Subject: Formating date according to the country
Posted by alex100 on Sat, 25 Apr 2009 15:16:09 GMT

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Hello,

I am using a SQLite3 database. To the best of my knowledge, SQLite database stores al dates in the form:

'2009-04-17'

or

'YYYY-MM-DD'

right?

So, to get the date from the database and show it in an arrays control or label i do:

Date dtDate=Date(SQL[8]);
String strDate=Format("%2.2d-%2.2d-%2.2d",
dtDate.day,dtDate.month,dtDate.year);

But this statically formats date in DD-MM-YYYY format.

So, how can i format a date according to a specific country language or according to the operating system format?

Many tanks

Alex

I am geting

Subject: Re: Formating date according to the country
Posted by mirek on Wed, 29 Apr 2009 18:31:50 GMT

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AFAIK, Sqlite3 does not have any predefined date format - what we store is just choosen text interpretation.

Anyway, that is not the question:)

To format Date in local format, just use AsString(date).

Anyway, you should set your language first using SetLanguage.

Mirek

Subject: Re: Formating date according to the country
Posted by sergeynikitin on Thu, 30 Apr 2009 11:49:19 GMT
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SQLite is now properly supports the date field.

At least in your schema, I define the date field, and more, all works fine.

To access the SQLite tables I'm using plugin for firefox.

It shows the normal date field is automatically created by U++

File Attachments
1) Ñíèìîê-SQLite Manager -
-home-serg-.upp-AgencySV-agencysv1.db.png, downloaded 1108
times

Subject: Re: Formating date according to the country
Posted by mirek on Thu, 30 Apr 2009 12:08:41 GMT
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Yes. Anyway, AFAIK Sqlite just stores the type of column as text. It does not use it to evaluate expression and date is just stored as text.

In practice, it means that (given current format), basic DATE comparisons in SQL will work, but no DATE arithmetics seems to be possible.

Mirek

Subject: Re: Formating date according to the country
Posted by alex100 on Sat, 02 May 2009 08:01:59 GMT
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But it seems not working:

SetLanguage(LNG_('P', 'T', 'P', 'T'));
Date dtData=GetSysDate();

```
String strData=AsString(dtData);
Exclamation(strData);
```

This shows 5/2/2009 but in the Portuguese language countries dates are presented liike this 2/5/2009 (DD/MM/YYYY)

Thanks

Alex

Subject: Re: Formating date according to the country
Posted by koldo on Sun, 03 May 2009 14:47:04 GMT
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Hello alex100

I would use:

```
SetLanguage(LNGC_('P','T','P','T', CHARSET_UTF8));
SetDateFormat("%3:02d/%2:02d/%1:4d");
SetDateScan("dmy");
```

Best regards
Koldo

Subject: Re: Formating date according to the country
Posted by mirek on Sun, 03 May 2009 17:06:02 GMT
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Yes, PT-PT is not yet translated. Date formatting/scanning strings are normally part ot language translation.

I have updated translation tutorial

 http://www.ultimatepp.org/srcdoc$Core$Translating$en-us.html

you migth be interested in providing PT-PT translation for us.

Mirek

Subject: Re: Formating date according to the country

Posted by kbyte on Mon, 04 May 2009 10:45:33 GMT

Subject: Re: Formating date according to the country
Posted by alex100 on Mon, 04 May 2009 11:58:30 GMT

luzr wrote on Sun, 03 May 2009 19:06Yes, PT-PT is not yet translated. Date formatting/scanning strings are normally part ot language translation.

I have updated translation tutorial

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you migth be interested in providing PT-PT translation for us.

Mirek

Hi, I think I cant provide date format by burning it on the source code because I want my application compliant with internationalization, which means that, if it is executed on France, it gets the format from the underlying SO or something and show dates in french format. If I burn the format then the format is always the same

Another option id to ask for the user (on the first app launch) the choosed date format and then respect it always.

Of course I am interested in helping you with PT translations!
As you may know Portuguese is one of the most spoken languages into the world. From europe to asia, africa, south america and near Autralia (East Timor)

As you also may know, I not yet a upp pro (but i want to be!) so you have to guide me how can I help you on translations.

Thank you

Alex

Subject: Re: Formating date according to the country

Posted by koldo on Mon, 04 May 2009 12:11:25 GMT

Hello alex100

The translation is really very simple. Just follow the link instructions. If you have any doubt just ask.

Best regards
Koldo

Subject: Re: Formating date according to the country
Posted by alex100 on Mon, 04 May 2009 12:17:58 GMT

Ok,
I got it now!

I will translate it and submit it when ready!

Thanks

Alex