
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 506 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 449 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 489 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.
