Subject: Simple INI parser (15 mb in 4 s, DualCore 2500 Mhz)
Posted by Sc0rch on Mon, 18 Jan 2010 09:11:21 GMT
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Simple INI parser

Test-log:
15 mb random INI-file

START LOADING at 01/18/2010 14:59:33
::MemoryUsedKb() = 536
COMPLETE LOADING at 01/18/2010 14:59:37
::MemoryUsedKb() = 94292
COMPLETE_SAVING at 01/18/2010 14:59:39

I hope it can be useful somehow. Example included.

File Attachments

1) IniConfig.rar, downloaded 628 times

Subject: Re: Simple INI parser (15 mb in 4 s, DualCore 2500 Mhz)
Posted by Sc0rch on Thu, 21 Jan 2010 17:55:26 GMT
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IniFile 1.0 - Simple INI parser

Example of ini-file:

[Test]

Title = "Test \"Title\""

Name1 = "Value 1"
"Name 2" = Value2
Number = 1
Characters = \\\"\[\]\,\=
"Name with \\\"\[\]\,\=" = Value

["Section with \\\"\[\]\,\="]
Name = Value

Example of usage:

IniFile p;
p.Add("Test", "Name1", "Value 1");

```
p.Add("Test", "Name 2", "Value2");
p.AddInt("Test", "Number", 1);

p.Add("Test", "Characters", "\\\"[],=");
p.Add("Test", "Name with \\\"[],=", "Value");
p.Add("Section with \\\"[],=", "Name", "Value");

DUMP(p.Get("Test", "Name1")); // "Value 1" as result
DUMP(p.GetInt("Test", "Number")); // 1 as result
DUMP(p.Get("Test", "Characters")); // \"[],= as result

LOG(p.Dump());
p.Save(ConfigFile("Test1.ini", CHARSET_CP1251));
p.Clear();

p.Load(ConfigFile("Test1.ini", CHARSET_CP1251));
p.Save(ConfigFile("Test2.ini")); // CHARSET_DEFAULT
```

Version 1.0:
* bugfixes (most of them)
+ charsets support (Load("file...", CHARSET_CP1251) and Save)
+ added \ support to use the chars []=,\

Best regards!

File Attachments

1) IniConfig.rar, downloaded 567 times

Subject: Re: Simple INI parser (15 mb in 4 s, DualCore 2500 Mhz)
Posted by Sc0rch on Mon, 25 Jan 2010 10:03:50 GMT
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hmm, bug with ','
trying to fix...
if somebody has an idea about reasons, help me. I'm a little slow today =)

Subject: Re: Simple INI parser (15 mb in 4 s, DualCore 2500 Mhz)
Posted by Sc0rch on Mon, 25 Jan 2010 18:05:27 GMT
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Sc0rch wrote on Mon, 25 January 2010 16:03hmm, bug with ','
Not only with ',' found. Fixed.

Quick fix:

```
String GetText()
{
 if (Text.GetCount() == 1 && Text[0] == '\"')
  return "";
 else if (Text.GetCount())
 {
  String t = Text;

  if (Text[0] == '\"' && Text[Text.GetCount() - 1] == '\"')
   t = Text.Mid(1, Text.GetCount()-2);

  if (t.Find("\\\"") >= 0) ::ReplaceString(t, "\\\"", "\"");
  if (t.Find("\\[" ) >= 0) ::ReplaceString(t, "\\[", "[");
  if (t.Find("\\]" ) >= 0) ::ReplaceString(t, "\\]", "]");
  if (t.Find("\\=" ) >= 0) ::ReplaceString(t, "\\=", "=");
  if (t.Find("\\," ) >= 0) ::ReplaceString(t, "\\,", ",");
  if (t.Find("\\\\") >= 0) ::ReplaceString(t, "\\\\", "\\");
  return t;
 }
 return Text;
}
```

New version of IniParser:

File Attachments

1) IniConfig.rar, downloaded 605 times

Subject: Re: Simple INI parser (15 mb in 4 s, DualCore 2500 Mhz)
Posted by vicxtor on Sun, 05 Jan 2014 11:28:22 GMT
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```
c:\upp\uppsrc\core\Topt.h(137) : error C2558: struct 'IniName' : no copy constructor available or copy constructor is declared 'explicit'
        c:\upp\uppsrc\core\Vcont.h(45) : see reference to function template instantiation 'T &Upp::DeepCopyConstruct<T>(void *,const T &)' being compiled
        with
        [
            T=IniName
        ]
        c:\upp\uppsrc\core\Vcont.h(45) : while compiling class template member function 'IniName &Upp::Vector<T>::Add(const T &)'
        with
        [
            T=IniName
        ]
```

c:\myapps\iniconfig\IniConfig.h(186) : see reference to class template instantiation 'Upp::Vector<T>' being compiled
with
[
T=IniName
]

I get these messages when compiled with MSVC10.
No problem with mingw,
Same messages for IniSection.

How to fix this issue ?

Thank you.
