Subject: error C2110: '+' : cannot add two pointers
Posted by nlneilson on Sat, 01 Jan 2011 10:32:55 GMT
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I ran into this and it took a couple hours to figure it out.
Here is a very simple example:

Ln0 = "ab" + "cd";

Where it actually came up was:
Ln0 = "clear64\n" + "gc," + Pt1 + "," + Pt2 + "\n";

This is C++, pointer addresses cannot be added.

This works:
Ln0 = "clear64\ngc," + Pt1 + "," + Pt2 + "\n";
The "," and "\n" are added OK when there is a String in between but
"," + "\n" will throw the error.

Quote:The reason is because the system does not have a way to add a const char* and a string
("stuff" + string), but string has a way to add a string and a const char* (string + "stuff").
http://www.cplusplus.com/forum/beginner/6334/

Ln0 = Pt1 + ",";
This is OK, the String Pt1 has "," added.
If Pt1 is "pt" then Ln0 = "pt,"
Pt1 + "," + "a" gives an error.
Seems like this should give Ln0 = "pt,a"

A String and a const* char* "," is added OK.
Why can't another const* char* "a" be added to the string?

Is there a simple explanation.