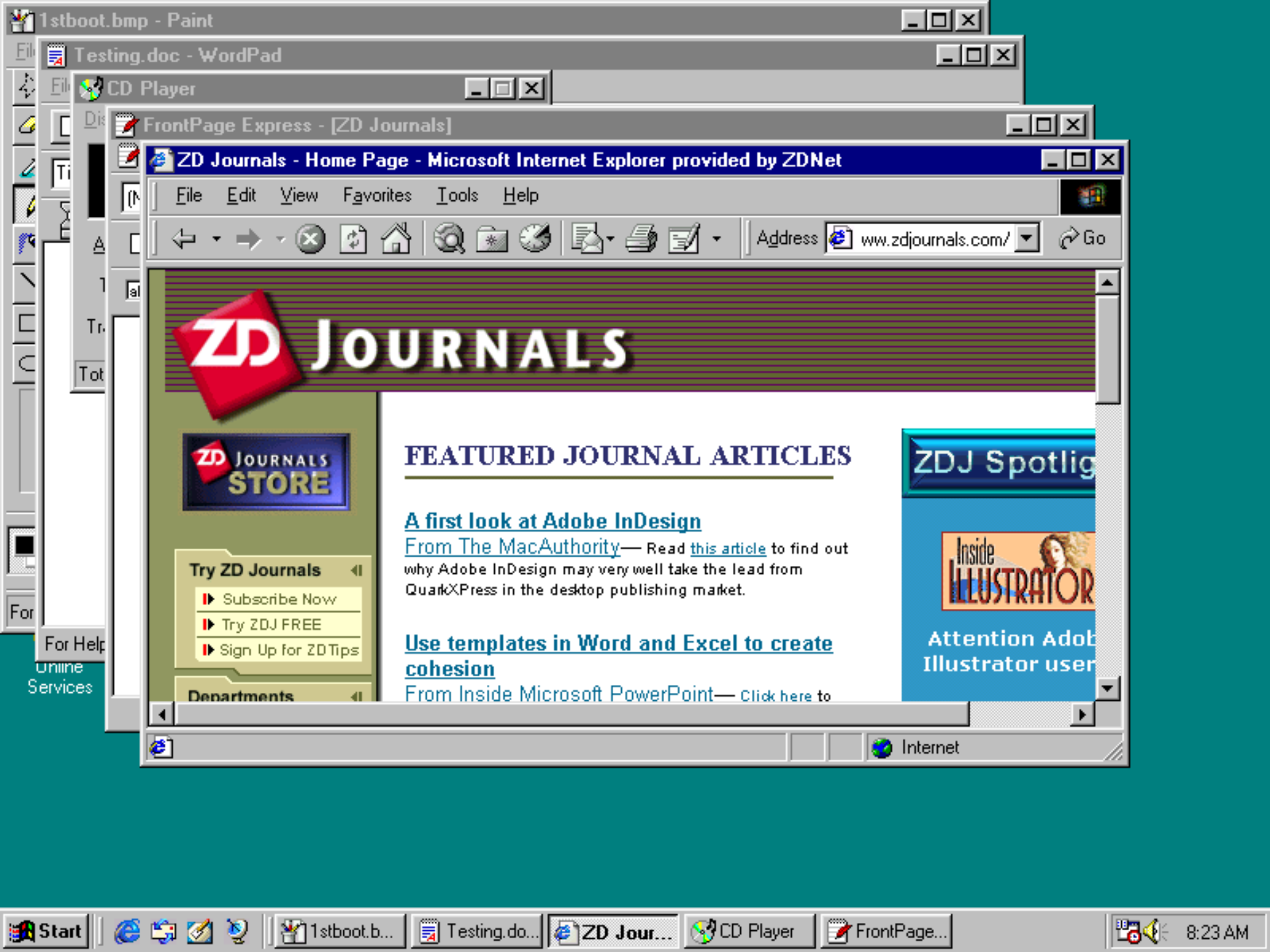


Preventing system crashes with Resource Meter

by Gregory Shultz

ZD Journals



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Attention Adobe Illustrator user



My Computer



My Documents



Internet Explorer



Network Neighborhood




Recycle Bin



Online Services

Low Resources

 Ninety percent or more of your system resources are in use. To free up system resources, quit any programs that you are not using. If you do not, your computer may stop responding.

OK



My Computer



My Documents



Internet Explorer



Network Neighborhood

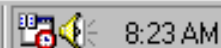
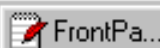
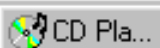
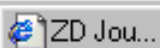
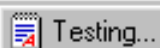
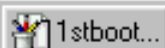


Recycle Bin



Online Services

● System resources are limited





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My Documents



Internet Explorer



Network Neighborhood

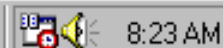
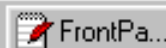
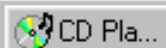
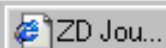
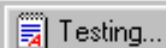
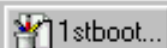
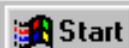


Recycle Bin



Online Services

- System resources are limited
- You can track system resources with Resource Meter





My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

Document - WordPad [minimize] [maximize] [close]

File Edit View Insert Format Help

Times New Roman | 10 | **B** / U

1 2 3 4 5

For Help, press F1

NUM



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

Document - WordPad

File Edit View Insert Format Help

Times New Roman

Open

Look in: My Documents

- My Pictures
- Offline

File name:

Files of type: Word for Windows (*.doc)

Open Cancel

For Help, press F1

NUM



FullShot 99 - [\\Sun\1] my ...

Document - WordPad

1:03 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

Document - WordPad

File Edit View Insert Format Help

Times New Roman

Font [?] [X]

Font:	Font style:	Size:
Times New Roman	Regular	10
System	Regular	10
Tahoma	Italic	11
Times New Roman	Bold	12
Trebuchet MS	Bold Italic	14
Verdana		16
Webdings		18
Wingdings		20

Effects

Strikeout

Underline

Color: Black

Sample

AaBbYyZz

Script: Western

OK

Cancel

This is a TrueType font. This same font will be used on both your printer and your screen.

For Help, press F1

NUM



FullShot 99 - [\\Sun\1] my ...

Document - WordPad

1:04 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood

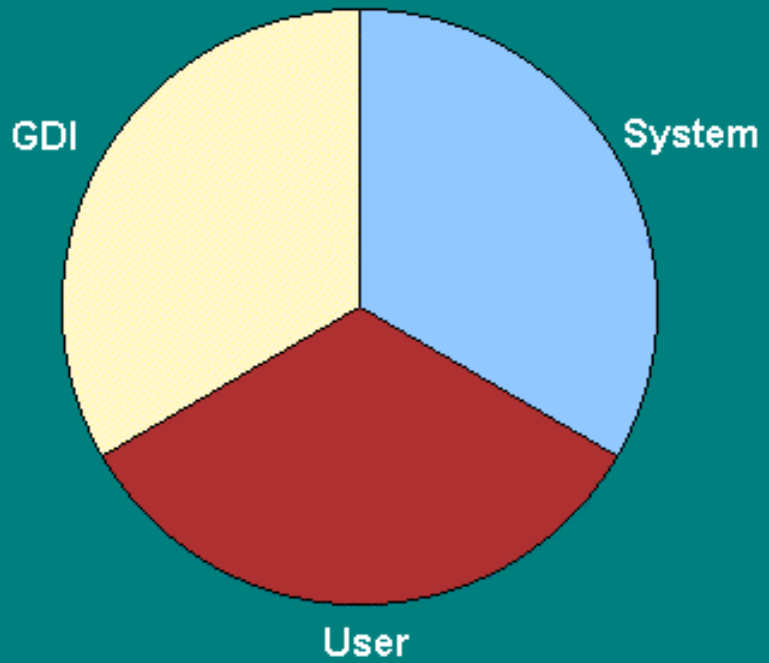


Recycle Bin



Online Services

System Resources





My Computer



My Documents



Internet Explorer



Network Neighborhood

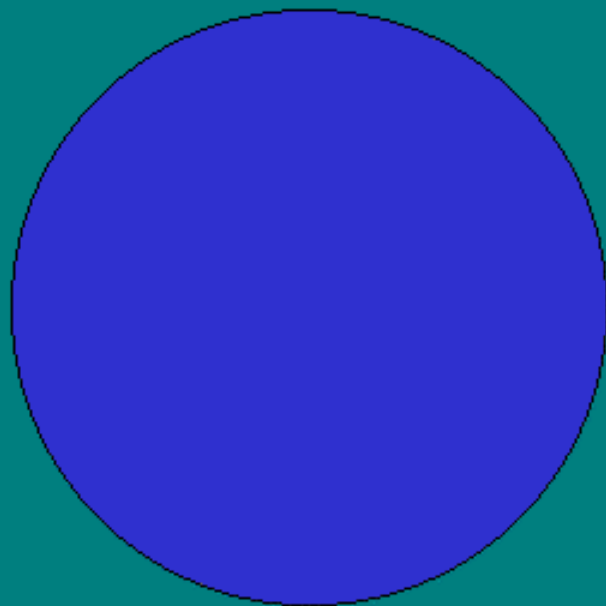


Recycle Bin



Online Services

System Resources





My Computer



My Documents



Internet
Explorer



Network
Neighborhood

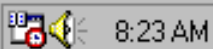


Recycle Bin



Online
Services

- The system resources limitation is a permanent part of the operating system





My Computer



My Documents



Internet Explorer



Network Neighborhood

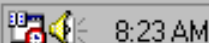
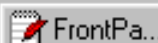
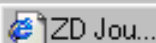
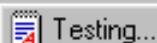
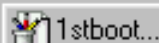
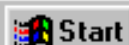


Recycle Bin



Online Services

- The system resources limitation is a permanent part of the operating system
- Not all applications use system resources responsibly
 - Some applications take more system resources than they need
 - Some applications don't correctly return system resources to the pool once they're finished using them





My Computer



My Documents



Internet Explorer



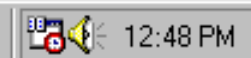
Network Neighborhood



Recycle Bin



Online Services





My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

Control Panel [Min] [Max] [Close]

File Edit View Go Favorites Help Address

← → ↶ ↷ ✂ 📄 📁 ↶ ✂ 📄 📁

Add New Hardware	Add/Remove Programs	Date/Time	Display	Fonts	Game Controllers
Internet Options	Keyboard	Modems	Mouse	Multimedia	Network
ODBC Data Sources (32bit)	Passwords	Power Management	Printers	Regional Settings	Sounds
System	Telephony	Tweak UI	Users		

1 object(s) selected Sets up My Computer

Start



Control Panel

12:51 PM



Control Panel

File Edit View Go Favorites Help Address Control Panel

Add/Remove Programs Properties

Install/Uninstall Windows Setup Startup Disk

System Tools

To add or remove a component, select the check box, or click to clear it if you don't want the component. A shaded box means that only part of the component will be installed. To see what's included in a component, click Details.

Component:

- Multimedia Center
- Multi-language User Interface
- Online Services
- System Resource Meter
- Windows Firewall

Space used by installed components: 27.0 MB

Space required: 0.0 MB

Space available on disk: 243.0 MB

Description: Displays system resource levels.

Details...

OK Cancel



My Computer



My Documents



Internet Explorer

Windows98

- Windows Update
- Programs**
 - Accessories
 - Adobe Acrobat
 - Communications
 - Drag And File
 - FullShot99
 - Graphics
 - Internet Explorer
 - StartUp
 - Utilities
 - MS-DOS Prompt
 - Windows Explorer
- Favorites
- Documents
- Settings
- Find
- Help
- Run...
- Log Off Greg...
- Shut Down...

- Communications
- Entertainment
- Internet Tools
- System Tools**
 - Backup
 - Disk Cleanup
 - Disk Defragmenter
 - Drive Converter (FAT32)
 - Maintenance Wizard
 - Resource Meter**
 - ScanDisk
 - Scheduled Tasks
 - System Information
 - Welcome To Windows
- Address Book
- Calculator
- Imaging
- Notepad
- Paint
- Synchronize
- WordPad

- Backup
- Disk Cleanup
- Disk Defragmenter
- Drive Converter (FAT32)
- Maintenance Wizard
- Resource Meter**
- ScanDisk
- Scheduled Tasks
- System Information
- Welcome To Windows



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

Resource Meter [X]

 The Resource Meter monitors the system resources your programs are using. Like any program, the Resource Meter uses system resources when it is running. This may cause your computer to run more slowly.

Don't display this message again.

OK



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

1:02 PM

Start

1:02 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

System: 98% User: 98% GDI: 98%

1:07 PM

Start

System: 98% User: 98% GDI: 98% 1:07 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

System: 98% User: 98% GDI: 98%

1:07 PM

Start




System: 98% User: 98% GDI: 98%

1:07 PM

- My Computer
- My Documents
- Internet Explorer
- Network Neighborhood
- Recycle Bin
- Online Services

untitled - Paint

File Edit View Image Colors Help



For Help, click Help Topics on the Help Menu.


System: 95% User: 97% GDI: 95%



1:07 PM

Start | Internet Explorer | Paint | untitled - Paint

System: 95% User: 97% GDI: 95%



1:07 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

System tray area showing taskbar icons, a speaker icon, a volume slider, and the time 1:12 PM.

Windows taskbar with Start button, application icons (untitled - ..., Documen..., ZD Journ..., CD Player, FrontPag...), and system tray (speaker, volume, 1:12 PM).



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

System tray area showing taskbar icons, volume control, and system clock. The system clock displays 1:17 PM.

Taskbar showing Start button and open applications: Clouds..., 1) Tips ..., ZD Jou..., CD Pla..., FrontP...

System tray area showing taskbar icons, volume control, and system clock. The system clock displays 1:17 PM.



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

System tray area showing taskbar icons, a speaker icon, a volume slider, and the time 1:22 PM.

Taskbar area showing the Start button and several application icons.

System tray area showing taskbar icons, a speaker icon, a volume slider, and the time 1:22 PM.



My Computer



My Documents



Internet Explorer



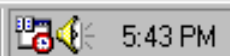
Network Neighborhood



Recycle Bin



Online Services





My Computer



My Documents



Taskbar Properties

Taskbar Options | Start Menu Programs

Customize Start menu

 You can customize your Start menu by adding or removing items from it.

Documents menu

 Click the Clear button to remove the contents of the Documents menu and other personal history lists.



My Computer



My Documents

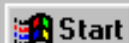
Exploring - System Tools

File Edit View Go Tools Help | Address s:\Accessories\System Tools Go

← → + * ✂ 📄 📁 ↶ ✕ 📅

Folders	Name	Size	Type	Modified
Start Menu	Backup	1KB	Shortcut	5/6/99 10:2
Programs	Disk Cleanup	1KB	Shortcut	3/18/99 9:2
Accessories	Disk Defragmenter	1KB	Shortcut	3/18/99 9:2
Communications	Drive Converter (FAT32)	1KB	Shortcut	3/18/99 9:2
Entertainment	Maintenance Wizard	1KB	Shortcut	3/18/99 9:2
Internet Tools	Resource Meter	1KB	Shortcut	6/24/99 11
System Tools	ScanDisk	1KB	Shortcut	4/14/99 11
Adobe Acrobat	Scheduled Tasks	1KB	Shortcut	3/18/99 8:3
+ Communications	System Information	1KB	Shortcut	4/15/99 1:0
+ Drag And File	Welcome To Windows	1KB	Shortcut	3/18/99 9:2
+ FullShot99				
+ Graphics				
+ Internet Explorer				
+ StartUp				
+ Utilities				

OK Cancel Apply



Exploring - System To...

5:54 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

System tray area containing taskbar icons, a speaker icon, a volume slider, a battery icon, and the time 1:12 PM.

Windows taskbar showing Start button, application icons (Internet Explorer, Outlook, Paint, Word), and open windows (untitled - ..., Documen..., ZD Journ..., CD Player, FrontPag...). The system tray on the right shows taskbar icons, a speaker icon, a volume slider, a battery icon, and the time 1:12 PM.



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

1:12 PM

Start | Internet Explorer | Microsoft Word | Microsoft Paint | Microsoft Word | untitled - ... | Documen... | ZD Journ... | CD Player | FrontPag... | System tray: Network, Volume, Battery, 1:12 PM



My Computer



My Documents



Internet Explorer



Network Neighborhood




Recycle Bin



Online Services

Shut Down Windows [X]

 What do you want the computer to do?

- Shut down
- Restart
- Restart in MS-DOS mode

OK Cancel Help



My Computer



My Documents



Internet Explorer



Network Neighborhood



Recycle Bin



Online Services

1:12 PM

1:12 PM

Start | | | | | untitle... | Documen... | ZD Journ... | CD Player | FrontPag... | 1:12 PM



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My Documents



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