Subject: Re: Replacing a substring in a string
Posted by danpaul88 on Tue, 19 Mar 2013 20:46:42 GMT

There isn't a built-in method of doing this in C++ (never mind C), but it's not that hard. 5 seconds on Google gives a workable example;

http://stackoverflow.com/questions/1452501/string-replace-in-c

A more efficient solution would be to count how many instances of <search> there are, allocate a new buffer with the required memory size (1 + originalLength + ((length(replace)-(length(match)) * nMatches)) and then memcpy the unmodified bits of string and as many instances of <replace> as required to build the new string.

Avoids doing unnecessary and costly memory allocations that would be involved in doing it iteratively as in the above example.