

[8.3] Creating strings that include quote characters

Suppose you want to store "abcde" in a string *str1*. This won't work:

```
"abcde" -> str1          won't work!
```

What actually gets saved in *str1* is this:

```
abcde*" "2
```

which is interesting, because the 89/92+ is interpreting the input string as

```
abcde * " " * " "
```

However, these will work:

```
""abcd""->str1
```

```
string("abcde")->str1
```

```
char(34) & "abcde" & char(34) -> str1
```

so that *str1* contains ""abcd"", as you would expect. 34 is the character code for the double quote symbol.

It is not straightforward to create strings that embed the double quote character, ", because that is also the character that delimits strings. Suppose you need to create the string

```
"ab"cd"
```

Just typing that in won't work: you'll get the *missing "* error message. This will work, though:

```
"ab""cd"          does work
```

This will also work:

```
"ab" & char(34) & "cd"
```

because 34 is the character code for the double quote character.

You can include two or more consecutive quotes like this:

```
"ab""""cd"
```

In general, use two quote characters for each quote you want to create.