

The Developer Experience

Tips for making your life as a developer easier, more productive, and enjoyable.

About

- Robert C. Cain
- Southern Nuclear since 2005
- 10 years as a consultant in the B'ham Market
- Wide range of .Net applications, ASP & Win
- SQL Server 2005 Data Warehouse
- President, BSDA
- Director of Recruiting, Steel City SQL Group
- Director of Education, TechMixer University
- <http://arcanecode.com>

Thank You

“The successful people do what the failures won’t.”



--Anthony Robbins

The Developer Experience

Improve your developer day in three ways:

- Physically
- Virtually
- Mentally

The Physical Experience

Physical



Physical

- Start with a comfortable keyboard



Microsoft® Wireless Laser Desktop 4000

Physical

- Monitors make a huge difference



Physical

- A good chair is vital.
- Average developer sits 10 to 12 hours a day
- Take regular stretch breaks



Physical



The Virtual Experience

- Freeware / shareware to enhance your productivity

Windows Add-Ons

Virtual – Windows Add-Ons

TouchCursor



Cost: \$20

<http://touchcursor.com/>

Virtual – Windows Add-Ons

UltraMon

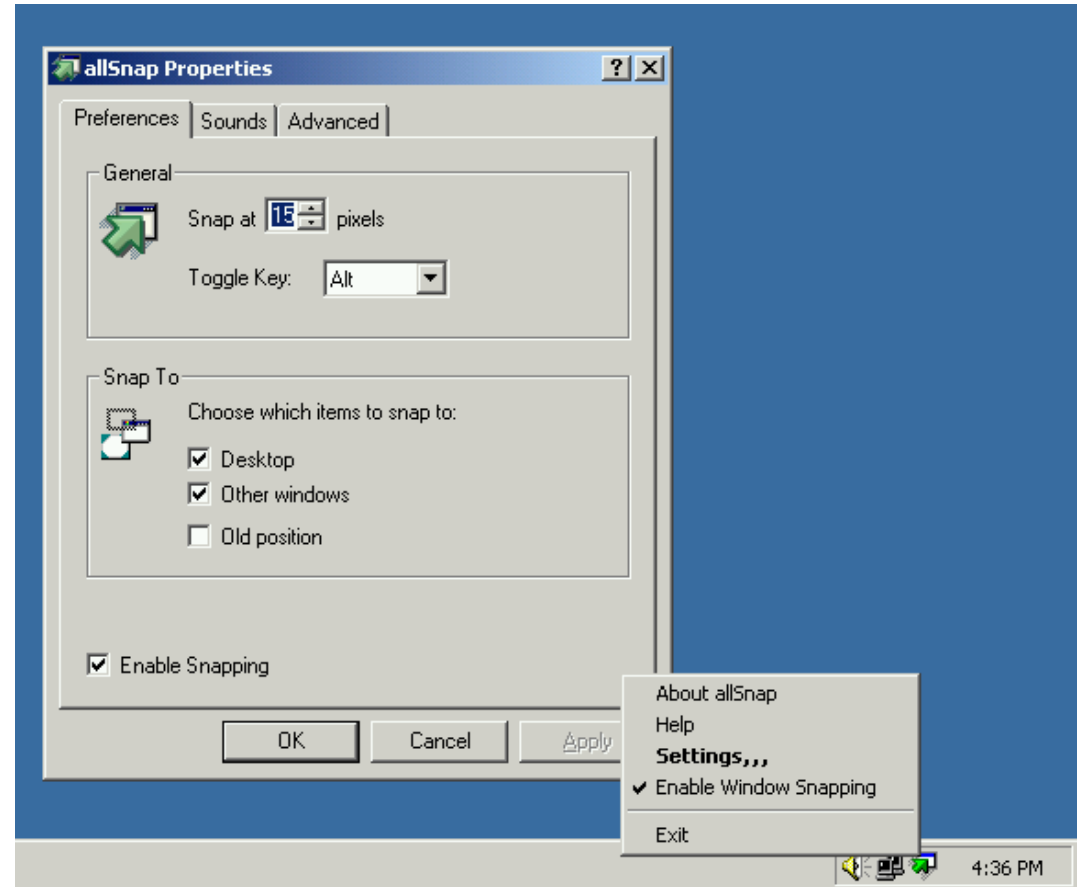


Cost: \$39.95

<http://www.realtimesoft.com/ultramon/>

Virtual – Windows Add-Ons

AllSnap



Cost: Free

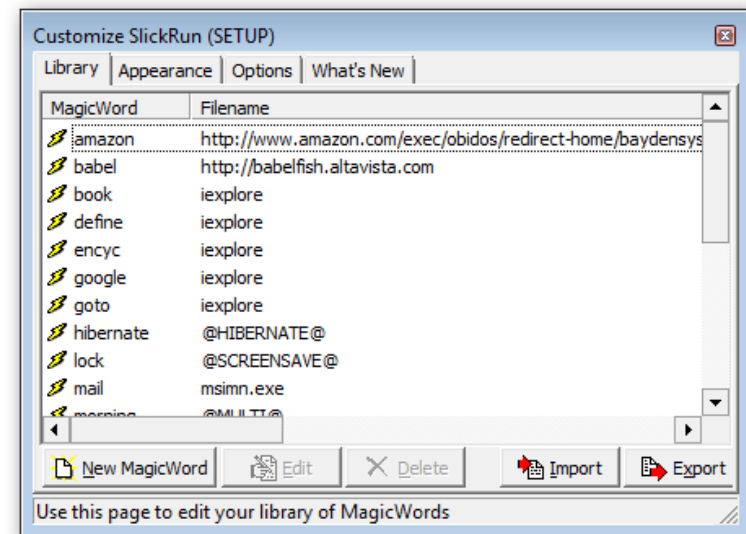
<http://www.cs.utoronto.ca/~iheckman/allsnap/>

Virtual – Windows Add-Ons

Bayden SlickRun

2/8 8:32 pm

c:\program files\microsoft visual studio\



Cost: Free

<http://www.bayden.com/SlickRun/>

Virtual – Windows Add-Ons

RocketDock

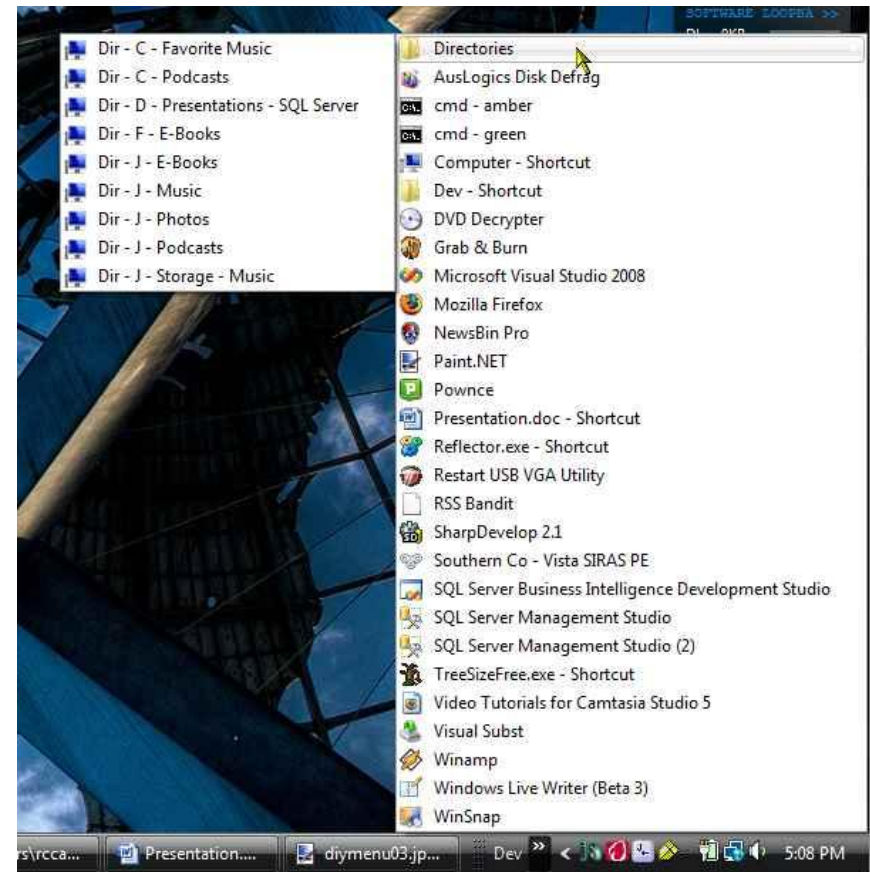


Cost: Free

<http://rocketdock.com/>

Virtual – Windows Add-Ons

Do It Yourself Quick Launch Menu

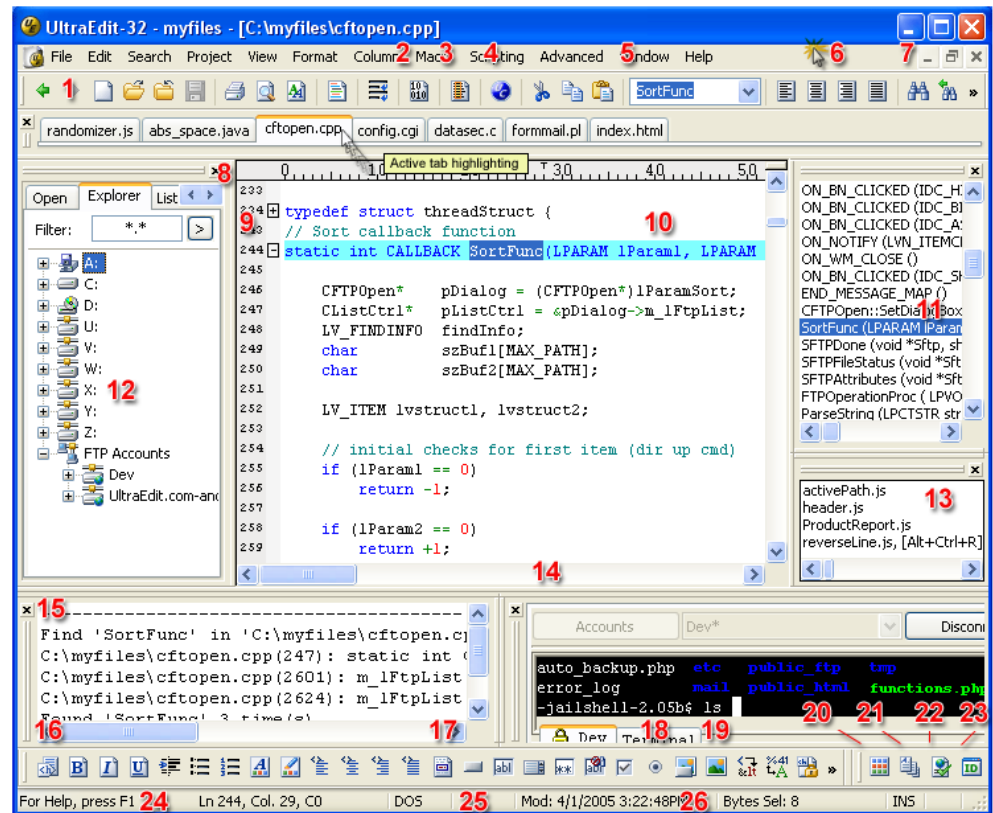


Cost: Free

<http://arcanecode.wordpress.com/2008/02/11/do-it-yourself-quick-launch-menu/>

Virtual – Windows Add-Ons

UltraEdit

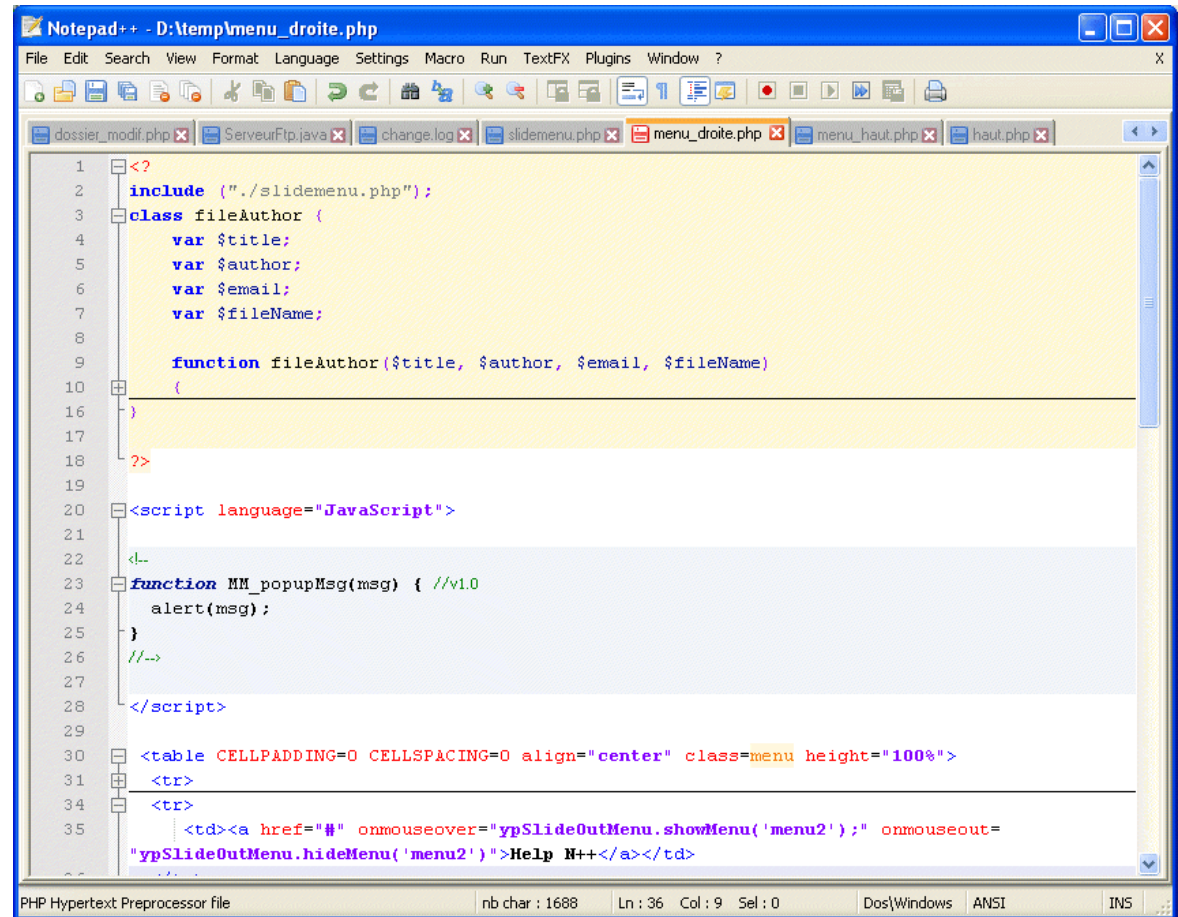


Cost: \$49.95

<https://www.ultraedit.com/>

Virtual – Windows Add-Ons

Notepad++



The screenshot shows the Notepad++ application window with the file `D:\temp\menu_droite.php` open. The code is a combination of PHP and HTML. It includes a PHP class `fileAuthor` with properties `$title`, `$author`, `$email`, and `$fileName`, and a constructor function. Below the PHP code is a JavaScript function `MM_popupMsg` that displays an alert box. The code concludes with an HTML table containing a link with `onmouseover` and `onmouseout` events that call `ypSlideOutMenu.showMenu` and `ypSlideOutMenu.hideMenu` respectively. The status bar at the bottom indicates the file is a PHP Hypertext Preprocessor file, with 1688 characters, 36 lines, and 9 columns selected.

```
1 <?
2 include ("./slidemenu.php");
3 class fileAuthor {
4     var $title;
5     var $author;
6     var $email;
7     var $fileName;
8
9     function fileAuthor($title, $author, $email, $fileName)
10    {
16    }
17
18    ?>
19
20 <script language="JavaScript">
21
22 <!--
23 function MM_popupMsg(msg) { //v1.0
24     alert(msg);
25 }
26 //-->
27
28 </script>
29
30 <table CELLPADDING=0 CELLSPACING=0 align="center" class="menu" height="100%">
31 <tr>
34 <tr>
35     <td><a href="#" onmouseover="ypSlideOutMenu.showMenu('menu2');" onmouseout="
        ypSlideOutMenu.hideMenu('menu2');">Help N++</a></td>
```

Cost: Free

<http://notepad-plus.sourceforge.net/uk/site.htm>

Virtual – Windows Add-Ons

Paint.Net

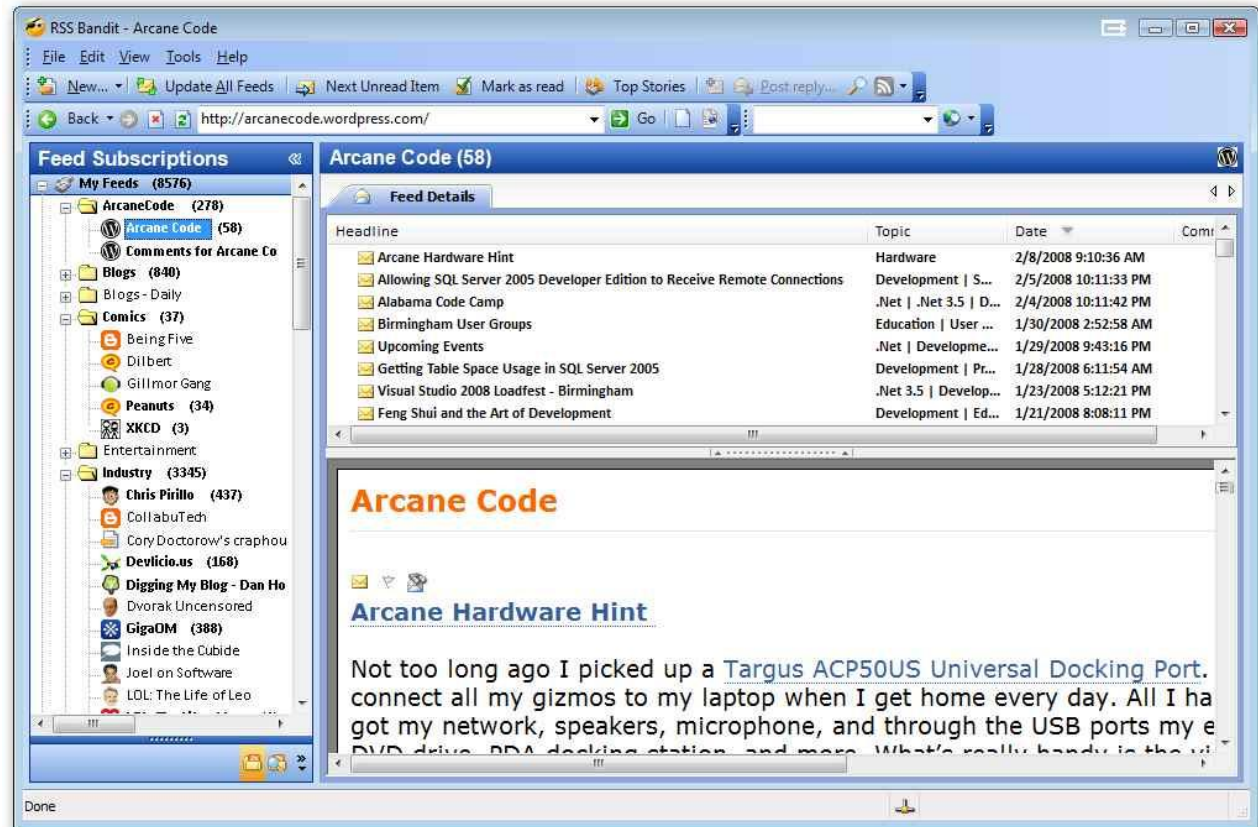


Cost: Free

<http://www.getpaint.net/>

Virtual – Windows Add-Ons

RSS Bandit

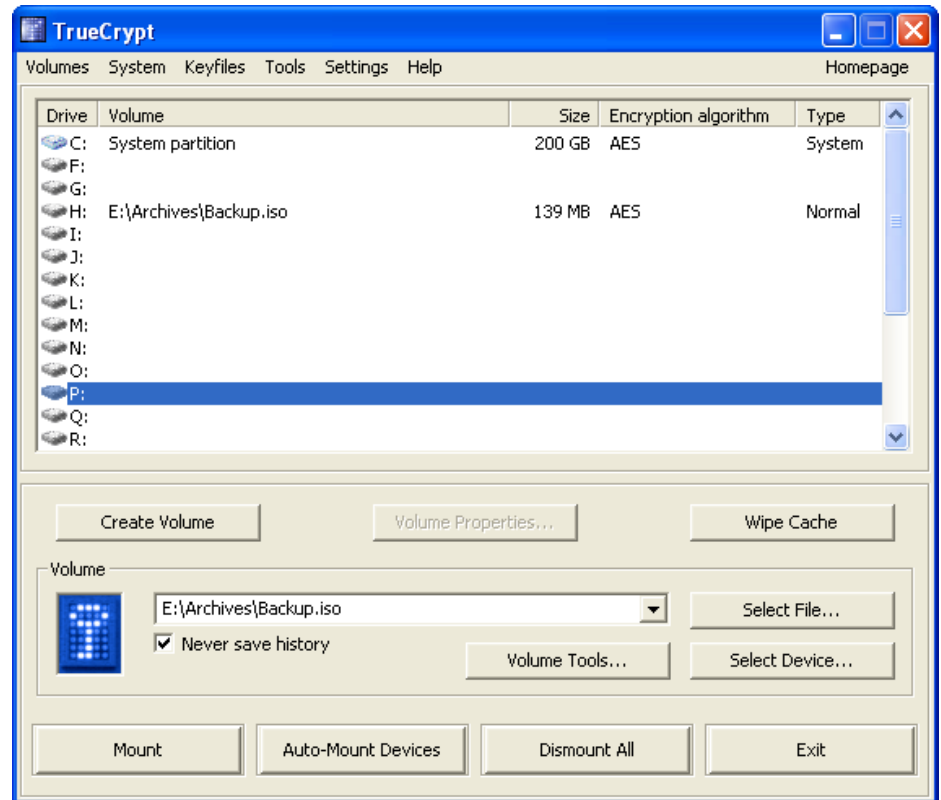


Cost: Free

<http://www.rssbandit.org/>

Virtual – Windows Add-Ons

TrueCrypt

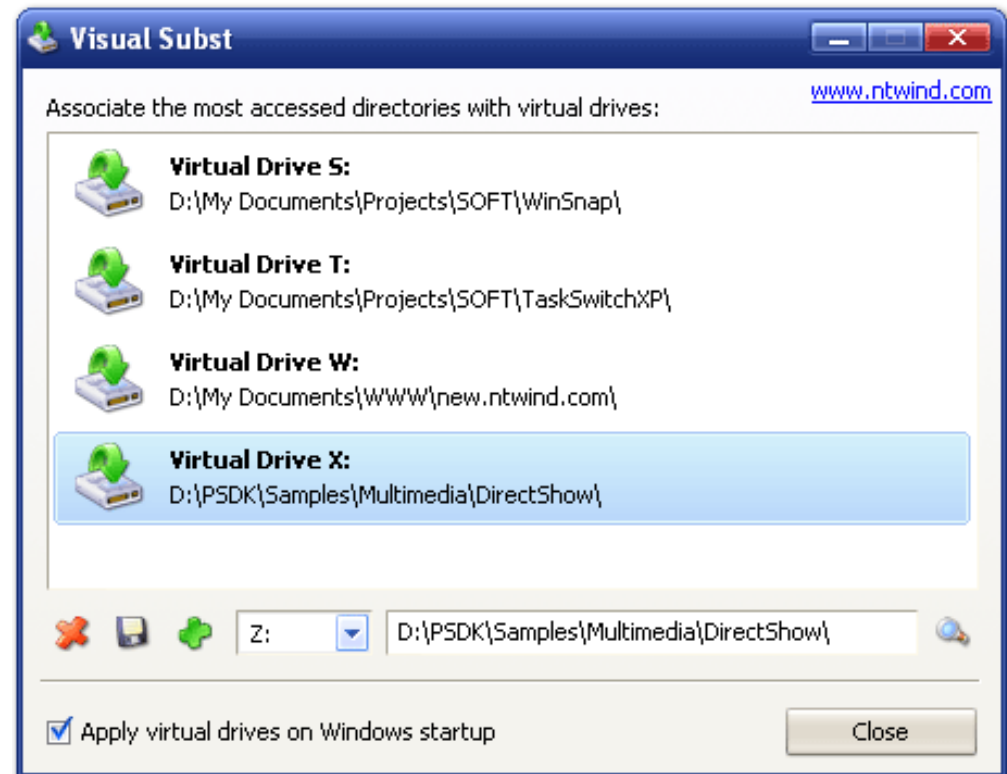


Cost: Free

<http://www.truecrypt.org/>

Virtual – Windows Add-Ons

Visual Subst

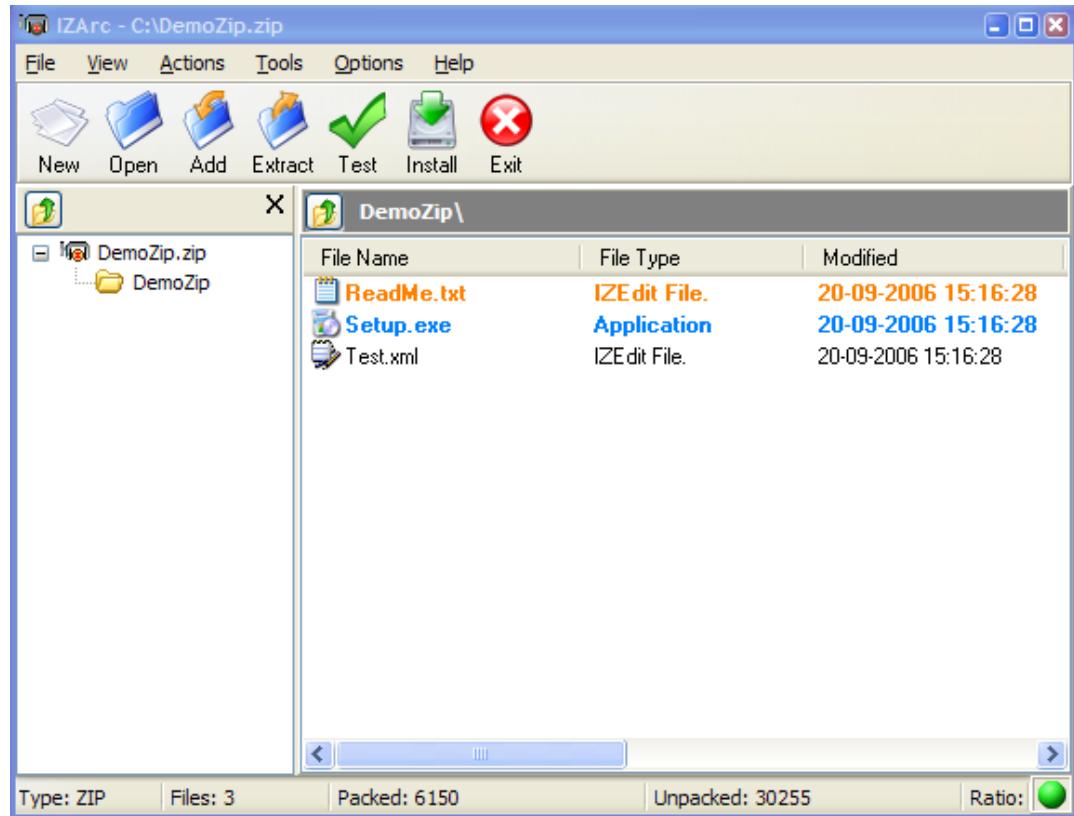


Cost: Free

<http://www.ntwind.com/software/utilities/visual-subst.html>

Virtual – Windows Add-Ons

IZArc

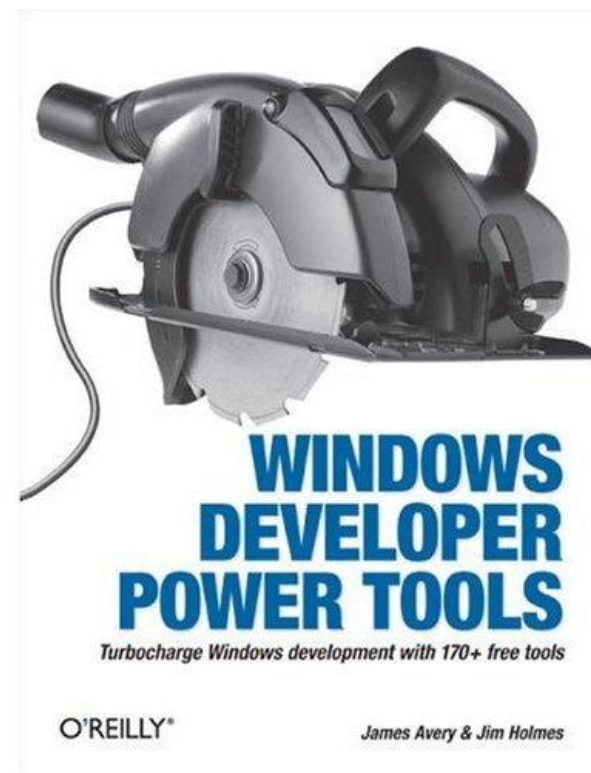


Cost: Free

<http://izarc.org/>

Virtual – Windows Add-Ons

Windows Developer Power Tools



Cost: 59.99 / 37.79

<http://www.amazon.com/Windows-Developer-Power-Tools-Turbocharge/dp/0596527543>

Virtual – Windows Add-Ons

Scott Hanselman's Tools

SCOTT HANSELMAN'S COMPUTERZEN.COM
Programming Life and the Zen of Computers

23383 readers
BY FEEDBURNER

« Make the Windows Text Cursor (Caret) Wid... | Main | XLINQ to XML support in VB9 »

 **Scott Hanselman's 2007 Ultimate Developer and Power Users Tool List for Windows**

Posted in Tools

TAX DEDUCTIBLE DONATIONS: If you enjoyed this post, or this blog, please make a secure tax-deductible donation directly to the American Diabetes Association. Please read my personal story about life as a diabetic and donate today. ALL PROCEEDS will go to Diabetes Research.

Everyone collects utilities, and most folks have a list of a few that they feel are indispensable. Here's mine. Each has a distinct purpose, and I probably touch each at least a few times a week. For me, util means utilitarian and it means don't clutter my tray. If it saves me time, and seamlessly integrates with my life, it's the bomb. Many/most are free some aren't. Those that aren't free are very likely worth your 30-day trial, and perhaps your money.

Here are most of the contents of my C:/UTILS folder. These are all well loved and used. I wouldn't recommend them if I didn't use them constantly. Things on this list are here because I dig them. No one paid money to be on this list and no money is accepted to be on this list.

Shameless Personal Plug: Discover more cool tools and programming tips on my weekly Podcast with Carl Franklin - **Hanselminutes (Podcast Feed/Podcast Archives)** - "Our show is guaranteed not to waste your time. Free free to listen in double speed and waste half as much."

This is the **Updated for 2007 Version** of my **Original List** and **2005** and **2006** List, and currently subsumes all my other lists. Link to <http://www.hanselman.com/tools> when referencing the latest **Hanselman Ultimate Tools List**. Feel free to get involved here in the comments, post corrections, or suggestions for future submissions in the **HanselForums**. I very likely made mistakes, and probably forgot a few utilities that I use often.

Contact



Email
Free/Busy
twitter
facebook
DELICIOUS
SKYPE ME
LinkedIn profile

Translator

Sponsors

Unleash the power of WPF



Get it free at xceed.com

LogicNP Software <http://www.ssware.com>

Shell MegaPack.Net new v9.0

Drop-In Windows Explorer Like File/Folder Browsing UI Controls

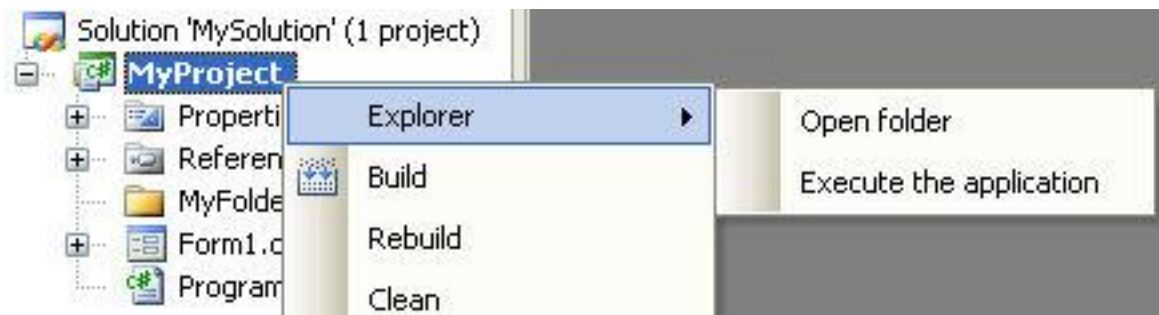
Cost: Free

<http://www.hanselman.com/tools>

Visual Studio Add-Ons

Virtual – Visual Studio Add-Ons

Explorer

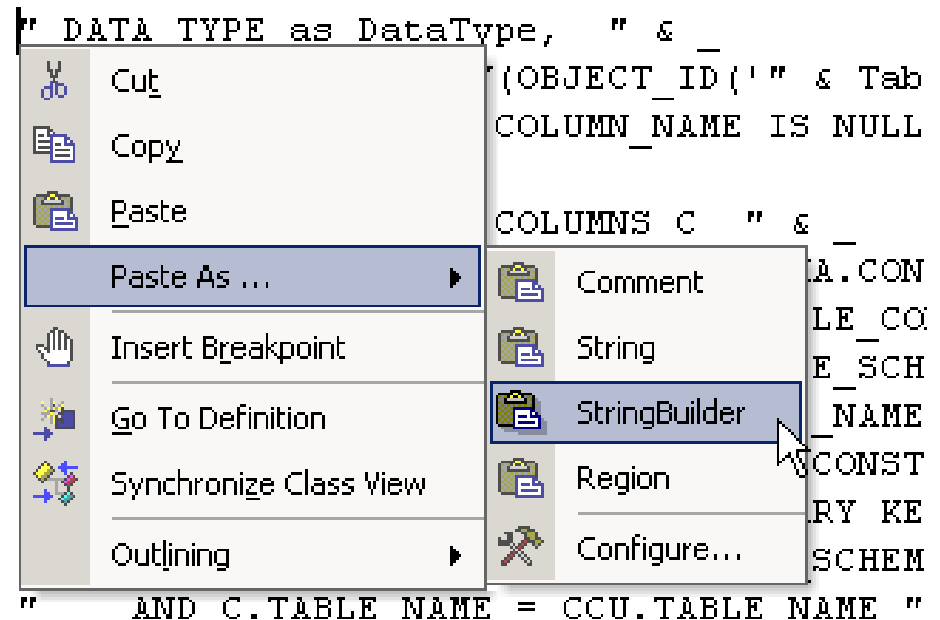


Cost: Free

<http://arcancode.wordpress.com/2006/12/12/visual-studio-add-ins-explorer/>

Virtual – Visual Studio Add-Ons

Paste as...



Cost: Free

<http://arcancode.wordpress.com/2006/11/20/visual-studio-add-ins-paste-as/>

Virtual – Visual Studio Add-Ons

Copy Source as HTML

Visual Studio Add-Ins: Copy Source as HTML

November 17, 2006 — arcanecode | [Edit](#)

Our next tool is very handy for those of us who blog, or perhaps just want to share code snippets with friends using HTML enabled e-mail. Copy Source as HTML, available at <http://www.jtleigh.com/people/colin/software/CopySourceAsHtml/> does just what it says. It takes the lines of source code you have highlighted in your Visual Studio editor and copies them to the clipboard as HTML.

For an example, I've pasted this simple HTML into my blog so you can see what it looks like. This is HTML text, not a picture:

```
9 namespace WinTest1
10 {
11     public partial class Form1 : Form
12     {
13         public Form1()
14         {
15             InitializeComponent();
16         }
17     }
18 }
```

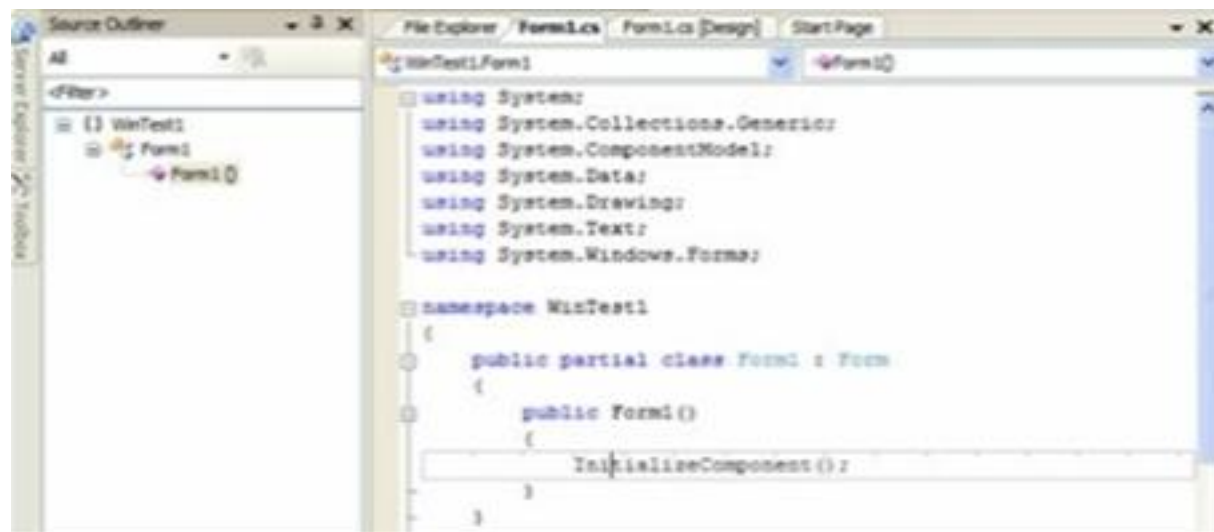
Cost: Free

<http://arcanecode.wordpress.com/2006/11/17/visual-studio-add-ins-copy-source-as-html/>

Virtual – Visual Studio Add-Ons

MS VS Enhancements

- Source Code Outliner
- C++ Code Snippets
- Indexed Find
- Super Diff Utility
- Event Toaster



Cost: Free

<http://arcanecode.wordpress.com/2006/11/15/visual-studio-add-ins-ms-visual-studio-enhancements/>

Virtual – Visual Studio Add-Ons

SlickEdit Gadgets

Editor Gadgets

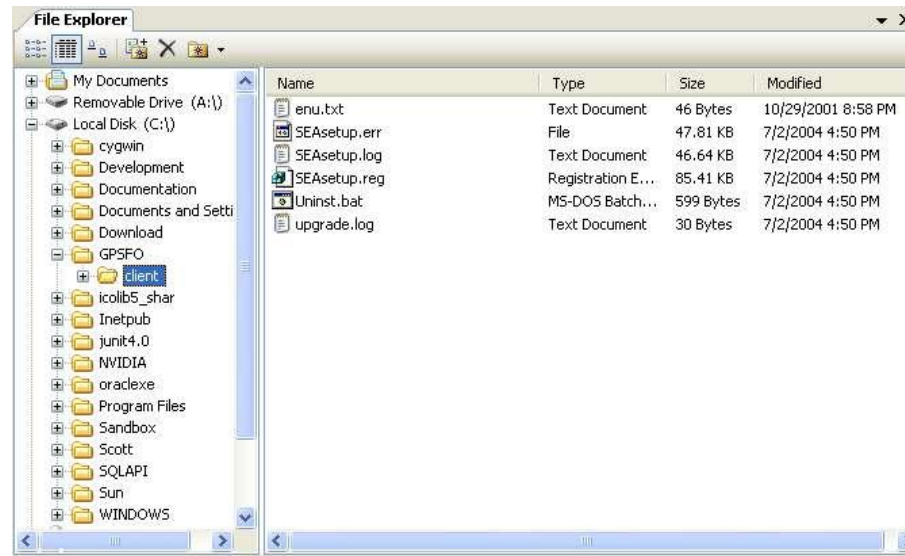
Command Spy

File Explorer

Data Object Analyzer

SLOC Report

```
static class Program
{
    /// <summary>
    /// The main entry point for the application.
    /// </summary>
    [STAThread]
    static void Main()
    {
        Application.EnableVisualStyles();
        Application.SetCompatibleTextRenderingDefault(false);
        Application.Run(new MainForm());
    }
}
```

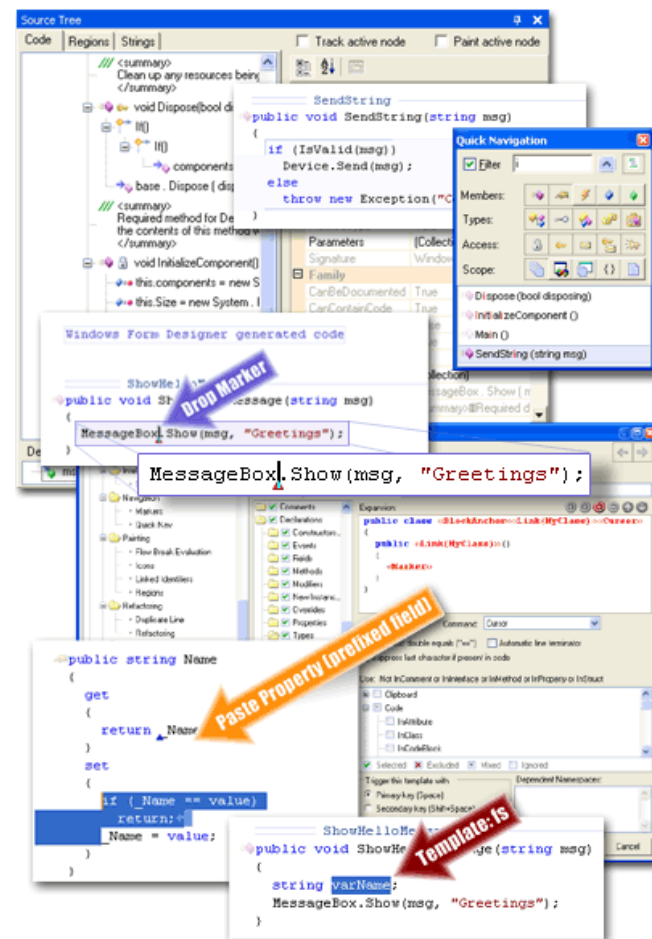


Cost: Free

<http://arcanecode.wordpress.com/2006/11/14/visual-studio-add-ins-slickedit-gadgets/>

Virtual – Visual Studio Add-Ons

CodeRush/Refactor Pro

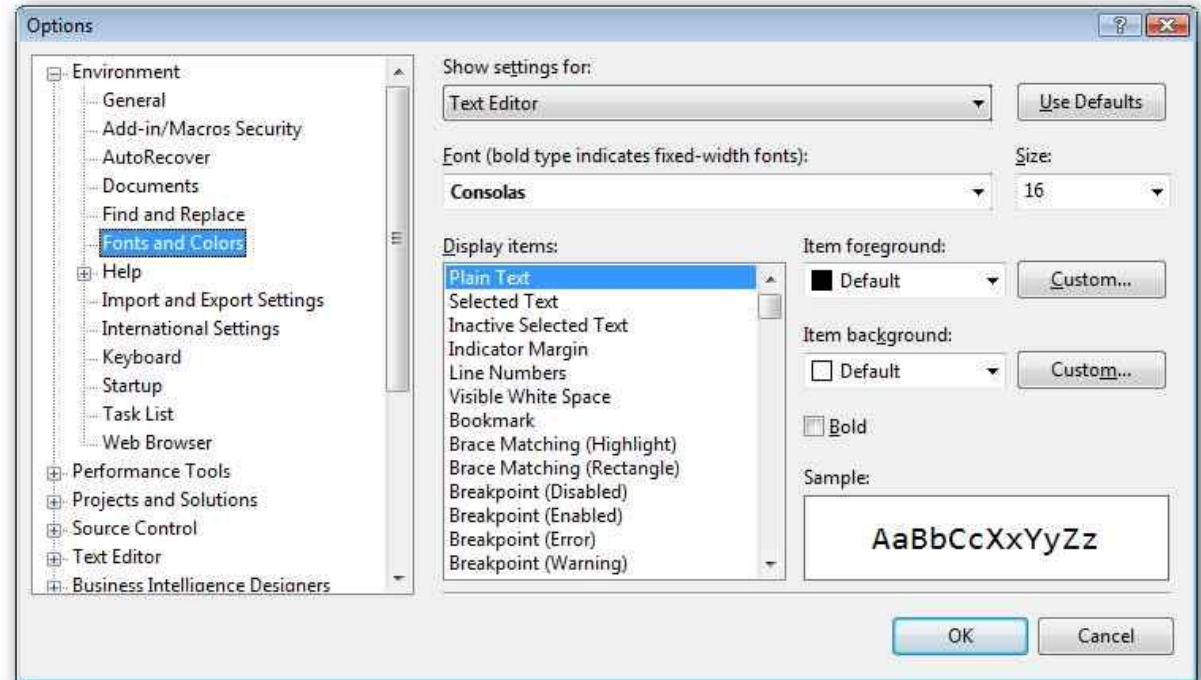


Cost: \$249

<http://www.devexpress.com/Products/NET/IDETools/CodeRush/>

Virtual – Visual Studio Customization

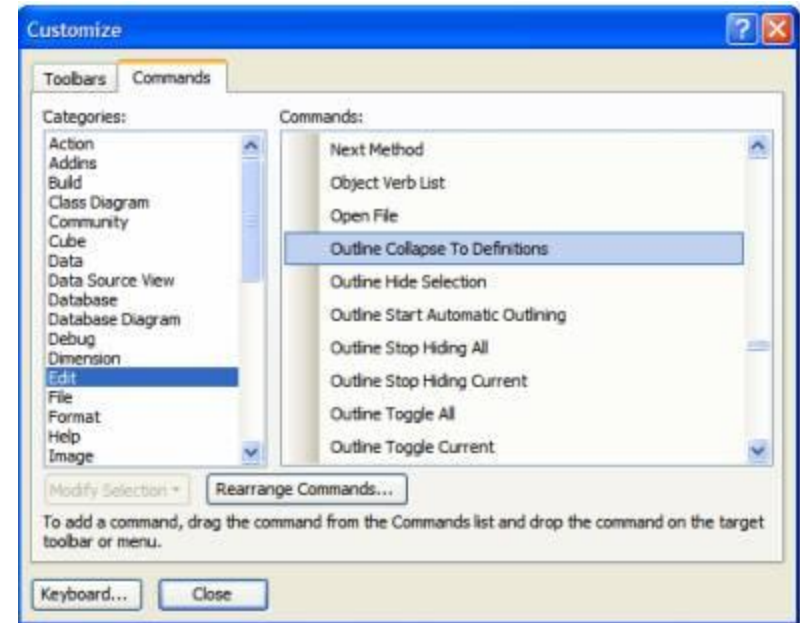
Fonts and Colors



Cost: Part of VS
Tools, Options

Virtual – Visual Studio Customization

Create your own Toolbars



Cost: Part of VS

<http://arcanecode.wordpress.com/2006/12/15/customizing-visual-studio-shortcuts-to-commands/>

The Mental Experience

Educational Opportunities

- User Groups
- Podcasts
- Videocasts

User Groups

- [Huntsville .Net User Group](#)
- [Birmingham Software Developer Association](#)
- [Birmingham .Net User Group](#)
- [Montgomery Area .Net User Group](#)
- [Lower Alabama .Net User Group](#)
- [Steel City SQL Group](#)
- [SOA Society](#)
- [Internet Professional Society of Alabama](#)

Podcasts

- [.Net Rocks](#)
- [Hanselminutes](#)
- [RunAsRadio](#)
- [ASP.Net Podcast](#)
- [SQL Down Under](#)
- [This Week in Tech \(TWiT\)](#)
- [Security Now](#)

Video Casts

- [dnrTV](#)
- [Channel 9](#)
- [Channel 8](#)
- [Channel 10](#)
- [DL.TV](#)
- [Cranky Geeks](#)
- [Revision 3](#) (System, Techzilla, Digg)

Thanks Again!

- Questions?
- All material available at <http://arcanecode.com>
- arcanecode@gmail.com