Subject: Read a DBF file
Posted by forlano on Tue, 20 Feb 2007 12:21:06 GMT
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Hello,

here is a simple code snippet that print on the screen the content of a DBF file by using the DbfStream stream.
Luigi

```
#include <Core/Core.h>
#include <TCore/dbf.h>

using namespace Upp;

CONSOLE_APP_MAIN
{   int i;
 DbfStream dbf;
 if(!dbf.Open("C:\\upp\\out\\MSC8\\club.dbf", false) ) {
  return;
 }
 int NFields = dbf.GetFieldCount();
 while(dbf.Fetch()) {
  String text;
   for (i=0; i<NFields; i++) {
   text << dbf[i] << " # ";
   }
  text << "\n";
  Cout() << text;
 }
    dbf.Close();
}
```

Subject: Re: Read a DBF file
Posted by porto on Tue, 13 Mar 2007 13:43:49 GMT
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Please, help newbie
When building example, i got:
----- Core (GCC DEBUG DEBUG_FULL BLITZ WIN32) (1 / 5)
----- TCore (GCC DEBUG DEBUG_FULL BLITZ WIN32) (2 / 5)
BLITZ: dbf.cpp globcfg.cpp xmlparse.cpp help.cpp CalcType.cpp CalcNode.cpp CalcBasic.cpp datafile.cpp databas
 e.cpp datatest.cpp
In file included from C:_personal\upp\uppsrc\TCore\/TCore.h:9,

```
                 from C:\_personal\upp\uppsrc\TCore\dbf.cpp:1,
                 from C:/_personal/upp/out/TCore/MINGW.Debug_full\$blitz.cpp:3:
C:\_personal\upp\uppsrc\TCore\template.h: In member function `T* Upp::PtrValue<T>::Get(const
Upp::Value&)':
C:\_personal\upp\uppsrc\TCore\template.h:120: error: `::IsNull' has not been declared
C:\_personal\upp\uppsrc\TCore\template.h: In static member function `static T*
Upp::PtrValue<T>::Extract(con
 st Upp::Value&)':
C:\_personal\upp\uppsrc\TCore\template.h:121: error: `::IsNull' has not been declared
C:\_personal\upp\uppsrc\TCore\template.h: At global scope:
C:\_personal\upp\uppsrc\TCore\template.h:408: error: expected type-name
C:\_personal\upp\uppsrc\TCore\template.h:411: error: expected type-name
util.cpp
In file included from C:\_personal\upp\uppsrc\TCore\TCore.h:9,
                 from C:\_personal\upp\uppsrc\TCore\util.cpp:1:
C:\_personal\upp\uppsrc\TCore\template.h: In member function `T* Upp::PtrValue<T>::Get(const
Upp::Value&)':
C:\_personal\upp\uppsrc\TCore\template.h:120: error: `::IsNull' has not been declared
C:\_personal\upp\uppsrc\TCore\template.h: In static member function `static T*
Upp::PtrValue<T>::Extract(con
 st Upp::Value&)':
C:\_personal\upp\uppsrc\TCore\template.h:121: error: `::IsNull' has not been declared
C:\_personal\upp\uppsrc\TCore\template.h: At global scope:
C:\_personal\upp\uppsrc\TCore\template.h:408: error: expected type-name
C:\_personal\upp\uppsrc\TCore\template.h:411: error: expected type-name
TCore_init.icpp
In file included from C:\_personal\upp\uppsrc\TCore\TCore.h:9,
                 from C:\_personal\upp\uppsrc\TCore\TCore_init.icpp:1:
C:\_personal\upp\uppsrc\TCore\template.h: In member function `T* Upp::PtrValue<T>::Get(const
Upp::Value&)':
C:\_personal\upp\uppsrc\TCore\template.h:120: error: `::IsNull' has not been declared
C:\_personal\upp\uppsrc\TCore\template.h: In static member function `static T*
Upp::PtrValue<T>::Extract(con
 st Upp::Value&)':
C:\_personal\upp\uppsrc\TCore\template.h:121: error: `::IsNull' has not been declared
C:\_personal\upp\uppsrc\TCore\template.h: At global scope:
C:\_personal\upp\uppsrc\TCore\template.h:408: error: expected type-name
C:\_personal\upp\uppsrc\TCore\template.h:411: error: expected type-name
TCore: 12 file(s) built in (0:17.42), 1451 msecs / file, duration = 17438 msecs

There were errors. (0:17.48)
```

What is wrong?
P.S. I use built in MinGW ver. of UPP (2007.1 rc3) on WinXP.

Subject: Re: Read a DBF file

Posted by forlano on Tue, 13 Mar 2007 15:06:26 GMT
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porto wrote on Tue, 13 March 2007 14:43Please, help newbie ...
What is wrong?
P.S. I use built in MinGW ver. of UPP (2007.1 rc3) on WinXP.

Hi,

I cannot help you. As you I started with MinGW but after some struggle I switched to MSC8 compiler. I strongly suggest you to do the same as soon as possible. At the moment I've not a MinGW in my system.

Luigi

Subject: Re: Read a DBF file
Posted by victorb on Tue, 13 Mar 2007 17:08:55 GMT
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I think the issue is with TCore that contains experimental code that might be sync'ed with other code.

I was able to compile it with MinGW & XP by doing the following modifs:
l 120, 121 (add "UPP")
```
 T       *Get(const Value& v)       { return UPP::IsNull(v) ? 0 : Rep::Cast(v.GetVoidPtr())->Get(); }
 static T *Extract(const Value& v)   { return UPP::IsNull(v) ? 0 : Rep::Cast(v.GetVoidPtr())->Get(); }
```

l 407-411 (comment out)
```
//template <class T>
//class UPP::RefCon;

//template <class T>
//class UPP::RefPtr;
```

Hope this help

Subject: Re: Read a DBF file
Posted by porto on Tue, 13 Mar 2007 17:22:34 GMT
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Thanks a lot for your answers guys!
Your answers have really helped me.

Subject: Re: Read a DBF file

Hi,

Please, HELP other newbie !

```
#include <Core/Core.h>
#include <Core/dbf.h>

using namespace Upp;

CONSOLE_APP_MAIN
{   int i;
 DbfStream dbf;
 if(!dbf.Open("C:\\Temp\\numteus\\cntr.dbf", false) ) {
  return;
 }
 int NFields = dbf.GetFieldCount();
 while(dbf.Fetch()) {
  String text;
   for (i=0; i<NFields; i++) {
   text << dbf[i] << " # ";
   }
  text << "\n";
  Cout() << text;
 }
    dbf.Close();
}
```

I tried to put dbf.h in any possible place (under C:\upp), but nothing could produce other result than THIS:

```
----- CtrlLib ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (1 / 9)
----- CtrlCore ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (2 / 9)
----- RichText ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (3 / 9)
----- Draw ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (4 / 9)
----- Core ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (5 / 9)
----- plugin/bmp ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (6 / 9)
----- plugin\z ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (7 / 9)
----- plugin\png ( CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (8 / 9)
----- DBF_Reader ( CONSOLE MAIN MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (9 / 9)
main.cpp
C:\upp\MyApps\DBF_Reader\main.cpp(2) : fatal error C1083: Cannot open include file:
'Core/dbf.h': No such fil
 e or directory
DBF_Reader: 1 file(s) built in (0:01.20), 1203 msecs / file, duration = 1234 msecs
```

There were errors. (0:01.78)

Anibody with good will could explain how should I configure "these" include files, to get rid of these problems ? ANY HELP could be GREATLY appreciated, of course...

Regards,
Sven

Subject: Re: Read a DBF file
Posted by mirek on Thu, 19 Apr 2007 20:49:33 GMT
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#include <plugin/dbf/dbf.h>

(see examples/DbfView)

Mirek

Subject: Re: Read a DBF file
Posted by Sbleck on Wed, 25 Apr 2007 22:27:13 GMT
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Hi Mirek,

I added the plugin/dbf package to the assembly I was working and now it runs ok...

----- CtrlLib (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (1 / 10)
----- plugin\dbf (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (2 / 10)
dbf.cpp
plugin\dbf: 1 file(s) built in (0:05.85), 5859 msecs / file, duration = 6234 msecs
----- CtrlCore (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (3 / 10)
----- RichText (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (4 / 10)
----- Draw (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (5 / 10)
----- Core (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (6 / 10)
----- plugin/bmp (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (7 / 10)
----- plugin\z (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (8 / 10)
----- plugin\png (CONSOLE MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (9 / 10)
----- DBF_Reader (CONSOLE MAIN MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (10 / 10)
main.cpp
DBF_Reader: 1 file(s) built in (0:02.95), 2953 msecs / file, duration = 3015 msecs
Linking...

C:\upp\out\MSC8.Console.Debug_full\DBF_Reader.exe (3506176 B) linked in (0:13.95)

OK. (0:33.93)

Is there any way to check what packages are needed and what could be removed ? I noted that could be possible to have many things (exported from another projects) inside one assembly, that not need to be inside of it...

Other doubt was correlated to the output. Should I have any other configuration to obtain the results, when operating in console mode ?

```
C:\upp\out\MSC8.Console>dir
 Volume in drive C is ADMMAN
 Volume Serial Number is 5475-89A7

 Directory of C:\upp\out\MSC8.Console

25/04/2007  19:23    <DIR>          .
25/04/2007  19:23    <DIR>          ..
25/04/2007  19:21           835.584 DBF_Reader.exe
               1 File(s)        835.584 bytes
               2 Dir(s)     527.302.656 bytes free

C:\upp\out\MSC8.Console>DBF_Reader

C:\upp\out\MSC8.Console>
```

Regards,
Sven

Subject: Re: Read a DBF file
Posted by mirek on Sat, 28 Apr 2007 06:10:59 GMT
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Not really, this seems OK.

Mirek
