

# Понятие и назначение сервисных программ

Контрольная работа

«Создание презентация в PowerPoint»

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# Сервисные программы

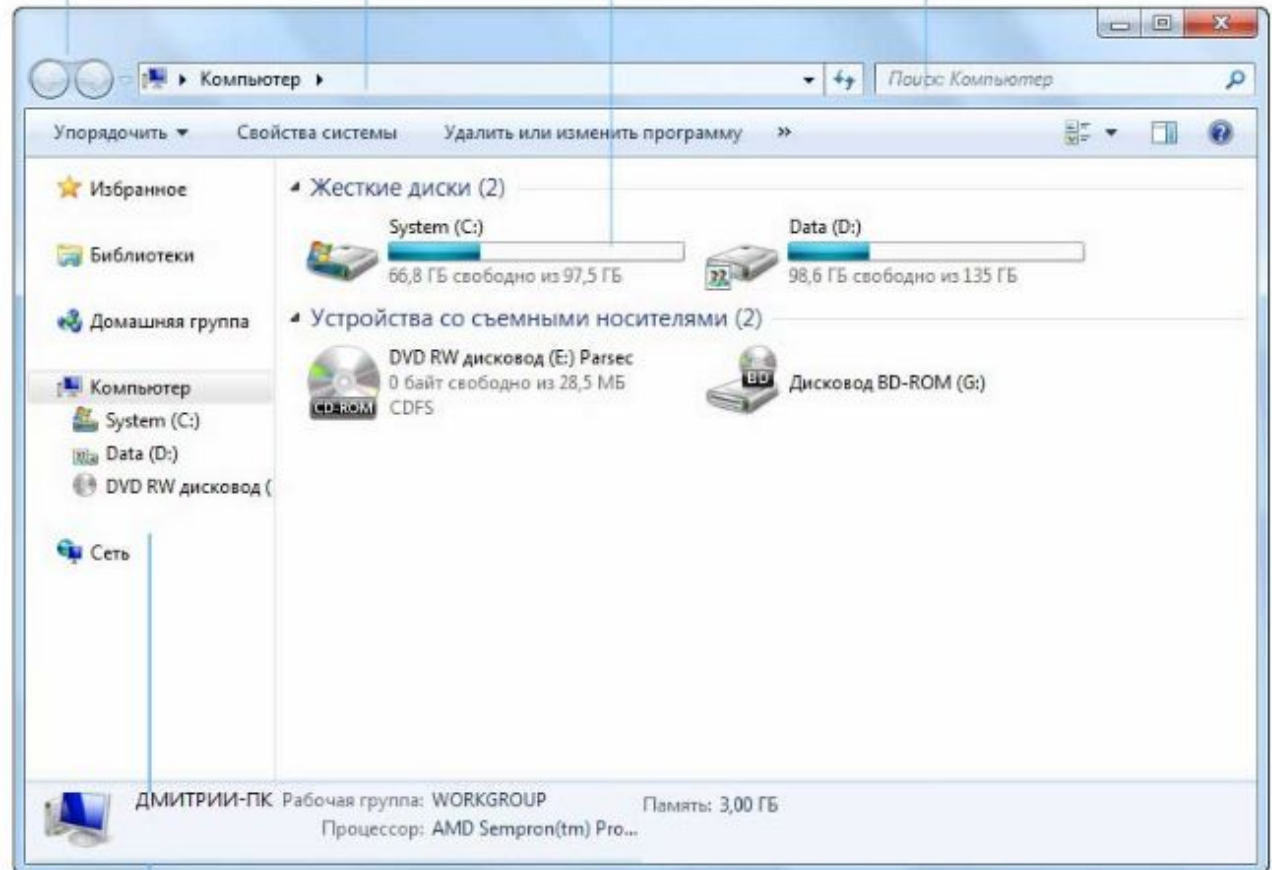
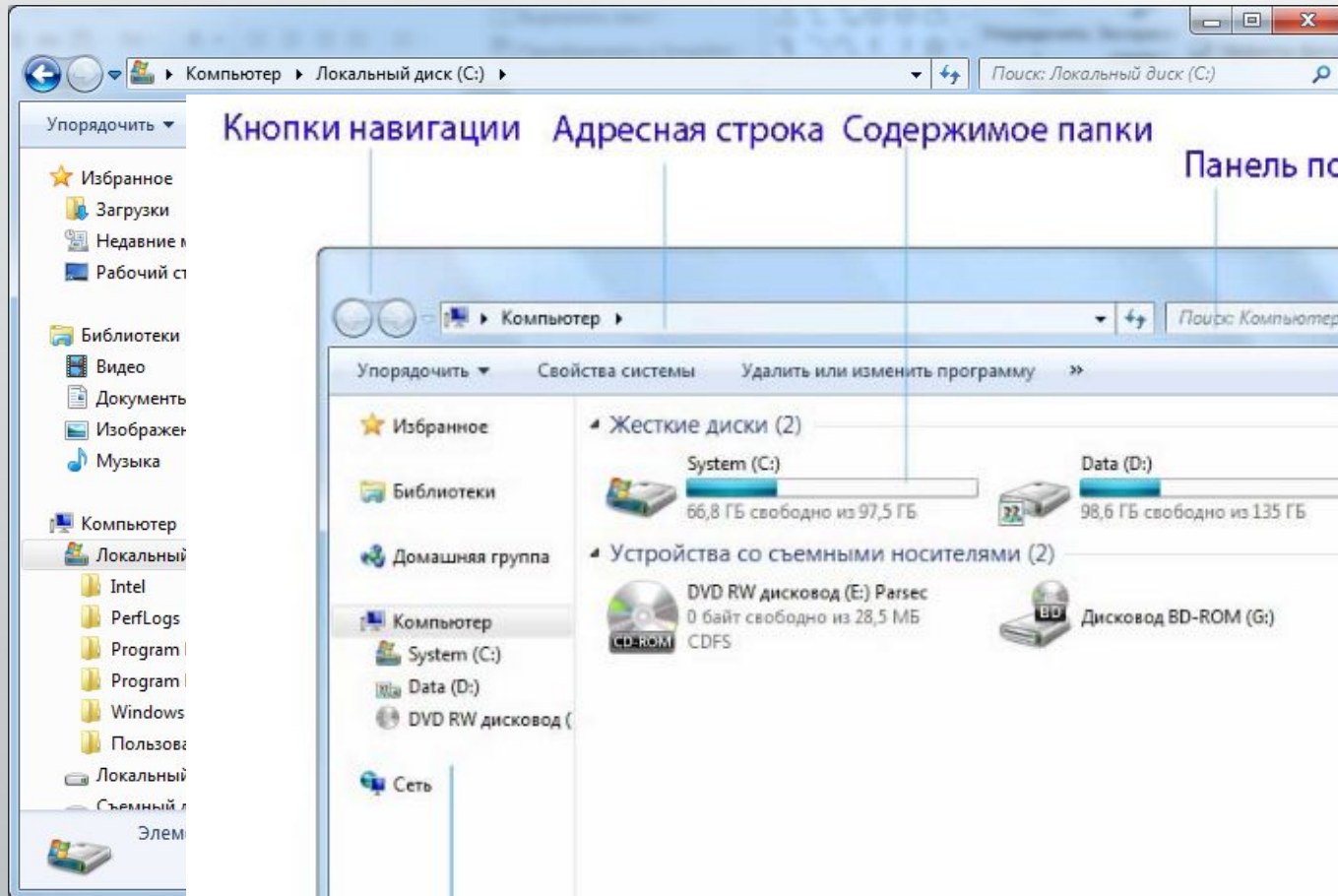
**Сервисная программа** (утилита, utility program) — вспомогательная программа, входящая в состав общего программного обеспечения.

# Файловые менеджеры

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

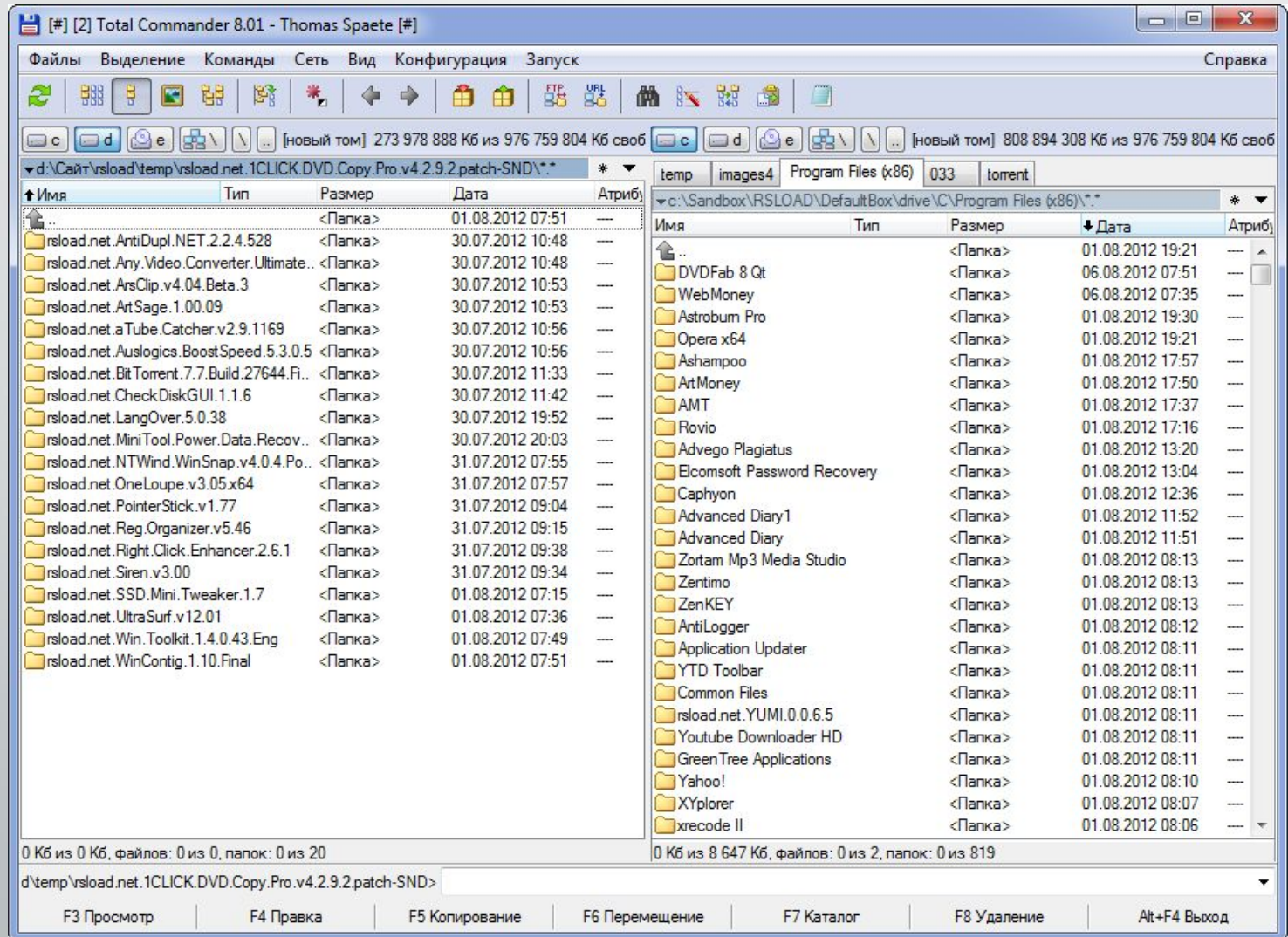


# Проводник Windows



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 panels displaying the file structure of 'C:\Programfiler\Far', including folders like Addons, Documentation, and Plugins, and files like Register.txt, Far.exe, and various configuration files. The status bar at the bottom shows '1,202,164 bytes in 19 files' and a menu with options like Left, Right, View, Edit, Print, MkLink, Find, History, Video, and Tree.

```
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

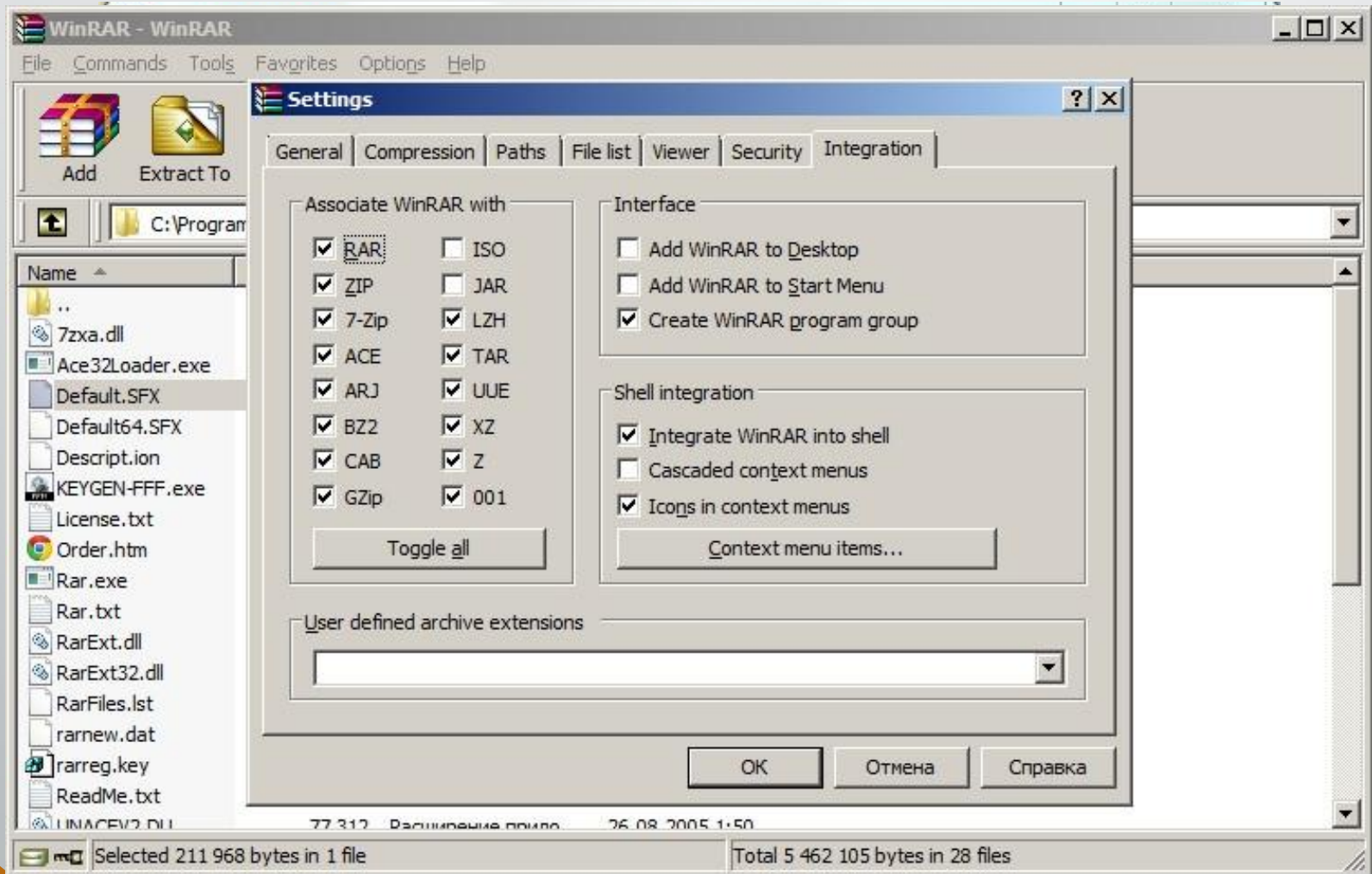
C:\Programfiler\Far>
1Left 2Right 3View.. 4Edit.. 5Print 6MkLink 7Find 8History 9Video 10Tree
```

# 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 (File, Actions, View, Jobs, Options, Help) and 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 table listing files within the archive, with columns for Name, Type, Size, Packed, Ratio, and Modified. The status bar at the bottom indicates "Folder: My Documents" and "Total 16 files, 24,595KB".

Folders	Name	Type	Size	Packed	Ratio	Modified
[My Documents Archive.zip]	War and Peace.txt*	Text Document	3,284,807	752,302	77%	5/21/2006
Downloads	War and Peace.doc*	Microsoft Office ...	4,559,872	1,026,916	77%	6/21/2007
My Documents	U5L4FR.WAV*	Wave Sound	1,547,354	1,112,033	28%	8/4/2004
My Music	Team Logo Design.CDR*	CDR File	9,944,282	670,355	93%	3/20/1998
My Pictures	Structural Design.doc*	Microsoft Office ...	531,222	312,168	41%	1/4/2001
Quarterly Reports	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

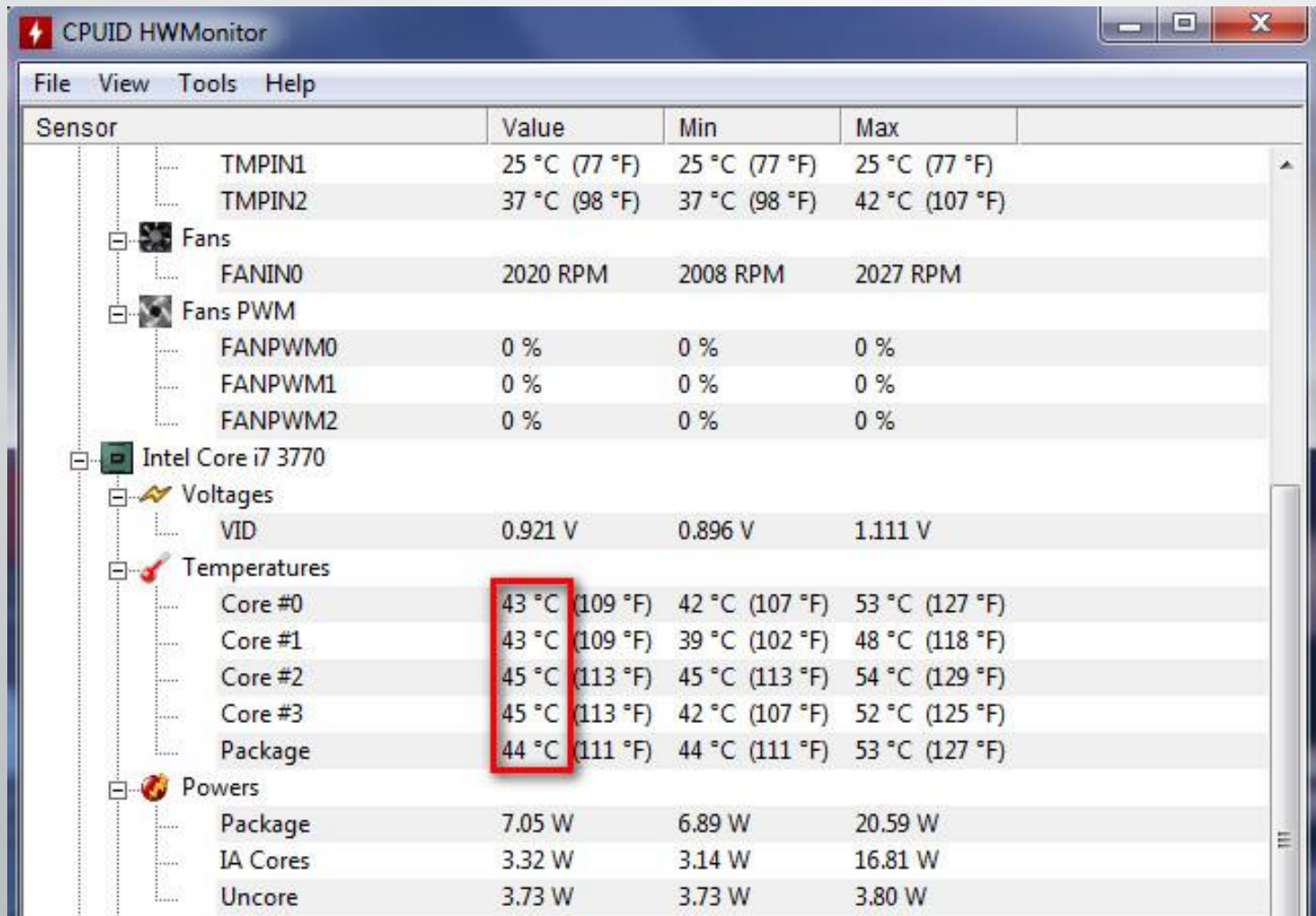
The screenshot displays the AIDA64 Extreme Edition application window. The interface is divided into several sections:

- Left Panel (Tree View):** A hierarchical tree 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):** 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 properties and sensor readings.
- 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
<b>Sensor Properties</b>	
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
<b>Temperatures</b>	
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 several expandable categories: "Fans", "Fans PWM", "Intel Core i7 3770", "Voltages", "Temperatures", and "Powers". The "Temperatures" section is expanded, showing data for four cores and the package. The "Core #0" row is highlighted with a red box, indicating its 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)
<b>Fans</b>			
FANIN0	2020 RPM	2008 RPM	2027 RPM
<b>Fans PWM</b>			
FANPWM0	0 %	0 %	0 %
FANPWM1	0 %	0 %	0 %
FANPWM2	0 %	0 %	0 %
<b>Intel Core i7 3770</b>			
<b>Voltages</b>			
VID	0.921 V	0.896 V	1.111 V
<b>Temperatures</b>			
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)
<b>Powers</b>			
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". Below the information is a "Загрузка ЦП" (CPU Load) section with a progress bar and a value of 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%. The bottom section displays voltage readings: "Vcore: 1,14V", "+12V: 11,35V", and "AVcc: 3,31V". At the very bottom, the author's information is provided: "Автор: Alfredo Milani Comparetti, 2000-2012, alfredo@almico.com".

SpeedFan 4.47

Показатели | Частоты | Информация | Экзотика | S.M.A.R.T. | Графики

Found ST2000DM001-9YN164 on AdvSMART  
Found Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz  
End of detection

Свернуть  
Конфигурация  
 Автоскорость вентиляторов

Загрузка ЦП 10,1%

Sys Fan: 1118 RPM  
CPU0 Fan: 2935 RPM  
Aux0 Fan: 0 RPM  
CPU1 Fan: 0 RPM  
Aux1 Fan: 1118 RPM  
PWR Fan: 0 RPM

System: 45C  
CPU: 29C  
AUX: 47C  
Temp: 1C  
HD1: 30C  
HD0: 33C  
Core 0: 34C  
Core 1: 34C  
Core 2: 25C

Pwm1: 100 %  
Pwm2: 100 %  
Pwm3: 100 %  
Pwm4: 100 %

Vcore: 1,14V  
+12V: 11,35V  
AVcc: 3,31V

Автор: Alfredo Milani Comparetti, 2000-2012, alfredo@almico.com



# FurMark



# Основные разделы

- Сервисные программы
- Файловые менеджеры
  - Проводник Windows
  - TotalCommander
  - Far Manager
- Программы архиваторы
  - WinRAR
  - WinZIP
- Тестовые программы
  - AIDA 64
  - HWMonitor
  - SpeedFan