

Понятие и назначение сервисных программ

Контрольная работа

«Создание презентация в PowerPoint»

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Россошь - 2016

Сервисные программы

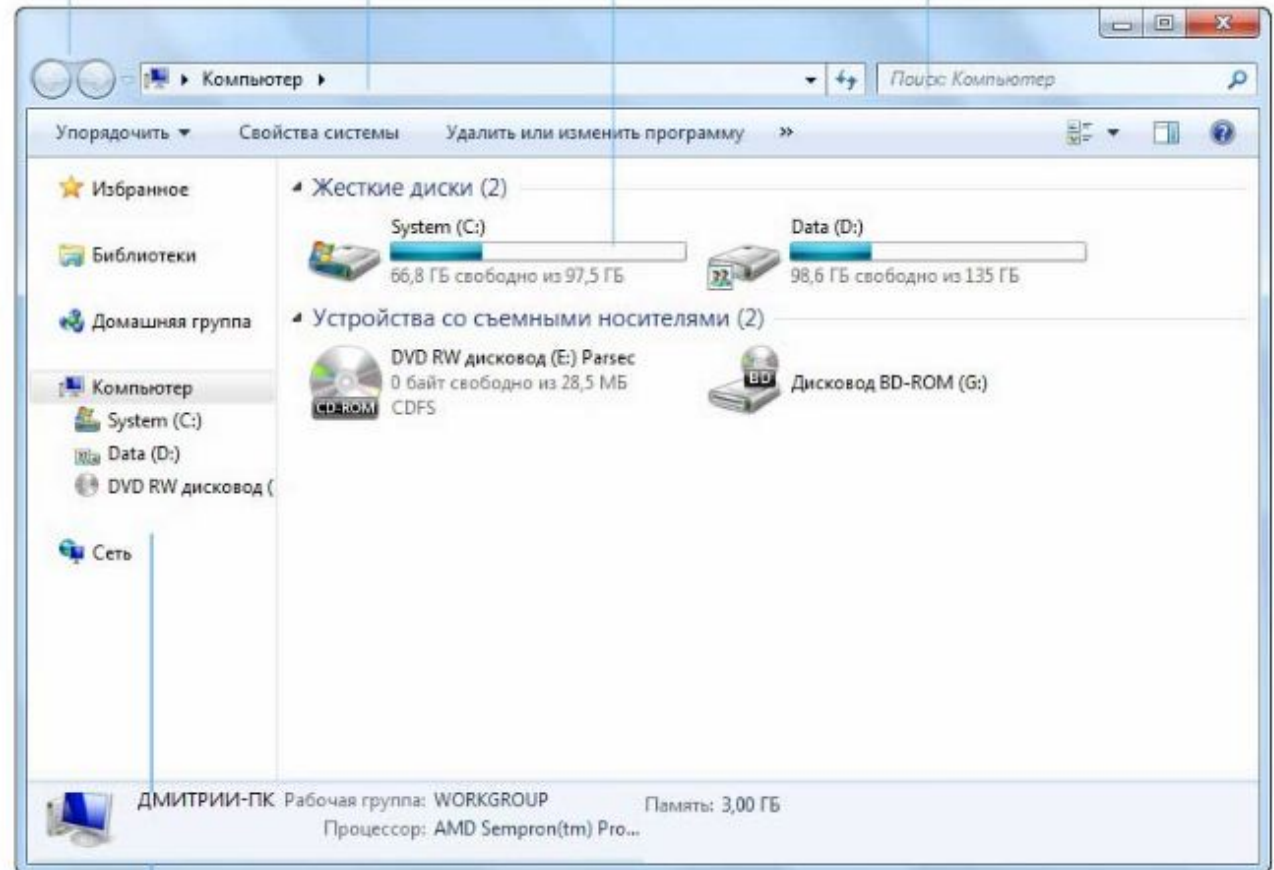
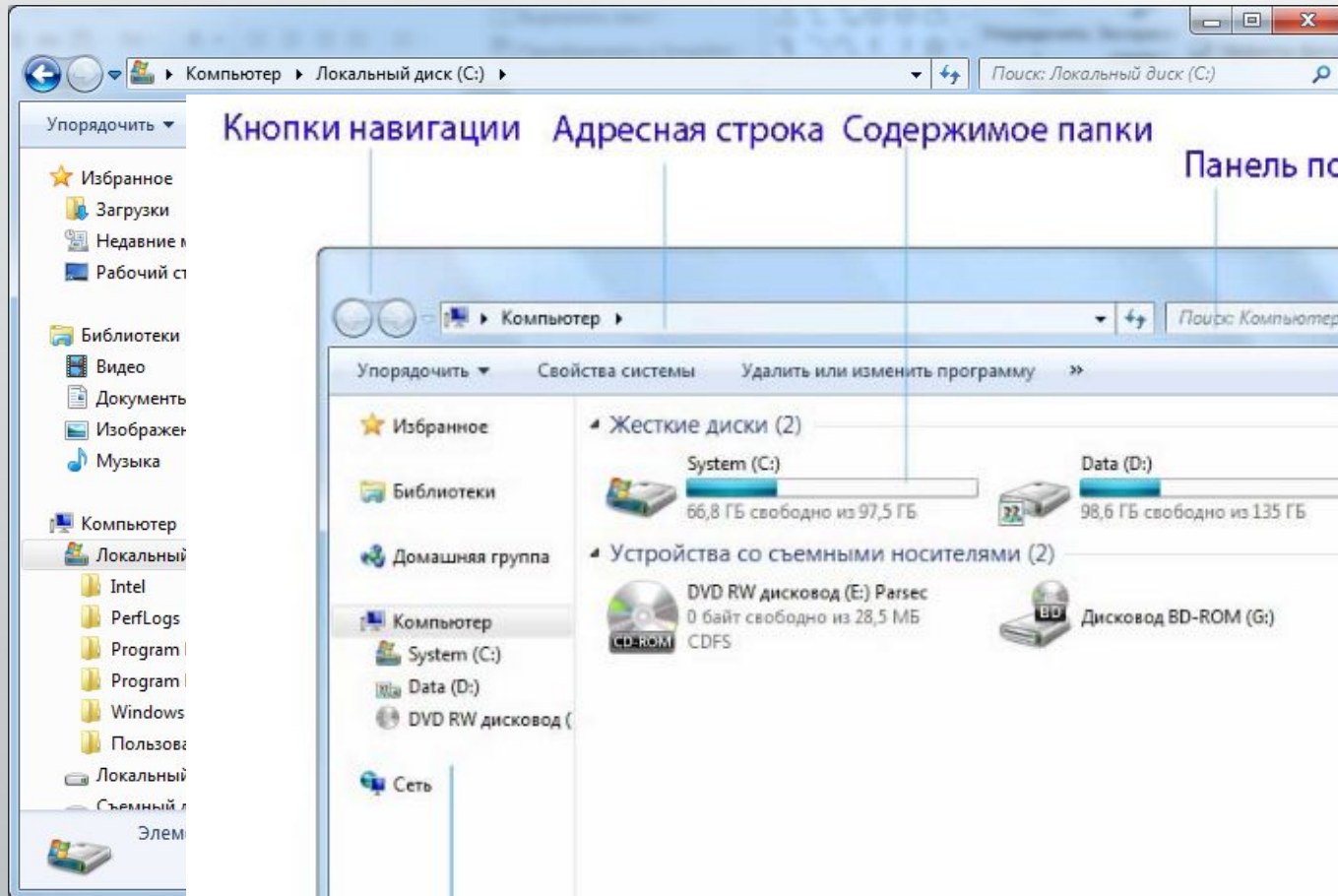
Сервисная программа (утилита, utility program) — вспомогательная программа, входящая в состав общего программного обеспечения.

Файловые менеджеры

- **Файловый менеджер** (англ. *file manager*) — компьютерная программа, предоставляющая интерфейс пользователя для работы с файловой системой и файлами

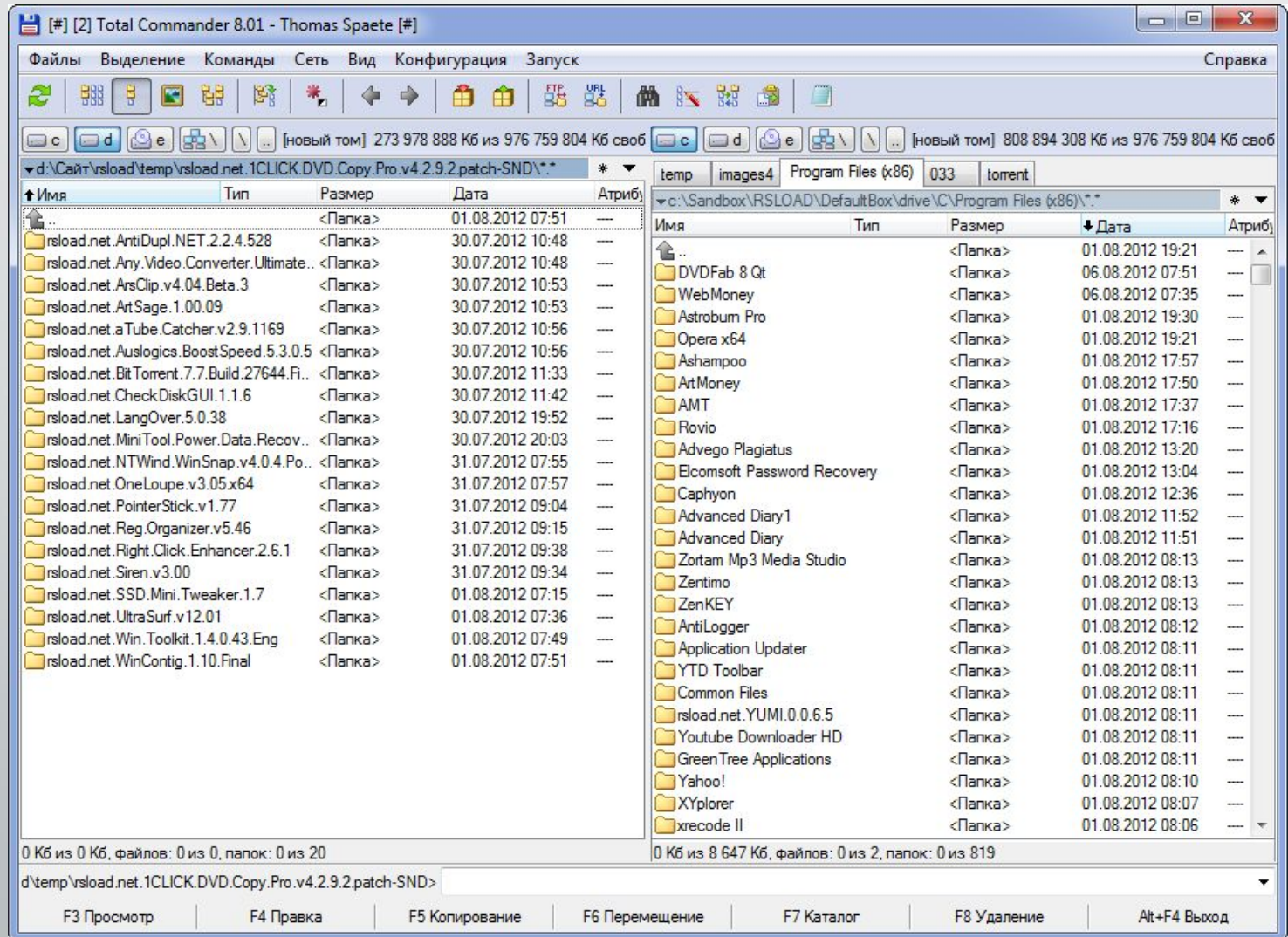


Проводник Windows



Панель навигации

TotalCommander



Far Manager

The screenshot shows the Far Manager interface with a drive selection menu open. The menu lists available drives: C: (fixed), D: (fixed), E: (CD-ROM), F: (CD-ROM), 0: (SEFP), 1: (temporary), 2: (FTP), 3: (network), and 4: (Process list). The '0: SEFP' option is currently selected. The background shows two side-by-side panels displaying file lists for the directory C:\Programfiler\Far. The left panel shows files like Register.txt, RestoreSettings.bat, tings.bat, ll.exe, and ll.log. The right panel shows files like Register.txt, RestoreSettings.bat, SaveSettings.bat, Uninstall.exe, and uninstall.log. At the bottom, a status bar shows 'Up 14.06.06 18:18' and '1,202,164 bytes in 19 files'. A command line at the bottom contains: C:\Programfiler\Far> 1Left 2Right 3View.. 4Edit.. 5Print 6MkLink 7Find 8History 9Video 10Tree

```
C:\Programfiler\Far
n      Name
..
Addons
Do
Pl
C:\
De
Fa
Fa
Fa
Fa
Fa
Fa
Fi
Li
Li
Readme.txt
register.frm
..
Up 14.06.06 18:18
1,202,164 bytes in 19 files

C:\Programfiler\Far
n      Name
..
Addons
Documentation
Plugins
ClearPluginsCache.
Description
Far.exe
Far.ico
Far.Site.txt
FarEng.hlf
FarEng.lng
FarRus.hlf
FarRus.lng
File_id.diz
License.txt
License.xUSSR.txt
Readme.txt
register.frm
..
Up 14.06.06 18:18
1,202,164 bytes in 19 files

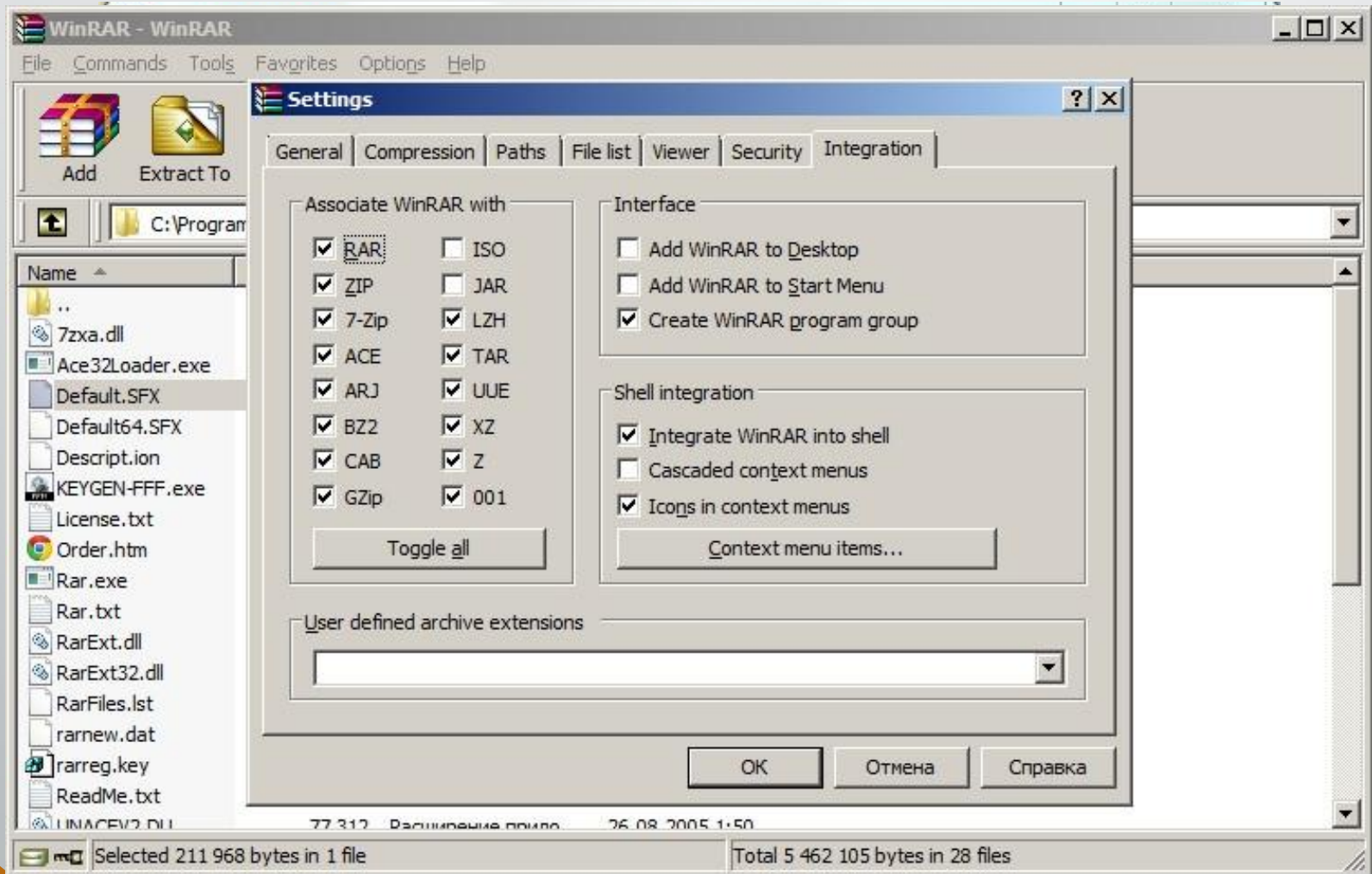
C:\Programfiler\Far>
1Left 2Right 3View.. 4Edit.. 5Print 6MkLink 7Find 8History 9Video 10Tree
```

Программы архиваторы

- **Архиватор** — это программа, осуществляющая сжатие, упаковку одного и более файлов в **архив** или серию архивов для удобства переноса или хранения, а также распаковку архивов



WinRAR



WinZIP

The screenshot displays the WinZip Pro application window titled "WinZip Pro - My Documents Archive.zip". The interface includes a menu bar with "File", "Actions", "View", "Jobs", "Options", and "Help". Below the menu is a toolbar with icons for "New", "Open", "Favorites", "Add", "Extract", "Mail", "Encrypt", "View", "CheckOut", "Wizard", and "View Style". The address bar shows the path "My Documents\". The main area is a file list table with columns for "Name", "Type", "Size", "Packed", "Ratio", and "Modified". The "My Documents" folder is expanded in the left sidebar, showing a list of files including "War and Peace.txt*", "War and Peace.doc*", "U5L4FR.WAV*", "Team Logo Design.CDR*", "Structural Design.doc*", "Small letterhead.doc*", "Sales Records.xls*", "Recipes.pdf*", "MACROHLP.KEX*", "Journal.doc*", "Budget.xls*", and "Budget.doc*". The status bar at the bottom indicates "Folder: My Documents" and "Total 16 files, 24,595KB".

Name	Type	Size	Packed	Ratio	Modified
War and Peace.txt*	Text Document	3,284,807	752,302	77%	5/21/2006
War and Peace.doc*	Microsoft Office ...	4,559,872	1,026,916	77%	6/21/2007
U5L4FR.WAV*	Wave Sound	1,547,354	1,112,033	28%	8/4/2004
Team Logo Design.CDR*	CDR File	9,944,282	670,355	93%	3/20/1998
Structural Design.doc*	Microsoft Office ...	531,222	312,168	41%	1/4/2001
Small letterhead.doc*	Microsoft Office ...	34,816	16,468	53%	9/30/1998
Sales Records.xls*	Microsoft Office E...	1,674,240	462,482	72%	9/21/2005
Recipes.pdf*	Adobe Acrobat Do...	535,411	312,577	42%	11/18/200
MACROHLP.KEX*	KEX File	11,985	3,172	74%	5/10/2005
Journal.doc*	Microsoft Office ...	151,552	28,591	81%	10/18/200
Budget.xls*	Microsoft Office E...	781,824	303,982	61%	10/26/200
Budget.doc*	Microsoft Office ...	32,256	5,386	83%	10/26/200

Тестовые программы

Работают по принципу максимальной загрузки различными операциями, эмулирующими работу пользователя за компьютером, и замеряют общую производительность системы или производительность отдельных компонентов на основе сравнения, с уже имеющейся базой данных.



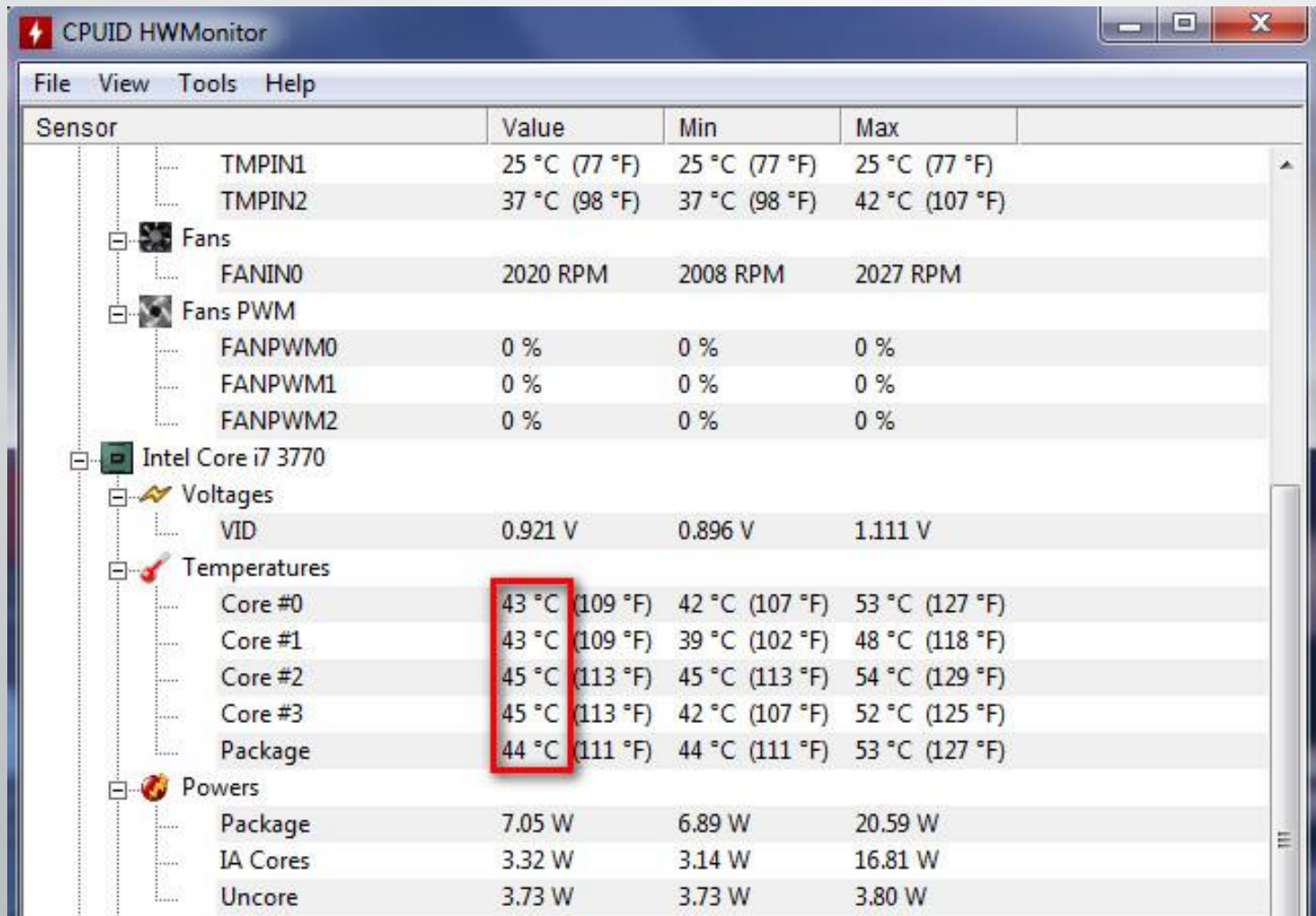
AIDA 64

The screenshot displays the AIDA64 Extreme Edition application window. The interface is divided into several sections:

- Left Panel (Tree View):** A hierarchical tree structure showing system components. The 'Sensor' folder is expanded, showing sub-items like Motherboard, Operating System, Server, Display, Multimedia, Storage, Network, and DirectX.
- Top Panel (Menu Bar):** Includes 'File', 'View', 'Report', 'Favorites', 'Tools', and 'Help'. A 'Report' button is visible in the toolbar.
- Main Content Area:** A table with two columns: 'Field' and 'Value'. It lists various system metrics and sensor data.
- Bottom Panel (Taskbar):** Shows running applications like Windows Mail, Windows Media Player, Windows Messenger, MSN Messenger, and Internet Information Services (IIS). The system tray at the bottom right displays system statistics: 'BDLL: 2.7.345-x32, CPU: 2004 MHz, TSC: 2004 MHz, T: 13.85 sec, C: 16.0333'.

Field	Value
Sensor Properties	
Sensor Type	ITE IT8720F (ISA 228h)
GPU Sensor Type	Analog Devices ADT7473 (NV-I2C 2Eh)
Motherboard Name	Gigabyte 870A-UD3 / 880G-UD3H / 880GA...
Chassis Intrusion Detected	Yes
Temperatures	
Motherboard	41 °C (106 °F)
CPU	32 °C (90 °F)
CPU Diode	29 °C (84 °F)
GPU	43 °C (109 °F)
GPU Diode	41 °C (106 °F)
GPU Memory	39 °C (102 °F)
GPU Ambient	33 °C (91 °F)
DIMM1	34 °C (93 °F)
DIMM2	35 °C (95 °F)
Seagate ST31000528AS	35 °C (95 °F)

HWMonitor



The screenshot shows the CPUID HWMonitor application window. The title bar reads "CPUID HWMonitor". The menu bar includes "File", "View", "Tools", and "Help". The main content area is a table with columns for "Sensor", "Value", "Min", and "Max". The table is organized into expandable categories: Fans, Fans PWM, Intel Core i7 3770 (which includes Voltages and Temperatures), and Powers. The "Temperatures" section is expanded, showing data for Core #0, Core #1, Core #2, Core #3, and Package. The "Core #0" row is highlighted with a red box, showing a current temperature of 43 °C (109 °F).

Sensor	Value	Min	Max
TMPIN1	25 °C (77 °F)	25 °C (77 °F)	25 °C (77 °F)
TMPIN2	37 °C (98 °F)	37 °C (98 °F)	42 °C (107 °F)
Fans			
FANIN0	2020 RPM	2008 RPM	2027 RPM
Fans PWM			
FANPWM0	0 %	0 %	0 %
FANPWM1	0 %	0 %	0 %
FANPWM2	0 %	0 %	0 %
Intel Core i7 3770			
Voltages			
VID	0.921 V	0.896 V	1.111 V
Temperatures			
Core #0	43 °C (109 °F)	42 °C (107 °F)	53 °C (127 °F)
Core #1	43 °C (109 °F)	39 °C (102 °F)	48 °C (118 °F)
Core #2	45 °C (113 °F)	45 °C (113 °F)	54 °C (129 °F)
Core #3	45 °C (113 °F)	42 °C (107 °F)	52 °C (125 °F)
Package	44 °C (111 °F)	44 °C (111 °F)	53 °C (127 °F)
Powers			
Package	7.05 W	6.89 W	20.59 W
IA Cores	3.32 W	3.14 W	16.81 W
Uncore	3.73 W	3.73 W	3.80 W

SpeedFan

The screenshot shows the SpeedFan 4.47 application window. The title bar reads "SpeedFan 4.47". The interface includes several tabs: "Показатели", "Частоты", "Информация", "Экзотика", "S.M.A.R.T.", and "Графики". The "Информация" tab is active, displaying the following text: "Found ST2000DM001-9YN164 on AdvSMART", "Found Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz", and "End of detection". To the right of this text are buttons for "Свернуть" and "Конфигурация", and a checkbox for "Автоскорость вентиляторов" which is currently unchecked. Below the information is a "Загрузка ЦП" (CPU Load) section with a progress bar and the value "10,1%". The main monitoring area is divided into two columns. The left column lists fan speeds: "Sys Fan: 1118 RPM", "CPU0 Fan: 2935 RPM", "Aux0 Fan: 0 RPM", "CPU1 Fan: 0 RPM", "Aux1 Fan: 1118 RPM", and "PWR Fan: 0 RPM". The right column lists temperatures: "System: 45C", "CPU: 29C", "AUX: 47C", "Temp: 1C", "HD1: 30C", "HD0: 33C", "Core 0: 34C", "Core 1: 34C", and "Core 2: 25C". Below these are four PWM control sliders, all set to 100%: "Pwm1: 100 %", "Pwm2: 100 %", "Pwm3: 100 %", and "Pwm4: 100 %". At the bottom, a section displays voltage levels: "Vcore: 1,14V", "+12V: 11,35V", and "AVcc: 3,31V". The footer of the application window reads: "Автор: Alfredo Milani Comparetti, 2000-2012, alfredo@almico.com".

FurMark



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