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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.

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### File Attachments

1) [IniConfig.rar](#), downloaded 354 times

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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 \\\"[\\],\

[\"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 307 times

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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 =)

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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 342 times

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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.

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