

New Virtual Machine Options for OS/2 and eComStation

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Robert Henschel
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Agenda

- Who is Netsys GmbH and What is twoOSTwo
- What can you do with twoOSTwo
 - Virtualization
 - Current Features
- Demo of Linux Host Version
- Planned Features and Enhancements
- Linux and OS/2 Host Beta Programs



Who is Netsys GmbH and What is twoOStwo?

- working in Dresden, Germany
- twoOStwo was developed for German banks and insurance companies
 - very clear need: run OS/2 applications on Windows NT
 - we are selling twoOStwo in projects for a few years now
- we are now creating an end user product...



What can you do with twoOStwo?

- twoOStwo creates a full computer on top of a computer
- comparable to MS VirtualPC or VMWare
- you can run one operating system as an application on top of another operating system
- better: You can run applications of different operating systems on one operating system



Virtualization

- when possible, routing to the real hardware is used instead of emulation
- current version supports routing for parallel and serial port, floppy, CD-ROM, CPU, RAM
- current version provides emulation for network card, graphics card
- future versions will support a sound card and USB



Virtualization (con'd)

- twoOStwo is installed as an application on the Host system
- a few device drivers are also installed
- resources of the host system are used where possible
- twoOStwo creates a container file in the file system of the Host operating system
- the guest operating system runs inside this container file
 - Host operating system sees only one big file
 - Guest operating systems sees a hard drive



Current Features

- Hardware visible to the Guest operating system
 - Full Pentium compatible PC
 - VESA 3.0 graphics card
 - NE2000 (plus) Ethernet network card / Token Ring network card - depending on Host network card
 - IDE hard drive, IDE CD-ROM drive, floppy drive
 - Serial and parallel ports
- SMP enabled

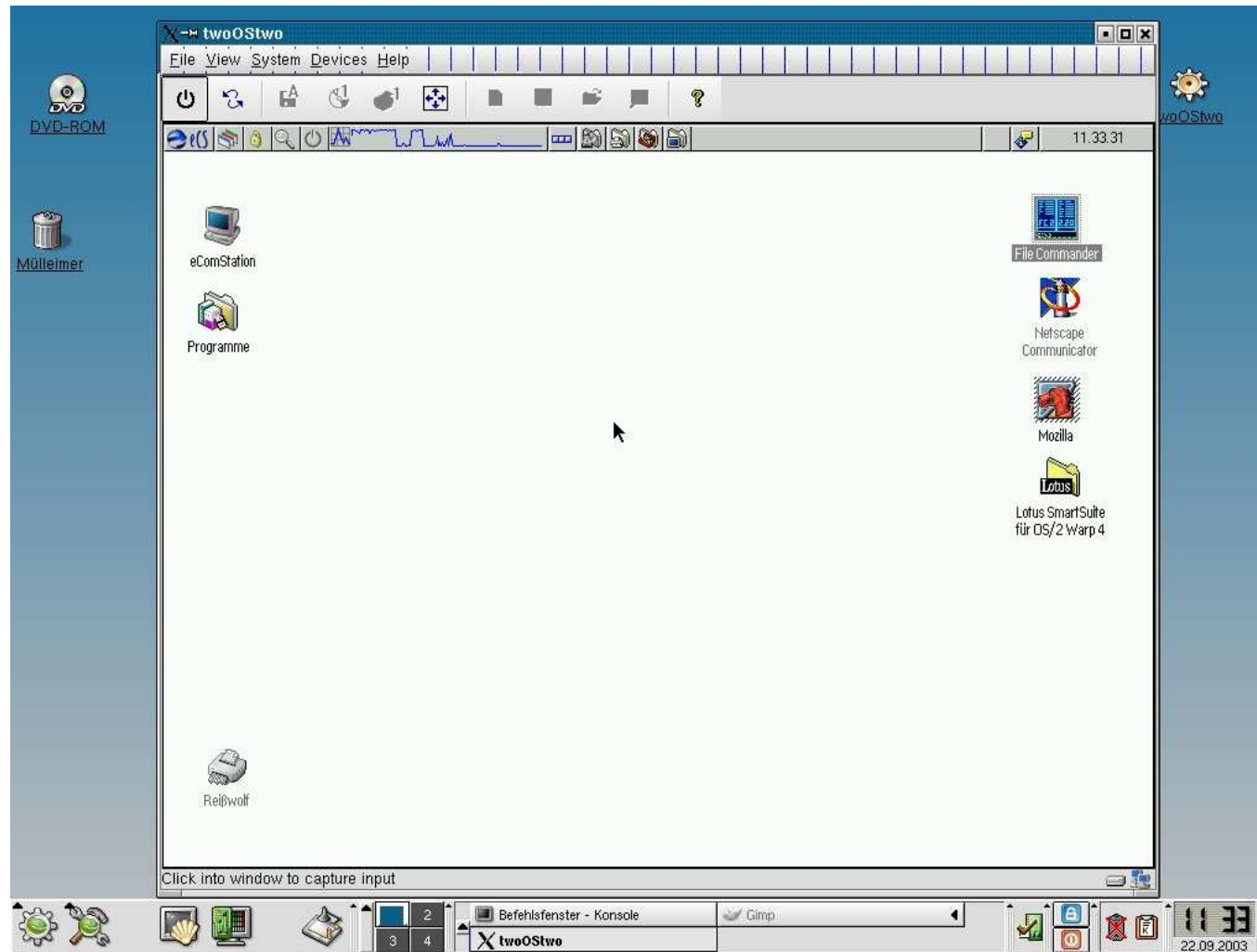


Current Features (con'd)

- Supported Host Operating Systems
 - Windows NT4, Windows 2000, Windows XP, Windows Server 2003
 - Linux 2.4
 - FreeBSD
- Supported Guest Operating Systems
 - OS/2 Warp 3 or higher
 - Windows 3.1, 95, 98, ME, NT, 2000, XP
 - DOS
 - Linux 2.2, 2.4



Demo of Linux Host Version



Planned Features and Enhancements

- Enhancements to the virtual machine
 - Sound support
 - USB support
- OS/2 Host Version



Linux/FreeBSD and OS/2 Host Beta Programs

- Alpha program planned to start November 1st
- Beta by the end of this year
- more information on <http://www.ecomstation.com>





Thank you!

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Questions ?

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