

Экспресс-тест десктопных возможностей BSD дистрибутивов

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Сокращённый список требований к десктоп-системе

- лёгкость в использовании
- лёгкость в установке
- наличие качественной локализации
- работа на ПК, типичных для офисов
- стандартный и “милый глазу” внешний вид
- наличие необходимого для офисной работы инструмента
- интеграция с Linux и Windows серверами
- наличие стандартных программ для работы в Internet

Задачи для экспресс-теста

- загрузиться в режиме LiveCD (если возможно)
- установить систему
- подключиться к интернету
- доустановить недостающие программы
- воспроизвести online-video
- подключиться к ресурсу SAMBA
- воспроизвести видео из файла
- сделать скриншот

Дистрибутивы

---FreeBSD 9.X based:

- PC-BSD
- GhostBSD
- VirtualBSD

---FreeBSD 8.X based:

- PУC-BSD
- Frenzy

---FreeBSD 7.X based:

- TrueBSD
- DesktopBSD

---FreeBSD 4.X based:

- DragonFlyBSD

---NetBSD 5.X based:

- Jibbed 5.1

---OpenBSD 5.X based:

- Fugulta

Frenzy

The screenshot displays the Frenzy LiveCD desktop environment, which is based on FreeBSD and uses Mozilla Firefox. The desktop features a red background with several icons: a play button, XMMS, and a terminal window. The terminal window shows the command 'last pid: 3'. The web browser window displays the Frenzy website (http://frenzy.org.ua/) with a yellow banner and navigation links in Russian and Ukrainian. The network capture tool (tcpdump) shows a list of captured packets, including a broadcast ARP request. The video player (MPlayer) is playing a video of a man speaking, with a timestamp of 00:24:36:10. The system status bar at the bottom shows the system is up for 0h 45m 33s, with a load of 0.34, 0.29, 0.25. The CPU usage is 10%, RAM is 468MiB/1.42GiB (32%), and Swap is 0B/1.50GiB (0%). The process list shows 143 processes running.

Terminal

```
last pid: 3
```

Web Browser (Mozilla Firefox)

File Edit View History Bookmarks Tools Help

http://frenzy.org.ua/

Most Visited Getting Started Latest Headlines

Gmail - Вхо... Веб-альбо... Frenzy - Liv... Смерть шп...

русский українська english francais polski

новости релизы документы
скачать контакты ссылки форум

Network Capture (tcpdump)

No.	Time	Source	Destination	Protocol	Length	Info
2401	347.039643	74.125.79.113	192.168.3.62	TCP	537	74.125.79.113:537 -> 192.168.3.62:537
2402	347.042240	74.125.79.113	192.168.3.62	TCP	537	74.125.79.113:537 -> 192.168.3.62:537
2403	347.042310	192.168.3.62	74.125.79.113	TCP	537	192.168.3.62:537 -> 74.125.79.113:537
2404	347.044881	74.125.79.113	192.168.3.62	TCP	537	74.125.79.113:537 -> 192.168.3.62:537
2405	347.044988	192.168.3.62	74.125.79.113	TCP	537	192.168.3.62:537 -> 74.125.79.113:537
2406	347.047390	74.125.79.113	192.168.3.62	HTTP	1024	74.125.79.113:537 -> 192.168.3.62:537
2407	347.147117	192.168.3.62	74.125.79.113	TCP	537	192.168.3.62:537 -> 74.125.79.113:537
2408	347.999390	AsustekC_dc:cb:62	Spanning-tree-(for-br	STP	Cor	Spanning-tree-(for-br
2409	349.999440	AsustekC_dc:cb:62	Spanning-tree-(for-br	STP	Cor	Spanning-tree-(for-br

System Status

UP: 0h 45m 33s Load: 0.34 0.29 0.25
CPU: 10%
RAM: 468MiB/1.42GiB - 32%
Swap: 0B / 1.50GiB - 0%
PROC: 143 RUN: 2

FreeBSD

The world's most horny UNIX-like operation system

06.02.2012 20:52

РУС-BSD

Командний рядок - Konsole

Сеанс Редагування Вид Закладки Параметри Довідка

```
last pid: 7961; load averages: 0.49, 0.67, 0.56 up
106 processes: 3 running, 103 sleeping
CPU: 19.9% user, 0.0% nice, 6.0% system, 0.4% interrupt,
Mem: 284M Active, 844M Inact, 183M Wired, 140K Cache, 112M
Swap: 1536M Total, 1536M Free

```

PID	USERNAME	THR	PRI	NICE	SIZE	RES	STATE	TIME
1812	root	1	58	0	317M	302M	select	8:15
3776	dima	1	45	0	29904K	24792K	select	1:35
6298	dima	8	44	0	75200K	46040K	ucond	1:18
2074	dima	13	44	0	176M	151M	ucond	2:41
3778	dima	1	44	0	3652K	1912K	select	0:43
2004	dima	1	44	0	31440K	25392K	select	0:33
3708	dima	1	44	0	148M	32584K	select	0:32
1957	dima	1	45	0	39616K	31404K	select	0:31
1994	dima	1	44	0	46968K	39776K	select	0:26
1969	dima	1	44	0	38804K	32288K	select	0:12
1817	haldaemon	2	60	0	10620K	5264K	pipe	0:11
3890	dima	1	44	0	35392K	29424K	select	0:07
1965	dima	1	44	0	32660K	25608K	select	0:06
4313	dima	1	44	0	32248K	25856K	select	0:05
1967	dima	1	44	0	36148K	30828K	select	0:04
1985	dima	1	60	r16F	22376K	10976K	select	0:03
6852	dima	1	44	0	34824K	27344K	select	0:02
1573	root	1	44	0	3452K	1144K	select	0:02

О проекте | РУС-BSD - Mozilla Firefox

Файл Правка Вид Журнал Закладки Инструменты Справка

http://www.rusbsd.org/about

Яндекс Я Найти

О проекте | РУ... BangorWiki | M... OpenNews: Пр... yande

РУС-BSD

Главная О про

Главная

Навигация

- О проекте
- Команда
- Поддержать проект

О проекте

Пт, 03/09/2010 - 12:47 — MelkorBSD

Рано или поздно многие пользуют
"операционная система по-умолчан

http://www.rusbsd.org/

Командний рядок Командний рядок № 2

Physical Memory

1.25e+06
1e+06
750000
500000
250000
0

0.2
0
1
0.8
0.6
0.4
0.2
0

Вікно програв

00:25:55:16

revolution_os_v01_mpeg

Пуск

system:/home/Videos - О проекте | РУС-BSD revolution_os_v01_mpeg

Зображення PNG - 1024 Завантаження сист Командний рядок - Kon

12:36 06.02.2012

VirtualBSD

VirtualBSD [Работает] - Oracle VM VirtualBox

Applications | Firefox (2) | Терминал

Домашний ...

Файловая ...

Терминал

```
last pid: 1771; load averages: 1.09, 0.77, 0.77
79 processes: 2 running, 77 sleeping
CPU: 16.8% user, 0.0% nice, 66.4% system, 16.8% idle
Mem: 169M Active, 274M Inact, 121M Wired, 20K Buffers
Swap: 4096M Total, 4096M Free
```

PID	USERNAME	THR	PRI	NICE	SIZE	RES
1606	virtualbsd	1	85	0	204M	45760K
1771	virtualbsd	1	22	0	204M	45760K
1770	virtualbsd	1	23	0	204M	45760K
1330	root	1	25	0	101M	93064K
1596	virtualbsd	2	20	0	71504K	37496K
1571	virtualbsd	24	24	0	234M	181M
1466	virtualbsd	1	21	0	30664K	15096K
1472	virtualbsd	1	20	0	51956K	24416K
1595	virtualbsd	1	20	0	9944K	2028K
1590	virtualbsd	2	52	0	47544K	21360K
1468	virtualbsd	2	30	0	49888K	20600K
1482	virtualbsd	1	22	0	15552K	7060K
1488	virtualbsd	2	20	0	92300K	6636K
1323	root	1	20	0	10148K	1776K
1494	virtualbsd	1	20	0	12028K	2808K
1284	haldaemon	2	28	0	19184K	5736K
1501	virtualbsd	1	20	0	25904K	11272K

FAQ | VirtualBSD 9.0 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

VirtualBSD 9.0

www.virtualbsd.info/faq.html

VirtualBSD My Bookmarks Save Bookmark Readability Evernote

VirtualBSD 9.0

The simplest way to experience a desktop ready FreeBSD

Introduction FAQ Download Screenshots How-Tos Virtu

www.youtube.com/watch?v=1Q6t9t9t9t9

VirtualBSD My Bookmarks Save Bookmark Readability Evernote

BOUNTY HUNTER
boba fett

Boba Fett is a character from the Star Wars franchise, a former bounty hunter who was once a Jedi Knight. He is known for his distinctive armor and his role in the Clone Wars and the Rebel Alliance.

Боба Фетт является персонажем из вселенной Звездных Войн, бывшим охотником за головами, который когда-то был рыцарем-джедаем. Он известен своей характерной броней и ролью в Войнах Клониров и Союзе Повстанцев.

Правый Ctrl

PC-BSD

The screenshot displays a PC-BSD desktop environment. A terminal window titled 'dima : top' is open, showing system statistics and a list of running processes. The system statistics include: last pid: 15291; load averages: 1.93, 1.06, 0.6 up 0+00:56:53 01:43:03; 138 processes: 3 running, 135 sleeping; CPU: 37.8% user, 0.0% nice, 3.7% system, 1.0% interrupt, 57.5% idle; Mem: 657M Active, 959M Inact, 305M Wired, 29M Cache, 112M Buf, 30M Free; Swap: 2000M Total, 2896K Used, 1997M Free.

The terminal window also displays a table of running processes:

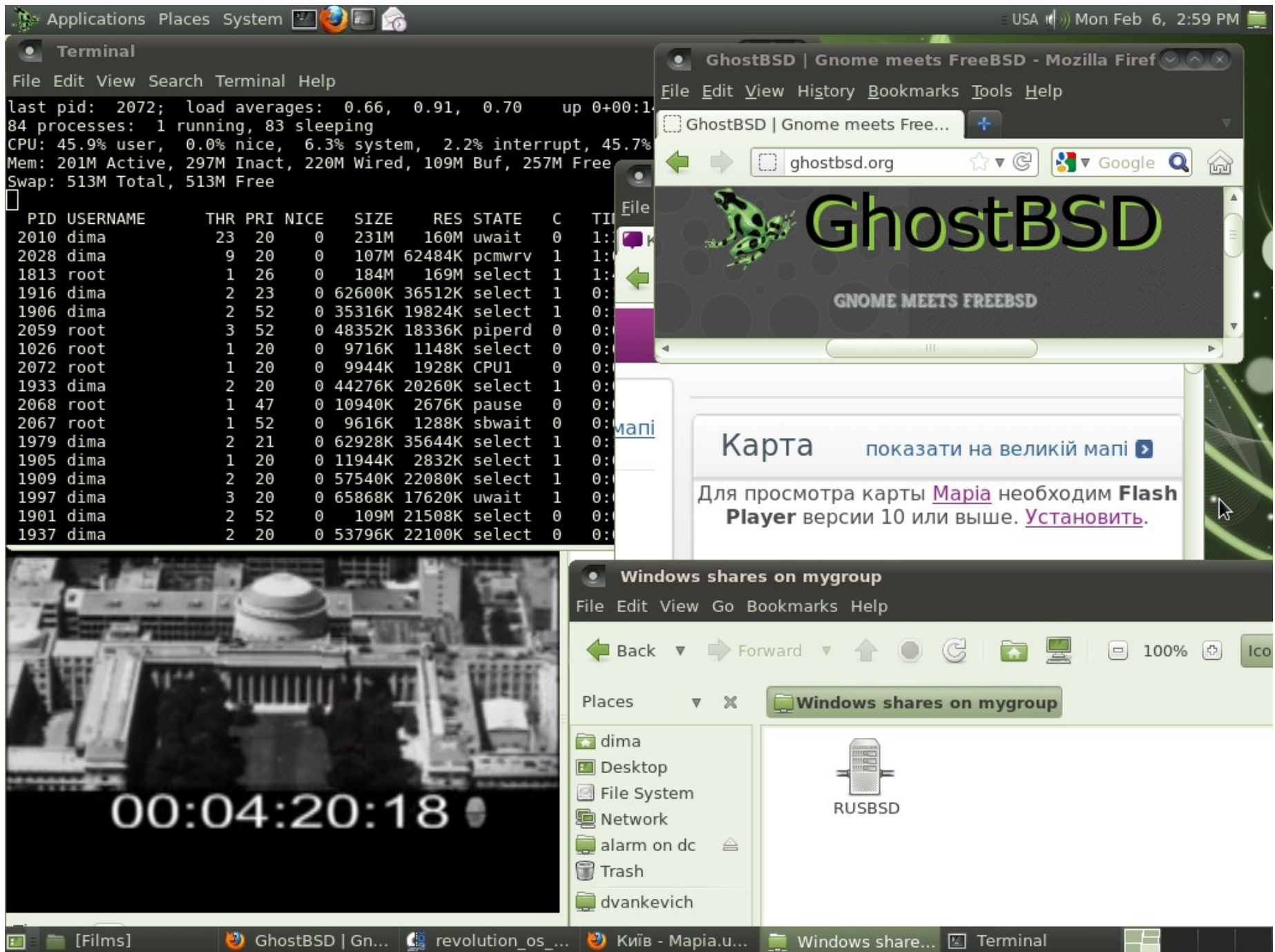
PID	USERNAME	THR	PRI	NICE	SIZE	RES	STATE	C	TIME	WCPU	COMMAN
2844	root	1	-21	r31	444M	367M	select	1	7:57	35.69%	Xorg
5999	dima	1	32	0	338M	61692K	RUN	1	0:53	15.58%	npview
4949	dima	1	24	0	829M	49988K	futex	0	3:22	5.86%	skype
14713	dima	1	23	0	338M	61692K	CPU1	1	0:14	5.08%	npview
15230	dima	1	22	0	338M	61692K	futex	1	0:01	4.98%	npview
15229	dima	1	22	0	338M	61692K	futex	1	0:01	4.30%	npview
14737	dima	1	21	0	338M	61692K	pcmwr	0	0:05	1.86%	npview
15263	dima	1	33	0	493M	16848K	nanslp	0	0:00	1.66%	xfce4-
3736	dima	1	20	0	829M	49988K	futex	1	0:35	0.68%	skype

In the background, a Firefox browser window displays the PC-BSD website, which features the PC-BSD logo and a search bar. Another window shows a video player with a scene from a movie. The desktop also includes a sidebar with various application icons and a taskbar at the bottom with icons for remote, Dolphin, Firefox, and Skype.

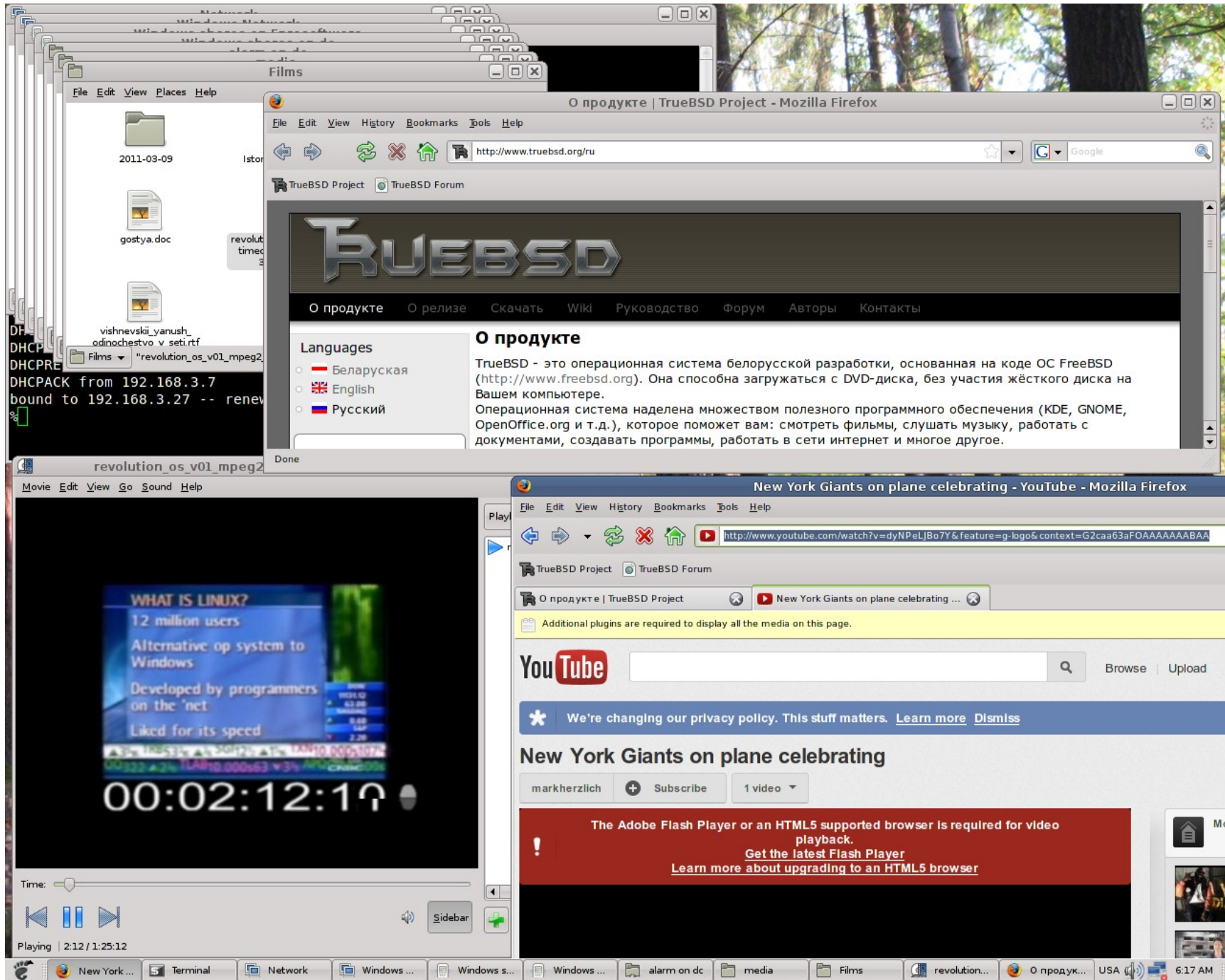
Push-Button Installer



GhostBSD



TrueBSD



DesktopBSD

The screenshot displays the DesktopBSD desktop environment. On the left, a vertical sidebar contains icons for 'Документация' (Documentation), 'Домой' (Home), 'Корзина' (Trash), 'Первые шаги' (First Steps), 'Программное Обеспечение (ПО)' (Software), and 'Сетевое окружение' (Network Environment). The main desktop area features a Firefox browser window titled 'DesktopBSD: Home - Mozilla Firefox' displaying the DesktopBSD website. A KMix audio mixer window is open, showing sliders for 'Громкость' (Volume), 'PCM', 'Уровень записи' (Recording Level), and 'OGain'. A KDE system monitor window is also visible, showing graphs for CPU Load, Load Average (1 min), Physical Memory, and Swap Memory. In the bottom left, a video player window titled 'revolution_os_v01' is playing a video titled 'WHAT IS LINUX?'. The taskbar at the bottom includes icons for KMix, DesktopBSD: Home - Mozilla Firefox, and revolution_os_v01_mpeg2, along with system status icons and the time 07:55.

DesktopBSD: Home - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.desktopbsd.net/

Most Visited Getting Started Latest Headlines

DesktopBSD: Home

DesktopBSD

Welcome to DesktopBSD!

DesktopBSD aims at being a stable and powerful operating system for desktop users. DesktopBSD combines the stability of **FreeBSD**, the usability and functionality of **KDE** and the simplicity of specially developed software to provide a system that's easy to use and install.

News

30-05-10 19:57
Advancement of the DesktopBSD project
Since the 5/20/2010 the development was taken up by DesktopBSD by a small German developer group

Системный монитор KDE

Справка

тема Таблица процессов

CPU Load

Load Average (1 min)

Physical Memory

Swap Memory

WHAT IS LINUX?
12 million users
Alternative op system to Windows
Developed by programmers on the 'net
Liked for its speed

00:02:12:13

revolution_os_v01_mpeg2_timecode_wide_9mbps_32 1.00x 02:12/1:25:04

KMix

smb://it01@dc/ALARM/med Система - Системный

DesktopBSD: Home - Mozil revolution_os_v01_mpeg2

07:55

2

DragonFly BSD

DragonFlyBSD: DragonFly BSD - Browser

File Edit View History Bookmarks Tools Help

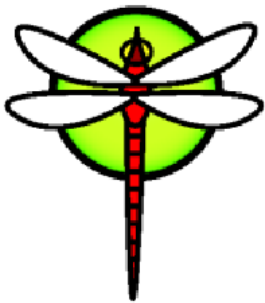
http://www.dragonflybsd.org/ on dragonfly

Most Visited Getting Started Latest Headlines DragonFlyBSD: en... DragonFlyBSD: Dr...

KRF Wiki | Main / DragonFlyBSD DragonFlyBSD: HowToKde DragonFlyBSD: environmentq... DragonFlyBSD: DragonFly BSD

DragonFly BSD

Edit Page | RecentChanges | History | Preferences



DragonFly BSD

Ongoing DragonFly News

The [DragonFly 2.10.1 release](#) is available! This release sports significant compatibility and performance improvements and many new features! Binary packages from the 2011Q1 release of pkgsrc are available.

i386: [CD](#) | [USB](#) | [GUI](#)

Done

xterm

You have mail.
/usr/pkg/bin/scrot -d 5 -q 100 -c 10dragonfly-01
Taking shot in 5.. 4.. 3.. 2.. 1.. 0.
gliblib error: Saving to file 10dragonfly-01 failed

/usr/pkg/bin/scrot -d 5 -q 100 -c 10dragonfly-01.png
Taking shot in 5.. 4.. 3.. 2.. 1.. 0.
pwd
/root
ls
.Xauthority .idskrc .vimrc
.Xresources .idsktop .xinitrc
.Xresources.orig .irssi .zshrc
.config .klogin 10dragonfly-01.png
.cshrc .login Desktop
.fluxbox .mozilla installDragonFly.sh
.fvwm .profile qqq
.history .vim
/usr/pkg/bin/scrot -d 5 -q 100 -c 10dragonfly-01.png
Taking shot in 5.. 4.. 3.. 2.. 1.. 0.

DragonFlyBSD: DragonFly
xterm
xterm

Jibbed 5.1 (NetBSD)

The screenshot displays a NetBSD 5.1 desktop environment. The top bar shows the system clock at 05:24:42. The desktop is divided into several windows:

- File System - File Manager:** Shows a directory tree with folders like `live`, `Trash`, `Desktop`, and `File System`. The main pane displays a grid of folders including `bin`, `dev`, `etc`, `home`, `kern`, `lib`, `libdata`, and `libexec`.
- Terminal:** Displays system statistics and a process list. The statistics include load averages (0.33, 0.36, 0.31), CPU usage (38.7% user, 0.0% nice, 23.8% system, 0.4% interrupt, 37.1% idle), and memory usage (425M Act, 964K Wired, 50M Exec, 201M File, 979M Free). The process list shows various system processes and user processes.
- Hex-a-hop:** A game window showing a character on a hexagonal grid.
- Untitled1:** A text editor window showing a message about Vim being open source and freely distributable.

The terminal output includes the following statistics and process list:

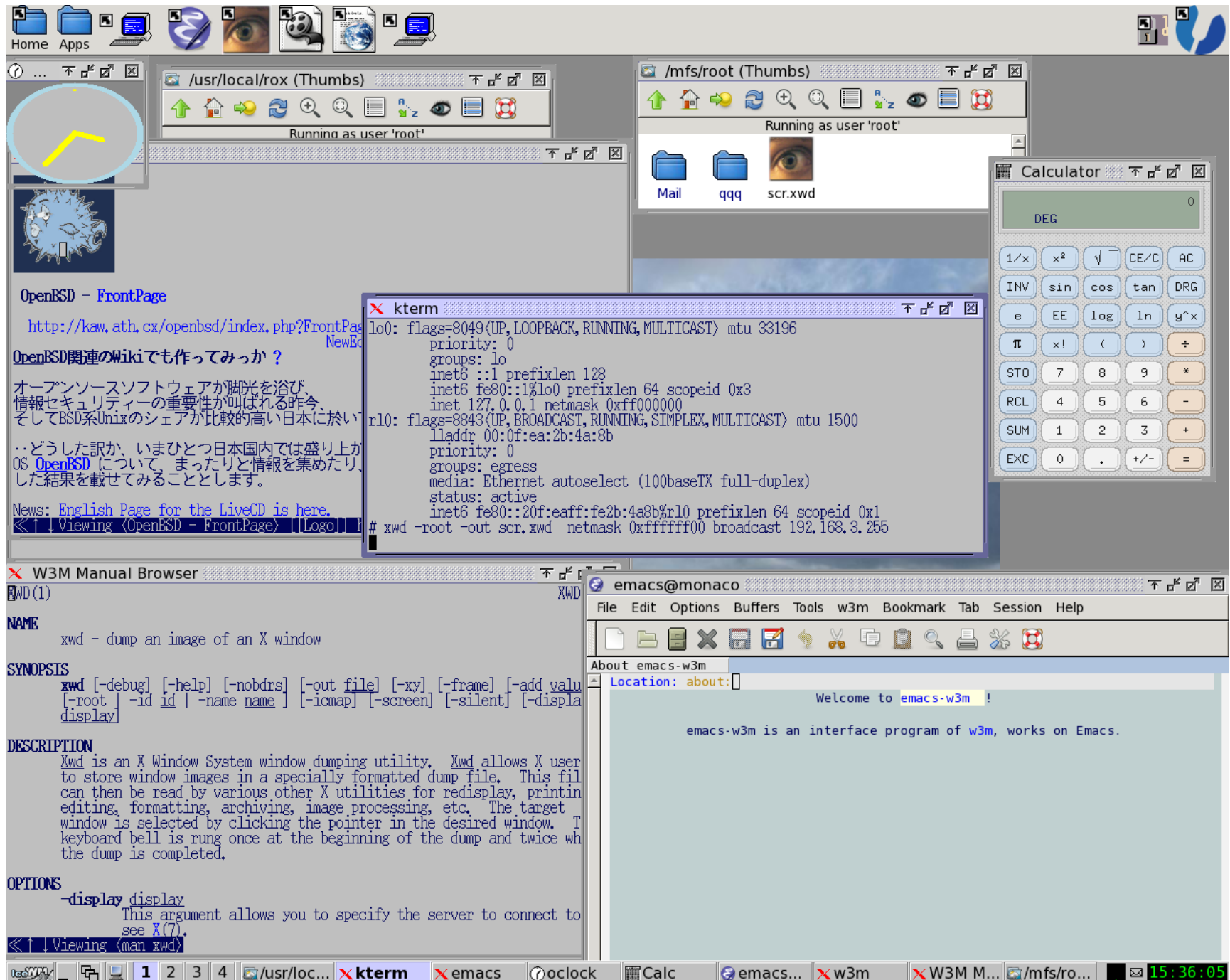
```
load averages: 0.33, 0.36, 0.31; up 0+00:15:53 05:24:42
8 processes: 47 sleeping, 1 on CPU
CPU states: 38.7% user, 0.0% nice, 23.8% system, 0.4% interrupt, 37.1% idle
Memory: 425M Act, 964K Wired, 50M Exec, 201M File, 979M Free
Swap: 0M Free
```

PID	USERNAME	PRI	NICE	SIZE	RES	STATE	TIME	WCPU	CPU	COMMAND
491	live	84	0	301M	62M	select	1:48	28.42%	28.42%	Xorg
867	live	85	0	38M	24M	nanoslp	0:27	3.86%	3.86%	hex-a-hop
527	live	85	0	72M	13M	select	0:02	0.15%	0.15%	xfce4-metacity
827	live	85	0	162M	73M	select	0:23	0.00%	0.00%	xulrunner
628	live	85	0	26M	17M	select	0:13	0.00%	0.00%	xfwm4
96	live	85	0	71M	13M	select	0:12	0.00%	0.00%	xfce4-panel
0	root	96	0	0K	53M	vndbp	0:10	0.00%	0.00%	[system]
388	live	85	0	73M	15M	select	0:08	0.00%	0.00%	xfdesktop
530	live	85	0	87M	23M	select	0:06	0.00%	0.00%	filezilla
892	live	85	0	79M	19M	select	0:01	0.00%	0.00%	abiword
98	live	85	0	80M	15M	select	0:01	0.00%	0.00%	thunar
732	live	85	0	68M	12M	select	0:01	0.00%	0.00%	terminal
659	live	85	0	16M	7320K	select	0:01	0.00%	0.00%	xfce4-cp
563	live	85	0	6676K	2272K	select	0:01	0.00%	0.00%	xfconfd
434	live	85	0	5160K	1436K	select	0:01	0.00%	0.00%	dbus-daemon
858	live	43	0	3036K	1156K	CPU	0:00	0.00%	0.00%	top
529	live	85	0	74M	11M	select	0:00	0.00%	0.00%	xfce4-screen

The terminal also shows a message about Vim being open source and freely distributable, along with instructions on how to get help and exit.

The bottom of the screen shows a taskbar with icons for the Terminal, GVIM, and other applications. A notification banner at the bottom right states: "The Adobe Flash Player or an HTML5 supported browser is required for video playback. Get the latest Flash Player. Learn more about upgrading to an HTML5 browser."

Fugulta (OpenBSD)



Выводы:

- 1 -

PC-BSD несмотря на некоторые недостатки и “шероховатости” - самый дружелюбный дистрибутив. Подойдёт как начинающим пользователям, так и пользователям со стажем.

В PC-BSD имеется графическая программа установки и удаления пакетов PBI. В то же время в ней есть и система портов (ports) и пакетов (packages) FreeBSD.

2 - 3

РУС-BSD — Содержит все необходимые для повседневной работы программы. Но базируется на устаревшей версии FreeBSD.

VirtualBSD — в ногу со временем (в свете всеобщей виртуализации и облачных технологий)

<http://conference.linux.lviv.ua>

FOSS Lviv
2012



Украина, Львов
26 - 28 апреля
Международная
научно-практическая
конференция

