick wrote:
>
>> Hi,
>> this is a hybrid C++/IDL newsgroup question, but I shall risk your
>> wrath:
>>
>> Does anybody know how to do an IDL WHERE statement in C++ ??
>>
>> e.g.
>> IDL> x=findgen(100)
>> IDL> w=where(x gt 50)
>> IDL> x(w)=50
>>
>> how do you convert to C++?
>
> // You'll need these:
> #include <algorithm>
> #include <functional>
>
> // Once you've set up 'x', then it's simple:
> std::replace_if(x.begin(), x.end(),
>   std::bind2nd(std::greater, 50), 50);