Subject: Problem with Serialization after recompiling with U++ 2007.1beta3
Posted by mubeta on Sun, 25 Feb 2007 01:44:19 GMT
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Hi,
I have some problems compiling an application writed end compiled with U++ 605.
After fix some lines of code for compile with U++ 2007.1beta3, the application file previously generates with "StoreToFile(MyStruct, "filename");" is not compatible, in fact using "LoadFromFile(MyStruct, "filename");" I don't get correct data in the structure.

If I use the recompiled application for generate the same file, I found some differences from old and new verision. two files, named Old and New it's attached. Differences at the position 0x43 and 0x52.

This is the structure Serialized:

```
 struct Mappa {
  String     descrizione;
  int        vu, ng, vref, kt1, kt2, i0, i1;
  Vector<int>   dati;
  Vector<int>   old_res;
  Vector<Value>  resistenza;
  int        fileRel, deviceRel;
  char       unused_1;
  int        di;

  void Serialize(Stream& s) {

    if(s.IsStoring()) {
     fileRel = 262;
    }

   s % descrizione % vu % ng % dati % old_res % fileRel % unused_1;

      // Preload valori di default;
      if(s.IsLoading()) {
       vref = 180;
       di = false;
       kt1 = 200;
       kt2 = 12000;
       i0 = 15;
       i1 = 3;
    if (fileRel <= 261) {
     deviceRel = fileRel;
     for(int i=0; i<old_res.GetCount(); i++) {
       resistenza.At(i) = old_res.At(i);
     }
    }
```

```
    }

  if (fileRel >= 258) {
   s % vref;
  }
  if (fileRel >= 260) {
   s % di % kt1 % kt2 % i0 % i1;
  }
  if (fileRel >= 262) {
    s % deviceRel % resistenza;
  }
 }
} mappa;
```

Mauro Bottizzo.

File Attachments

1) Old.bdc, downloaded 479 times
2) New.bdc, downloaded 430 times

Subject: Re: Problem with Serialization after recompiling with U++ 2007.1beta3
Posted by mirek on Sun, 25 Feb 2007 22:25:49 GMT
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Hard to say, I guess it depends on what you put into that Value.

Do you think you can prepare complete testcase? Just package that can be compiled on 602 and 2007, puts in data, and gets different result?

Mirek
