Subject: Re: error C2110: '+': cannot add two pointers Posted by dolik.rce on Sat, 01 Jan 2011 18:09:35 GMT

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Hi Neil!

The problem is that there is no operator that would allow to add two const char*. Usually as in your case, those are literal strings so it is not much of a problem since you can always write "ab" instead of "a" + "b". For Upp::String (and for std::string too) there are various operators that allow for operations with both other Strings and const char*.

Also note that there are some other tricks that can help in some situations: String s,str; const char* c="something";

```
s="a"+"b"; //fails
s="a" "b"; //works

s="a"+"b"+str; //fails
s="a"+("b"+str); //works

s=c+c; //fails
s=String(c)+c; //works
```

The first one is not so known property of C, which was probably designed to allow splitting long strings on multiple lines The second and third are simple, you sure understand what happens there