

Forum:[Hack Forums](#)

Thread: [Netpad | Full Notepad Replica in .NET | TextBox Control Flexibility](#)

Odus - May 25, 2015, 3:45 pm

Today I bring you a fully featured notepad clone. Not very exciting, but the aim here is to show you just how flexible the TextBox control can be since I've seen a lot of people recommending the RichTextBox for functionality already existing in the standard TextBox. Most of us, myself included, don't dig much deeper than the multiline and text properties when it offers so much more.

Feature list: Create, open, save [as]

Undo, cut, copy, paste, select all

Word wrap, font changing via dialog, tab recognition

Find and replace single or multiple instanced search term in asc/descending order with optional case sensitivity

Line & column counting (through status strip)

Configure and print document

Insert chrono-data

Some of these are readily achievable through existing methods (cut, copy, etc.) but others such as the find & replace work makes use of Regex which is done by checking if this is the first time searching with this term (in other words, we're not in the middle of a search already) and if we are, generate a new Regex pattern. I should also note it's easy to accommodate pattern searching; but the real Notepad doesn't support this... so neither will this.

From there we conduct the search and point the selection to the first match through the SelectionStart/Length properties. If there is no match to present, we inform the user and conclude the search. Changing the other controls for example reversing the search pattern will reset the search.

Anyway, enough blabbing. This can all be viewed in the source.

Demonstration: [\(Click to View\)](#) (Seriously annoying I forgot to demonstrate the replace feature)
[img]http://orig13.deviantart.net/7bd7/f/2015/145/0/7/netpad_by_oduslabs-d8uq960.gif[/img]

Downloads:

[Full source \(GitHub\)](#)

[Binary only \(Mediafire\)](#) - [virus scan](#)

Known issues:

-FontDialog doesn't accept decimal as size input. I can't find a workaround for this, even when digging around the CommonDialog lib.

Credits:

Notepad icon: <http://www.iconarchive.com/show/circle-addon2-icons-by-martz90/notepad-icon.html>

Boogie tester: hackforums.net/member.php?action=profile&uid=1676753

???? - May 25, 2015, 3:47 pm

This is actually really cool, will DL on my PC when I get on.

'Axel - May 25, 2015, 3:56 pm

Wow, I love it, I'll try it out tonight. (I'll give credits <3)

Thanks :)

Hiir0 - May 25, 2015, 4:49 pm

a really cool addition would be Regex patterns when using Find and Replace like notepad++, cool release nonetheless.

CodeAssassin - May 25, 2015, 5:19 pm

I did this for one of my first projects, nice and easy one to finish. Looks like you did a good job on this.

Now you should try expanding on it, add a few features etc :)

Odus - May 25, 2015, 5:57 pm

(May 25, 2015 04:49 PM)Loopy Weeaboo Wrote: [\[CITE\]](#) a really cool addition would be Regex patterns when using Find and Replace like notepad++, cool release nonetheless.

I'm glad people are liking it! Actually, I had implemented pattern searching since I was already using the Regex engine, but ended up removing it since the real Notepad didn't support this. I think I mentioned that in the thread.

(May 25, 2015 04:59 PM)Phoenix Designs Wrote: [\[CITE\]](#) This must of taken hours, even days on end to complete.

Great work, interested to see what else you release.

Though the project was created some weeks ago, I hadn't worked on functionality until 3ish days ago. Pleased to see you like it, I hope to release a theme soon.

(May 25, 2015 05:19 PM)sweetysuckscock Wrote: [\[CITE\]](#) I did this for one of my first projects, nice and easy one to finish. Looks like you did a good job on this.

Now you should try expanding on it, add a few features etc :)

Are you implying I'm a noob?! No but this was actually one of my first ones a long time ago, though not quite as complete.

(May 25, 2015 05:31 PM)Only3 Wrote: [\[CITE\]](#) ?

what about some space to keep it more organize and readable

also u should use functions instead of forms when its not needed

I have the CodeLens reference counters, so they act as my spacers between methods.

Hang on a minute... I had a feeling that source wasn't right. Uploaded the wrong damn version haha, re-download from the OP.

What do you mean about using functions instead of forms? Keep in mind this is a replica.

Hopsin - May 25, 2015, 6:00 pm

Interesting share. Thanks mate.

CodeAssassin - May 25, 2015, 6:12 pm

(May 25, 2015 05:57 PM)Odus Wrote: [\[CITE\]](#) Are you implying I'm a noob?! No but this was actually one of my first ones a long time ago, though not quite as complete.

NO i said exactly what i meant this is a easy project to finish, which as it happens was one of the first main projects (after learning for a while).

Everyone is a noob at something. But no as i said you did a good job. Although i was expecting members of debug to be coding something more useful then what already comes with my operating system...

CodeAssassin - May 25, 2015, 6:17 pm

(May 25, 2015 06:14 PM)Odus Wrote: [\[CITE\]](#) We're hard at work with several projects underway, this has no relation to Debug.

Good i can't wait to see what you guys are up to wish i had the time to give to fully support/help a group but i do not :(

I do appreciate you giving up your source for others to learn from, hopefully some of the newer member will have a good look at this source and learn a great deal from it Kudos :)

EDIT: This is a great share for the community at least you gave your time to help others, that's great in my book :)

On a side note will debug be release there sources or will they be more for making the group money etc?

SIM-1676753 - May 25, 2015, 6:27 pm

(May 25, 2015 06:17 PM)sweetysuckscock Wrote: [\[CITE\]](#) Good i can't wait to see what you guys are up to wish i had the time to give to fully support/help a group but i do not :(

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On a side note will debug be release there sources or will they be more for making the group money etc?

Debug, from what I know, isn't a money based group. More of a service to the community. :)

sdk - May 25, 2015, 6:30 pm

Wow man, really nice! Very well done!

CodeAssassin - May 25, 2015, 6:30 pm

(May 25, 2015 06:27 PM)Mr. Trvp Wrote: [\[CITE\]](#) Debug, from what I know, isn't a money based group. More of a service to the community. :)

Cool, Then hopefully we should see some great projects coming from them :)

A little excited to see what the PHP, Javascript, vb.net and c# coders (plus the other languages) will

produce together tbh could be quite interesting :)

NETExplorer - May 25, 2015, 10:08 pm

(May 25, 2015 08:41 PM)xadamxk Wrote: [\[CITE\]](#) So when will OdusPad come default with Windows machines?

I was thinking the same thing

Sido, hurry up and make netblime

Hoody - May 25, 2015, 10:12 pm

This is actually pretty cool OP. Haha it must have been a fun project :)

Odus - May 26, 2015, 3:14 am

(May 25, 2015 08:41 PM)xadamxk Wrote: [\[CITE\]](#) So when will OdusPad come default with Windows machines? (May 25, 2015 10:08 PM)PatPositron Wrote: [\[CITE\]](#) I was thinking the same thing

Sido, hurry up and make netblime

I'm in talks with Microsoft over supplying it with every copy of Windows 10. My legal team has informed me I can expect several dollars; most likely \$7.

SaketSaket - May 26, 2015, 4:10 am

(May 26, 2015 03:14 AM)Odus Wrote: [\[CITE\]](#) I'm in talks with Microsoft over supplying it with every copy of Windows 10. My legal team has informed me I can expect several dollars; most likely \$7.

Wow.. means we will get 3 editors with windows 10.. A notepad, wordpad & oduspad ;)

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Yazz - May 26, 2015, 7:04 am

This is actually really cool

\$uicidal - May 26, 2015, 11:00 am

Damn good job, I'm impressed you exactly copied the Font form

Cammy - May 26, 2015, 11:45 am

could you add a fix so that when you press ctrl+backspace the whole word gets removed? now it just shows [] when i do it as well as in the standard notepad program

ty homie

blu3 - May 26, 2015, 12:12 pm

Wow, that's amazing. That is a lot of hard work.

Odus - May 26, 2015, 3:43 pm

(May 26, 2015 11:45 AM)???2k??? Wrote: [\[CITE\]](#) could you add a fix so that when you press ctrl+backspace the whole word gets removed? now it just shows [] when i do it as well as in the standard notepad program

ty homie

I'm pleased you discovered this, turns out the TextBox isn't written to behave that way, not even Ctrl+A is supported by default and only because of the shortcut on the MenuStrip does it work.

So this has to be done manually from what I can see. Here's what I have so far in the KeyDown event:

```
Code If e.Control AndAlso e.KeyCode = Keys.Back Then  
    e.SuppressKeyPress = True
```

```
Dim spaceIndex As Integer = txt.Text.LastIndexOf(" ")  
If spaceIndex > 0 Then  
    txt.Text = txt.Text.Substring(0, spaceIndex)  
    txt.SelectionStart = txt.Text.Length  
End If  
End If
```

This functions well until the very first word in the document. I'll update with a fix probably tomorrow.

Ninja - May 26, 2015, 6:00 pm

I find it saddening that the source is not a one-liner.

CorrM - May 26, 2015, 11:01 pm

Nice Work, where source!!

Neos07 - May 26, 2015, 11:54 pm

Nice! I like it ?

The-One - May 27, 2015, 12:26 am

(May 25, 2015 03:45 PM)Odus Wrote: [\[CITE\]](#) Known issues:

-FontDialog doesn't accept decimal as size input. I can't find a workaround for this, even when digging around the CommonDialog lib.

Because the size properties of FontDialog are integers.

<http://referencesource.microsoft.com/#System.Windows.Forms/winforms/Managed/System/WinForms/FontDialog.cs,278>

(May 26, 2015 11:00 AM)Lawlly Wrote: [\[CITE\]](#) Damn good job, I'm impressed you exactly copied the Font form

He didn't, he used the FontDialog class as he explained.

0xDEAD10CC - May 31, 2015, 9:26 am

Minor issue... With the ".LOG" trick for notepad, after the timestamp is added to the text editor, the caret is placed on the line after the new timestamp which is automatically appended. Netpad places the caret at the beginning of the text editor control. Your ALT key shortcuts too for the menubar are not proper either. Remember to be naming each menubar item with the ampersand before the letter you want to use as well. (Ex: "E&xit")