eComStation Developer Connection
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software

New kernel
(~ 10.104a)

=> We can run
eCS on any PC
after 2010

+ half of OS is
opensourced

Market of eCS,
eComStation 2.0!

=> We are happy
already

+ long history
+ eCS PC concept
+ loyal users

Where are the
applications?!

Let's go!

software

Kernel: Advantages for developers

* Additional debugging means (OS2LDR)

Step #1: eComStation should become popular;
Step #2: after this we can start functional improvements in the kernel and in the structure of OS.

Which applications/drivers to create? Which features to implement?

Users need:

http://ecomstation.ru/?e=38
http://ecomstation.ru/?e=39

No resources to create large unified toolkit.

We offer
• Collect knowledge, reference books, whatsnew since 2001
• Simplify the life of developers:
create small standalone libraries for them. The goal is to make the developers to update hundreds of existing applications, create hundreds on new medium applications.

• Help with the sellings of shareware (marketing, share the experience)
• Answer to questions of new developers.

eCo Software Developer Connection

Compilers & tools

- Compilers
- Tools

Base API

- eComStation base API

User interface

- Base control elements (control windows)
- Extend base control elements by yourself
- Additional control elements (windows and templates)
- Dialog windows
- Icons

Drivers development

- Kernel: ACPI interface
- Kernel: KEE interface
- Device drivers development
- Network drivers
- File systems
- USB drivers

Graphics & Imaging

- Loading bitmaps
- Video stream

REXX

- REXX links

eComStation
Developer Connection

http://ecomstation.ru/developer

Tools, compilers: (+++)

* aimed to equip novice users.

// help us to collect small useful tools.
useful to debug /research the behavior of
the operating system.

API (+++)

* EcomStation -> OS/2 API

* We are collecting remarks to the
functions, example and addons

(WSE2008) Internet libraries

DA-DA-Da

eComStation – internet platform, you spend much time with web-browser. More ECS applications should use the Internet.

Let's go.. we are using this libs in PMDownloader, widgets, utilities.

REXX: (+++)

* We are collecting scripts
* Tutorials,

SMP-advices (+++)

* We are collecting info how to create multi-thread applications
* There are special advices how to create SMP-safe applications.

Development of device drivers: (+++)

* Device drivers,
** template of 32-bit driver
** Daniela's code snapshots and advices

* Network adapters

* USB control applications
** USB stack should be updated

ACPI   (+++)

* There is toolkit
* FAQ for developers of device drivers
* Links to ACPI standard

All new drivers should use ACPI API.

Part 2: Useful libraries (+++)

Why to develop new libraries? (= Criteria which libs to include to eCS?)

Useful libraries (+++)

ZIP/XML/INI

(WSE2008) System information

PC changed.. ACPI PC. eComStation is changing.

System information allows you query modern information:
* hardware
* OS
* ..

So, (+++)

Useful libraries
* XML
* Wow
* LANGE

Part 4

Node applications
* Small applications can't survive
* Large combined applications are living longer

Examples:
* Automator/2
* Sync with mobile devices

Node application: NetDrive

* Netdrive.. increasing..
** Currently we have: 10-20 plugins
** New plugins: .. NTFS (nickk, froloff), ..
** Future plugins: FAT32, VFAT

Node application: DCClico

* Dclico = ..
* screenshot

OOO

* Video/Graphics

Problems:
* we should create common video library.
* developers need simple window.. web-cameras.

OOO

* WPS development

It's important because:
*
*
*
*

Part 5: eComStation operating system

* File structure of eComStation – eFDS
** where to keep settings, system directories, ..

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(WSE2008) SLIDE-□□□□□

Let's view what do users need?
* Perfect eComStation:
http://forum.ecomstation.ru/viewforum.php?f=8

* I need application:
http://forum.ecomstation.ru/viewforum.php?f=14

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