
Subject: Limitation in Format() function?

Posted by [alex100](#) on Fri, 18 Jan 2008 11:02:03 GMT

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Hi

I am trying to send an SQL command to SQLite database and I am building it using the Format function. Target database table has lots of fields.

If I use more than ten % in the first argument of the Format function and an error appears like this:

```
error: invalid conversion from `const char*' to `int'
error: initializing argument 1 of `Upp::String Upp::Format(int, const char*,Upp::Value, Upp::Value,
Upp::Value,Upp::Value, Upp::Value, Upp::Value, Upp::Value, Upp::Value, Upp::Value, Upp::
Value)'
```

Example:

```
This works: strSQL=Format("( ...)
%d,%0.2d-%0.2d-%0.2d','%s',%d,'%s','%0.2d-%0.2d-%0.2d')",1,2008,1,1,
"aaa",1,"aaa",2008,1,1);
```

```
This doesn't work: strSQL=Format("( ...)
%d,%0.2d-%0.2d-%0.2d','%s',%d,'%s','%0.2d-%0.2d-%0.2d',%d)",1,2008,1,1,
"aaa",1,"aaa",2008,1,1,1);
```

Is that a limitation?

Alex

Subject: Re: Limitation in Format() function?

Posted by [mirek](#) on Fri, 18 Jan 2008 14:28:29 GMT

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alex100 wrote on Fri, 18 January 2008 06:02Hi

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Example:

This works: `strSQL=Format("(...)
%d,'%0.2d-%0.2d-%0.2d','%s','%d','%s','%0.2d-%0.2d-%0.2d')",1,2008,1,1,
"aaa",1,"aaa",2008,1,1);`

This doesnt works: `strSQL=Format("(...)
%d,'%0.2d-%0.2d-%0.2d','%s','%d','%s','%0.2d-%0.2d-%0.2d','%d')",1,2008,1,1,
"aaa",1,"aaa",2008,1,1,1);`

Is that a limitation?

Alex

Yes, currently, Format is limited to 10 parameters. Adding more is simple, but slightly increases the size of any linux binary using Format...

You can also use:

`String Format(const char *s, const Vector<Value>& v);`

- that has no limit at all.

Should I increase the limit?

Mirek

Subject: Re: Limitation in Format() function?
Posted by [zsol](#) on Fri, 18 Jan 2008 19:58:24 GMT
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I think, it would be better (more readable and maintainable) to use SQL classes to crete SQL statements.

Some references:

[http://www.ultimatepp.org/www\\$suppweb\\$overview\\$en-us.html](http://www.ultimatepp.org/www$suppweb$overview$en-us.html) (see "SQL programming" chapter)

[http://www.ultimatepp.org/src\\$Sql\\$SqlExp\\$en-us.html](http://www.ultimatepp.org/srcSqlSqlExp$en-us.html) (very useful reference by examples)

Subject: Re: Limitation in Format() function?
Posted by [alex100](#) on Sat, 19 Jan 2008 16:13:32 GMT
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Ok,
Thanks to all of you!

Alex
