Subject: Can I create DBF files?
Posted by forlano on Mon, 14 Aug 2006 11:03:19 GMT
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Hello,

I've no experience with database and how U++ works with them. Only one time in the past I needed to create three files in the old DB III or DB IV format. For this purpose I used the Xbase library. Now I wonder if in U++ I can export directly in such format.

Luigi

Subject: Re: Can I create DBF files?
Posted by mirek on Mon, 14 Aug 2006 16:08:26 GMT
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There is some support in TCore/dbf.h

Mirek

Subject: Re: Can I create DBF files?
Posted by forlano on Wed, 30 Aug 2006 16:33:34 GMT
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luzr wrote on Mon, 14 August 2006 18:08There is some support in TCore/dbf.h

Mirek

I found it but I'm unable to use the class. Is there around an example that show how to create and save a DB in dbf format?
I need only to export in dbf a table (console mode is enough)

Many thanks in advance,
Luigi

Subject: Re: Can I create DBF files?
Posted by mirek on Thu, 31 Aug 2006 18:49:45 GMT
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Best I can do now is to post some snippets from my apps using BbfStreams. Be aware, it is combined with Oracle SQL... (usually, these are some imports/exports DBF<->Oracle).

```
DbfStream dbf;
```

```
 if(!dbf.Open(String(~importcm.file), false)) {

  return;
 }
 Progress pi;
 pi.SetText("Parcela %d");
 while(dbf.Fetch()) {
  if(pi.StepCanceled()) break;
  int q = SQL % Select(PARCELA_SEQ).From(PARCELA)
              .Where(KU == ~importcm.ku &&
                     SKUPINA == dbf["PARSKUP"] &&
                     CISLO == dbf["PARCIS"] &&
                     LOM == dbf["PARPOD"] &&
                     PODLOM == dbf["PARDIL"]);
  if(!IsNull(q)) {
   SQL * Delete(EN_CENOMAPA).Where(PARCELA_SEQ == q && DTM_OD ==
~importcm.datum);
   SQL * Insert(EN_CENOMAPA)
     (EN_CENOMAPA_SEQ, ++SeqEN)
     (PARCELA_SEQ, q)
     (DTM_OD, ~importcm.datum)
     (CENA, dbf["CENA2001"]);
  }
 }



void ExportCRO(const Array<OsobaRef>& list)
{
 AddressCache cache;
 if(!cache.Load())
 {

  return;
 }
 String fn = "lidi.dbf";
 ReadConfigItem(fn, config);
 if(!FileDlg(FDLG_SAVE, fn, "dbf", "DBF soubory (*.dbf)|*.dbf||"))
  return;

 static const struct FldDesc
 {
  const char *name;
  byte        width;
 }
 field_map[] =
 {
  { "PRIJMENI",  0x1B },
```

```
 { "JMENO",     0x0F },
 { "RPRIJMENI", 0x1B },
 { "RC",        0x0A },
 { "TP_OBEC",   0x14 },
 { "TP_COBCE",  0x0C },
 { "TP_ULICE",  0x14 },
 { "TP_CP",     0x05 },
};

Array<DbfStream::Field> fields;
int i;
for(i = 0; i < __countof(field_map); i++)
 fields << DbfStream::Field::Text(field_map[i].name, field_map[i].width);
DbfStream output;
if(!output.Create(fn, fields, CHARSET_MJK))
{

 return;
}
WriteConfigItem(fn, config);

ProgressMeter progress("Exportuji osobu %d...", 1000, list.GetCount(), 0);
for(i = 0; i < list.GetCount(); i++)
{
 const OsobaRef& ref = list[i];
 Adresa a = cache[ref.TRV_BYDL];
 Vector<Value> values;
 values.Add(ref.GetPrijm());
 values.Add(ref.GetJmeno());
 values.Add(ref.GetRodPrijm());
 values.Add(ref.GetRcIco());
 values.Add(a.obec);
 values.Add(a.ctvrt);
 values.Add(a.ulice);
 values.Add(a.cpop);
 output.WriteRow(values);
 if(progress.StepCancelled())
 {


  break;
 }
}

if(!output.Close())

}
```

Subject: Re: Can I create DBF files?
Posted by forlano on Thu, 31 Aug 2006 19:00:50 GMT
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luzr wrote on Thu, 31 August 2006 20:49Best I can do now is to post some snippets from my apps using BbfStreams. Be aware, it is combined with Oracle SQL... (usually, these are some imports/exports DBF<->Oracle).

Thank you very much. I will study it carefully.
Luigi