

# OS/2 *Warp* DVD

## *eComStation DVD*



Build your personal edition of  
your favorite Operating  
System



© Sigurd Fastenrath



**OS/2 *Warp 5***

***eComStation 2.X***

**OS/2 *Merlin***



# What's here:

0. Who am I
1. So, Why?
2. Thanks!
3. Two Ways
4. Installation
5. Helper applications
6. Setup
7. Excurs: Updates/Fixes
8. Additional Files
9. Customize ADDONS
10. Create ISO Files
11. Burn DVD
12. Limitations/Problems
13. Links

# Who am I

- German
- Married, 3 Sons
- Freelance Tax Consultant
- Using OS/2 *Warp* since 1995
- OS/2 is Hobby, no programming skills (unfortunately :- ( )
- Special Interest:
  - Update CD
  - Virtualisation with OS/2
  - Netbooks and „modern“ Hardware (see WSE 2008)
  - Youtube Videos
  - **Next Project:** „The OS/2 Movie“ will take about 2 Years

# So, Why?

**Verzeichnisse**

Fixes Verzeichnis  
 Suchen Test

Updates Verzeichnis  
 Suchen Test

Add-Ons Verzeichnis  
 Suchen Test

Verzeichnis der original CD-ROM Dateien  
 Suchen Test

Brenn Verzeichnis  
 Suchen Test

Verzeichnis von MkISOFS und CDRecord/2  
 Suchen Test

**Dateien**

UPDCD Protokolldatei  
 Suchen Zeige

Brenn Protokolldatei  
 Suchen Zeige

Temporäre CD Imagedatei  
 Suchen Test

**OS/2 Version** MCP/ACP **Programm Sprache** DEU

**Hauptoptionen**

FD-Komprimierung  Plus add-ons  
 Plus SCSI  Plus Up2TB  
 Plus DANI IDE  Plus FAT32  
 Plus DANI FLT  Plus USB  
 Plus DANI Boot  Plus DANI DASD

**Produkt Einstellungen**

**Virtuelles Diskettenlaufwerk**

LW-Buchstabe  
  
 SVDSK  VFDSK

**Brenn Programm**

CDR/2  RSJ  Emuliert Floppy

**CDRecord/2 Optionen**

SCSI Geräte ID    **Geschwindigkeit**   
 Extra Parameter   DVD

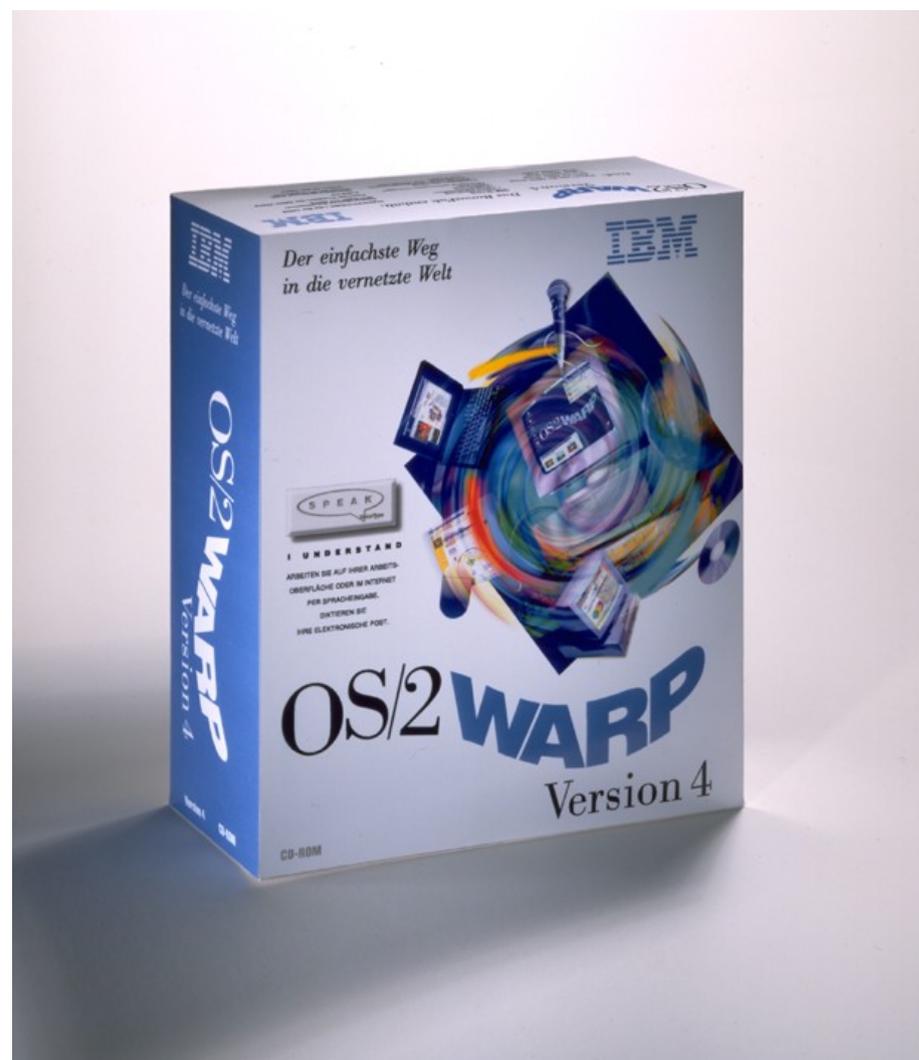
# That's why.. :-)

- Looking for a way to keep OS/2 *Warp* 4 alive back in 2001



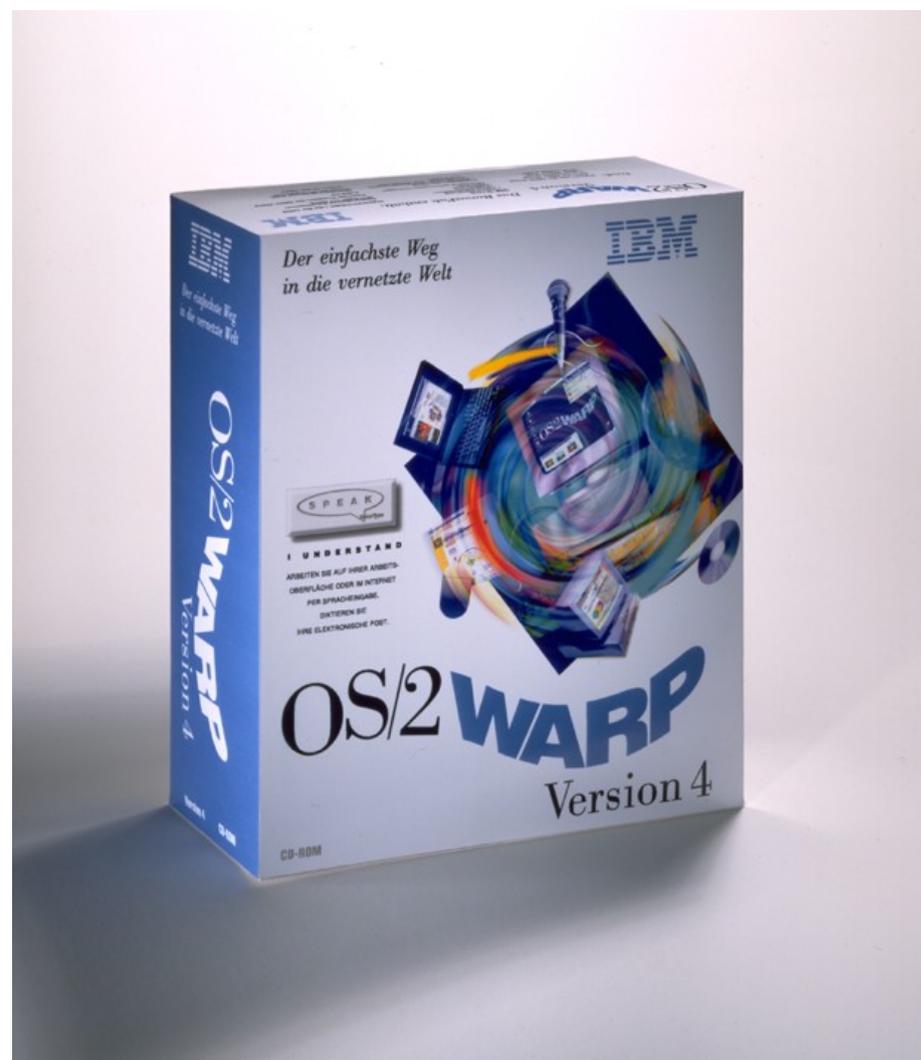
# That's why... :-)

- Looking for a way to keep OS/2 *Warp* 4 alive back in 2001
- Tired of manual updating everything (i.e. Fixpacs, applications...)



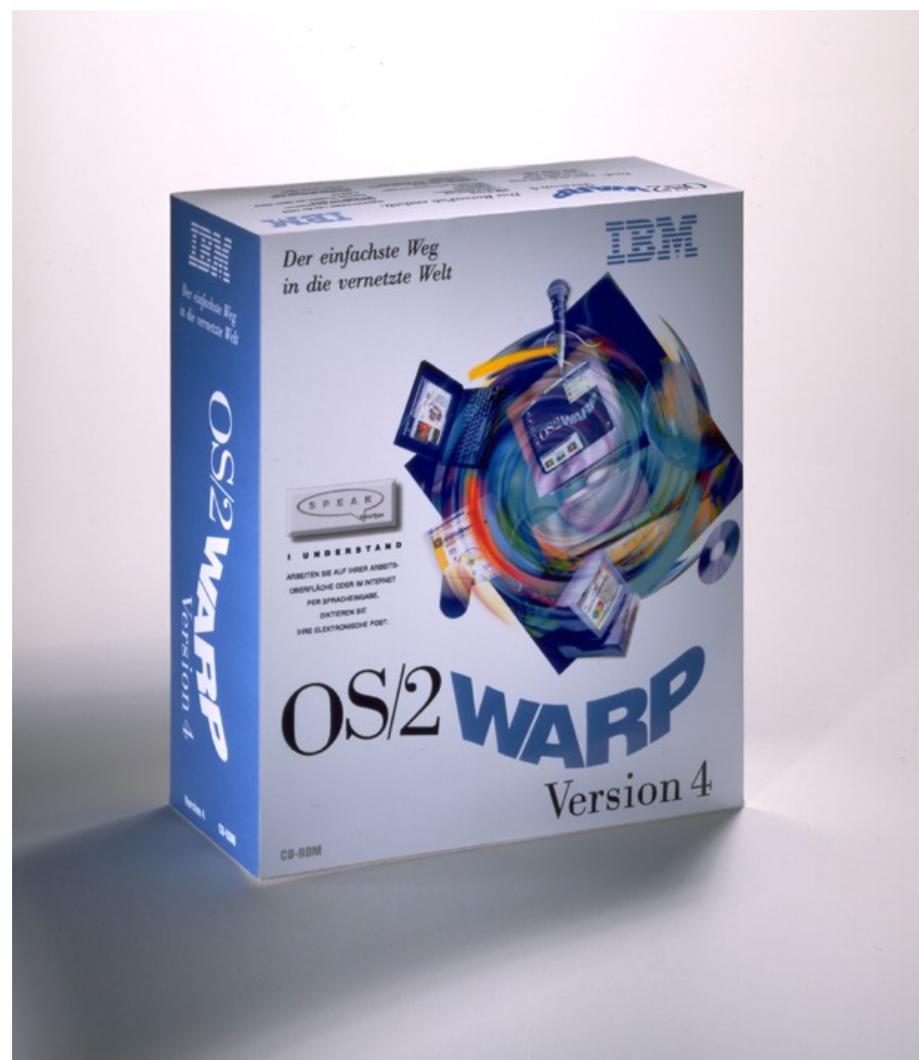
# That's Why.... :-)

- Looking for a way to keep OS/2 *Warp* 4 alive back in 2001
- Tired of manual updating everything (i.e. Fixpacs, applications...)
- Tired of starting Installation from Floppy Disk



# That's why..... :-)

- And yes: I could not afford to take the alternatives: neither
- **eComStation** 1.0 nor
- IBM Software Choice for OS/2 Warp 4 = **Merlin convenience package** = MCP 1 later MCP 2



# Thanks!

I „found“ the program UPDCD in 2001 and it gave me the chance to create bootable CDs and at least a bootable OS/2 DVD in 2005.

**So – a big big thank to Zsolt Kaddar!**

for making this possible!

# Two ways:

- There are **two** different ways:

Update CD homepage - Mozilla Firefox

http://xenia.sote.hu/~kadzsol/rexx/sajat/updcd.htm

Update CD homepage

## Update your OS/2 installation CD-ROM with fixpaks!

**Contents:**

- [Introduction](#)
- [Working principle](#)
- [Download](#)
- [Feedback](#)
- [Feature Request](#)
- [History](#)
- [Useful staff](#)
- [Future plans](#)

**Introduction**

With UpdCD you can incorporate updated files (e.g. fixpaks) into your installation CD. In this way you will be able to install a refreshed version of OS/2 on modern systems. You do not have to reinstall fixpaks if you have used selective install. You can boot and install right from the CD. You can incorporate 3rd party products into the CD. Interested? Read on!

**Working principle**

UpdCD scans your original installation CD-ROM and updates all the files which you provide. Some of the files on the CD can be updated with a simple copy command, but most of them reside in packed (a sort of zip) and zip files and they require some more processing (packing/unpacking). The current version of UpdCD supports updates of single, packed (bundled) or zipped files, which makes it possible to incorporate base OS/2, Device Driver, Printer, MPTS, TCP/IP, PEER, Netware Requester Fixpaks, updates for Feature Installer, Java and new products like TCP/IP 4.x into the CD. The updated CD-ROM is created on your hard disk and can be converted to an ISO image or to a real installation CD-ROM.

```

UpdCD-Build Procedure
Update installation CD-ROM, version 2.50

Target directory   : E:\UPDCD\BURN
Source directory   : E:\UPDCD\FIX

Current activity    : Updating E:\UPDCD\BURN\CID\SERVER\JAVA
Target object      : E:\UPDCD\BURN\CID\SERVER\JAVA\PACKAGE\AWT.PRP
Source object       : E:\UPDCD\FIX\AWT.PRP

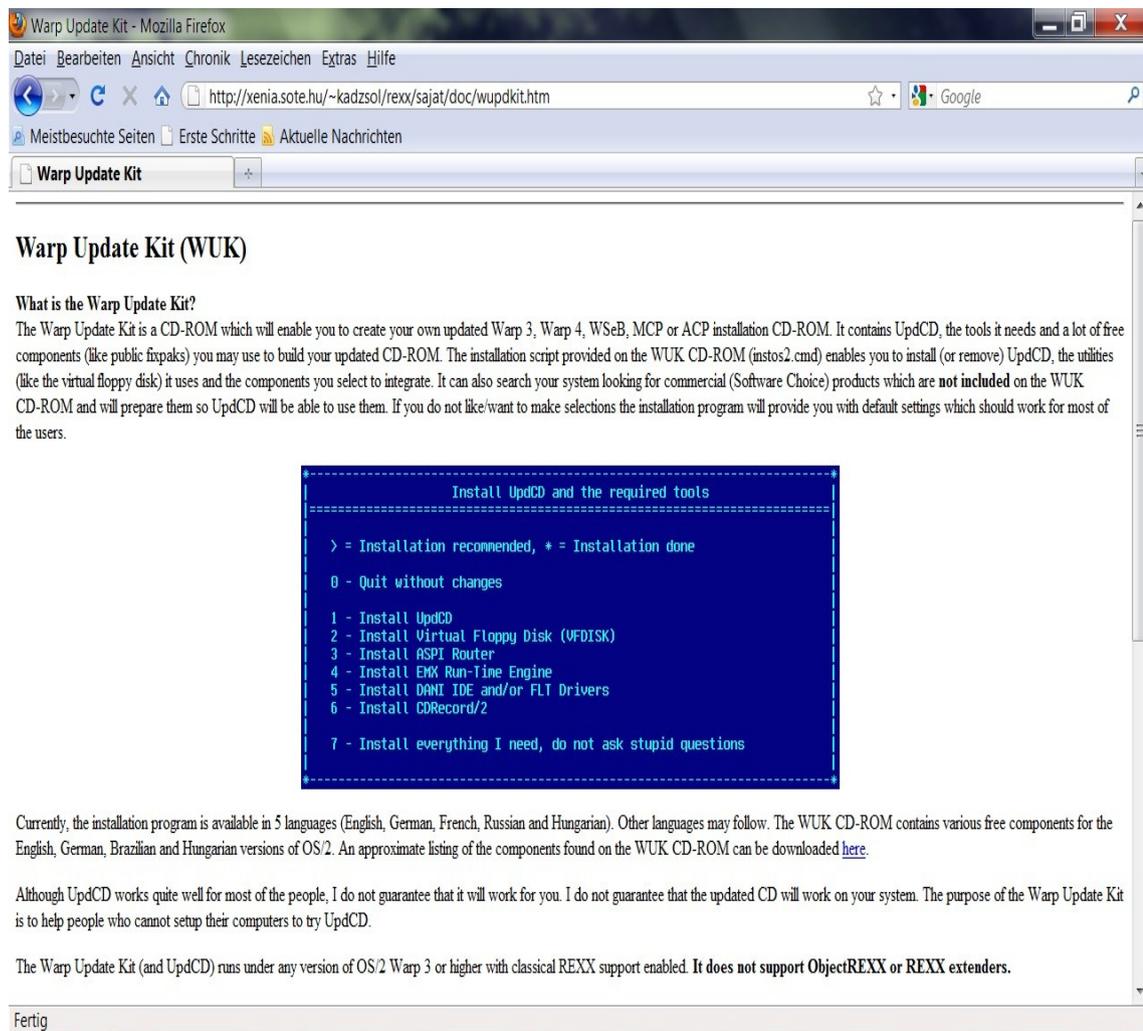
Update action      : COPY
Action return code : 0

Elapsed time [m]   : 18.72
Number of errors    : 0
Number of warnings : 2
Update log         : E:\UPDCD\UPDCD.LOG
  
```

Fertig

# Two ways:

- There are two different ways:
- Order the ***WarpUpdateKit*** direct form the UPDCD Homepage



Warp Update Kit (WUK)

**What is the Warp Update Kit?**

The Warp Update Kit is a CD-ROM which will enable you to create your own updated Warp 3, Warp 4, WSeB, MCP or ACP installation CD-ROM. It contains UpdCD, the tools it needs and a lot of free components (like public fixpaks) you may use to build your updated CD-ROM. The installation script provided on the WUK CD-ROM (instos2.cmd) enables you to install (or remove) UpdCD, the utilities (like the virtual floppy disk) it uses and the components you select to integrate. It can also search your system looking for commercial (Software Choice) products which are **not included** on the WUK CD-ROM and will prepare them so UpdCD will be able to use them. If you do not like/want to make selections the installation program will provide you with default settings which should work for most of the users.

```

Install UpdCD and the required tools
-----
> = Installation recommended, * = Installation done

0 - Quit without changes

1 - Install UpdCD
2 - Install Virtual Floppy Disk (VFDISK)
3 - Install ASPI Router
4 - Install EMX Run-Time Engine
5 - Install DANI IDE and/or FLT Drivers
6 - Install CDRecord/2

7 - Install everything I need, do not ask stupid questions
  
```

Currently, the installation program is available in 5 languages (English, German, French, Russian and Hungarian). Other languages may follow. The WUK CD-ROM contains various free components for the English, German, Brazilian and Hungarian versions of OS/2. An approximate listing of the components found on the WUK CD-ROM can be downloaded [here](#).

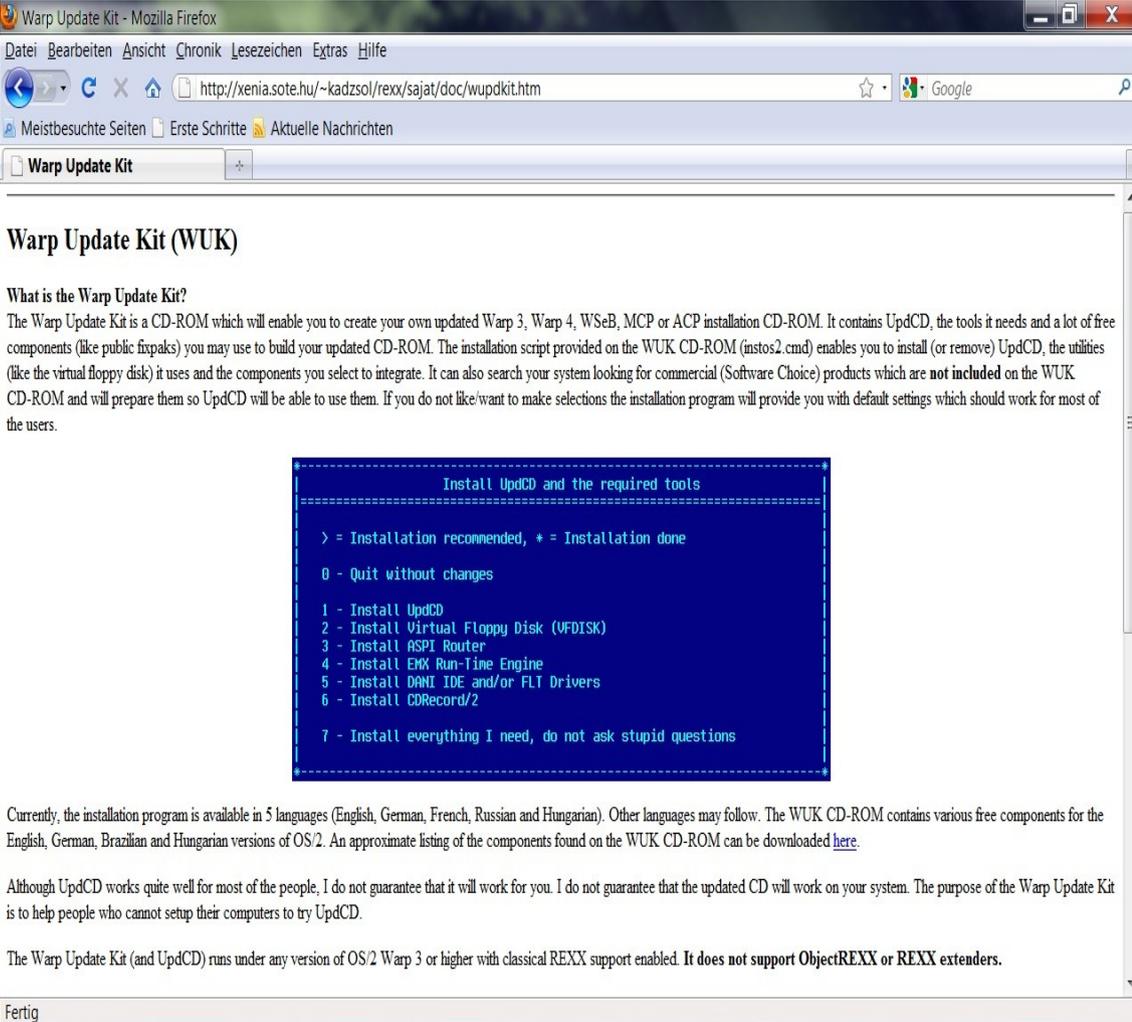
Although UpdCD works quite well for most of the people, I do not guarantee that it will work for you. I do not guarantee that the updated CD will work on your system. The purpose of the Warp Update Kit is to help people who cannot setup their computers to try UpdCD.

The Warp Update Kit (and UpdCD) runs under any version of OS/2 Warp 3 or higher with classical REXX support enabled. It does not support ObjectREXX or REXX extenders.

Fertig

# Two ways:

- There are two different ways:
- Order the ***WarpUpdateKit*** direct form the UPDCD Homepage
- Set the system up ***manually***



Warp Update Kit (WUK)

What is the Warp Update Kit?

The Warp Update Kit is a CD-ROM which will enable you to create your own updated Warp 3, Warp 4, WSeB, MCP or ACP installation CD-ROM. It contains UpdCD, the tools it needs and a lot of free components (like public fixpaks) you may use to build your updated CD-ROM. The installation script provided on the WUK CD-ROM (instos2.cmd) enables you to install (or remove) UpdCD, the utilities (like the virtual floppy disk) it uses and the components you select to integrate. It can also search your system looking for commercial (Software Choice) products which are **not included** on the WUK CD-ROM and will prepare them so UpdCD will be able to use them. If you do not like/want to make selections the installation program will provide you with default settings which should work for most of the users.

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Fertig

# Installation

- The **manual installation** will be described, please note that this is „my personal way“, that worked for me – there are for sure better ways, feel free to test your own ideas
- For a complex explanation please refer to the **readme file** shipped with UPDCD
- On the last page of the Presentation, „LINKS“ there are Links listed **where to get and download the mentioned programs**, drivers and files

# Installation

- Free space needed: **a minimum of 15 GB** free space is needed on a harddrive with a filesystem that supports long filenames (HPFS, JFS), where **JFS** is recommended

# Installation

- Free space needed: a minimum of 15 GB free space is needed on a harddrive with a filesystem that supports long filenames (HPFS, JFS), where JFS is recommended
- Create a directory „UPDCD“ and unzip the **UPDCD260.ZIP** file there

# Installation

- Free space needed: a minimum of 15 GB free space is needed on a harddrive with a filesystem that supports long filenames (HPFS, JFS), where JFS is recommended
- Create a directory „UPDCD“ and unzip the UPDCD260.ZIP file there
- Unzip the latest update i.e. **UPDCD261.ZIP** in the same directory and choose to overwrite existing files

# Helper Applications

- Install the **Super Virtual Floppy Disk 3.0** program written by Daniela Engert
- Copy **vfrctrl.exe** from the VFDISK directory to the UPDCD directory



# Helper Applications

- Install **cdrecord/2** ( including mkisofs ) according to the programs instructions
- Copy **dvddao.exe** from the latest dvddao distribution to where the cdrecord program is located
- Different way: create the ISO Files with mkisofs and burn them manually with **RSJ CDWriter**



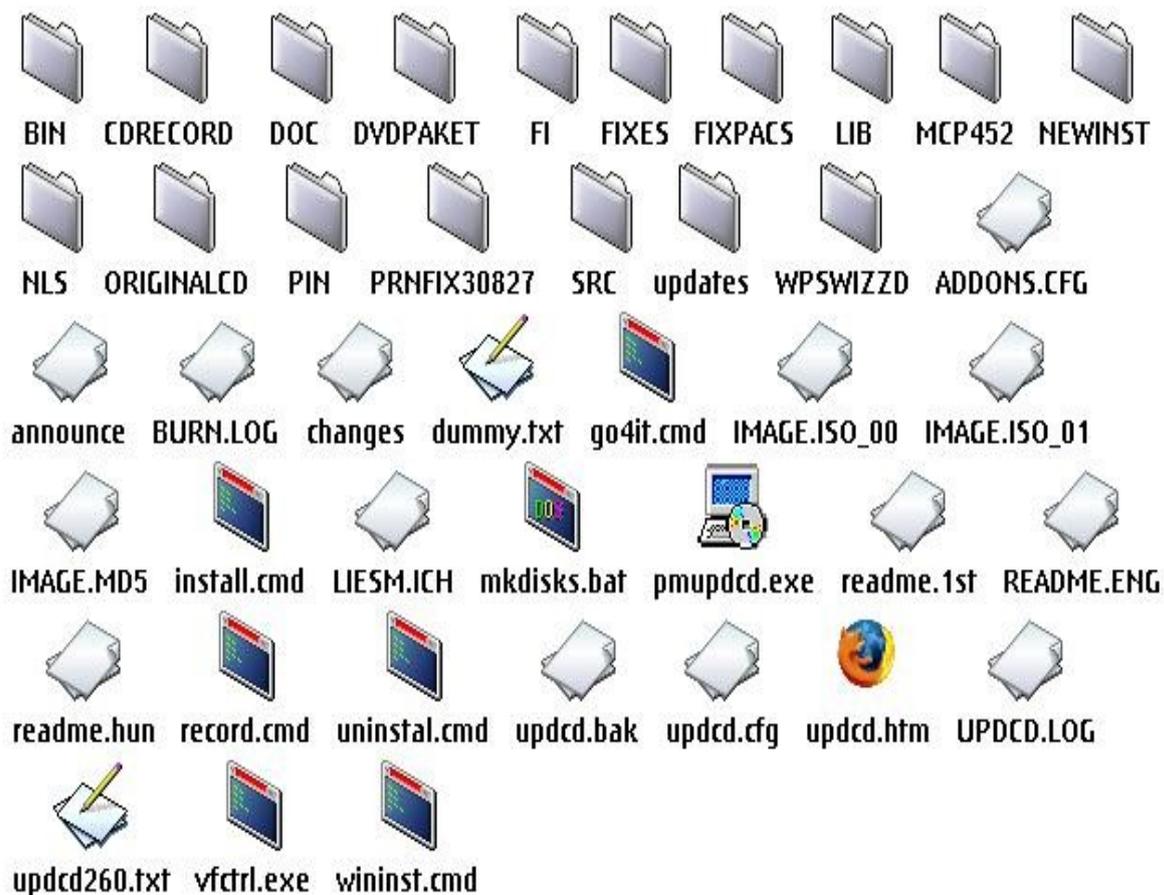
# Helper Applications

- Install the **aspiroute.sys** Driver (if not already present)
- Install the **aspinikk.sys** Driver included in the DVDDAO distribution as written there



# FINISH INSTALLATION

- Start the UPDCD install script by a double click on **install.exe** in the UPDCD Folder
- A folder with a program object will be created



# Installation

The screenshot displays the OS/2 desktop environment with a taskbar at the top and a sidebar on the left. The desktop background features a landscape with a green field and a blue sky. A central dialog box titled "Update CD Konfiguration [benutze upcd.cfg]" is open, showing various configuration options for updating the CD-ROM. The dialog includes sections for "Verzeichnisse" (Directories), "Dateien" (Files), "OS/2 Version", "Programm Sprache", "Produkt Einstellungen", "Virtuelles Diskettenlaufwerk", "Brenn Programm", and "CDRecord/2 Optionen". A music player window is visible in the bottom right corner, playing "CHRIS DE BURGH - MISSING YOU".

**Update CD Konfiguration [benutze upcd.cfg]**

**Verzeichnisse**

- Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES
- Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES
- Add-Ons Verzeichnis: Q:\ADDONS
- Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452
- Brenn Verzeichnis: Q:\UPDCD\BURN
- Verzeichnis von MkISOFS und CDRecord/2: O:\OS2\APPS\CDR2\_0\_0

**Dateien**

- UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG
- Brenn Protokolldatei: Q:\UPDCD\BURN.LOG
- Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO

**OS/2 Version:** MCP/ACP (Warp 4, Warp 3)

**Programm Sprache:** DEU

**Produkt Einstellungen:** LxLite, MemDisk, Add-on

**Virtuelles Diskettenlaufwerk:** Rein, Raus, Test, LW-Buchstabe U: (SVDSK, VFDSK)

**Brenn Programm:** CDR/2, RSJ, Emuliert Floppy

**CDRecord/2 Optionen:** SCSI Geräte ID (0, 0, 0), Geschwindigkeit (2), Extra Parameter, DVD

OS/2 Version, die zum Aktualisieren benutzt wird

# SETUP

Start the program, select the **OS/2 / eCS release** you want to update

The screenshot shows the OS/2 Setup program interface. The 'OS/2 Version' dropdown is highlighted with a red circle and contains 'MCP/ACP'. The 'Programm Sprache' dropdown contains 'DEU'. The interface includes sections for 'Verzeichnisse' (directories), 'Dateien' (files), 'Produkt Einstellungen' (product settings), 'Virtuelles Diskettenlaufwerk' (virtual floppy drive), 'Brenn Programm' (burning program), and 'CDRecord/2 Optionen' (CDRecord/2 options).

**Verzeichnisse**

Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES [Suchen] [Test]

Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES [Suchen] [Test]

Add-Ons Verzeichnis: Q:\ADDONS [Suchen] [Test]

Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452 [Suchen] [Test]

Brenn Verzeichnis: Q:\UPDCD\BURN [Suchen] [Test]

Verzeichnis von MkISOFS und CDRecord/2: O:\OS2\APPS\CDR2\_0\_0 [Suchen] [Test]

**Dateien**

UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG [Suchen] [Zeige]

Brenn Protokolldatei: Q:\UPDCD\BURN.LOG [Suchen] [Zeige]

Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO [Suchen] [Test]

**OS/2 Version**: MCP/ACP

**Programm Sprache**: DEU

**Produkt Einstellungen**

FD-Komprimierung  Plus add-ons

Plus SCSI  Plus Up2TB

Plus DANI IDE  Plus FAT32

Plus DANI FLT  Plus USB

Plus DANI Boot

Plus DANI DASD [Mehr...]

**Produkt Einstellungen**

[LxLite] [MemDisk] [Add-on]

**Virtuelles Diskettenlaufwerk**

[Rein] [Raus] [Test] LW-Buchstabe: U:

SVDSK  VFDSK

**Brenn Programm**

CDR/2  RSJ  Emuliert Floppy

**CDRecord/2 Optionen**

SCSI Geräte ID: 0 0 0

Geschwindigkeit: 2

Extra Parameter: [ ]  DVD

[Sichern] [Erstellen] [Brennen] [Hilfe] [Ende]

# SETUP

Select the **Program interface language** (i.e.: English)

The screenshot shows the OS/2 Setup program interface. The 'Programm Sprache' dropdown menu is highlighted with a red circle, showing 'DEU' selected. The interface includes sections for file directories, main options, product settings, virtual floppy drive, burning program, and CDR/2 options.

**Verzeichnisse**

Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES [Suchen] [Test]

Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES [Suchen] [Test]

Add-Ons Verzeichnis: Q:\ADDONS [Suchen] [Test]

Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452 [Suchen] [Test]

Brenn Verzeichnis: Q:\UPDCD\BURN [Suchen] [Test]

Verzeichnis von MkISOFS und CDR2/2: O:\OS2\APPS\CDR2\_0\_0 [Suchen] [Test]

**Dateien**

UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG [Suchen] [Zeige]

Brenn Protokolldatei: Q:\UPDCD\BURN.LOG [Suchen] [Zeige]

Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO [Suchen] [Test]

**OS/2 Version**: MCP/ACP

**Programm Sprache**: DEU

**Hauptoptionen**

- FD-Komprimierung
- Plus add-ons
- Plus SCSI
- Plus Up2TB
- Plus DANI IDE
- Plus FAT32
- Plus DANI FLT
- Plus USB
- Plus DANI Boot
- Plus DANI DASD

[Mehr...]

**Produkt Einstellungen**

[LxLite] [MemDisk] [Add-on]

**Virtuelles Diskettenlaufwerk**

[Rein] [Raus] [Test] LW-Buchstabe: U:

SVDSK  VFDSK

**Brenn Programm**

CDR/2  RSJ  Emuliert Floppy

**CDRecord/2 Optionen**

SCSI Geräte ID: 0 0 0

Geschwindigkeit: 2

Extra Parameter: [ ]  DVD

[Sichern] [Erstellen] [Brennen] [Hilfe] [Ende]

# SETUP

Select the **VFDISK** option (Virtual floppy Disk) and **Test** it

The screenshot shows the OS/2 Setup program interface. The 'Hauptoptionen' (Main options) section is circled in red. In this section, the 'Virtuelles Diskettenlaufwerk' (Virtual floppy drive) options are visible. The 'VFDISK' radio button is selected, and the 'Test' button is highlighted. The 'LW-Buchstabe' (Drive letter) is set to 'U:'. The 'CDRecord/2 Optionen' (CDRecord/2 options) section is also visible, showing the 'SCSI Geräte ID' (SCSI device ID) set to 0 0 0 and the 'Geschwindigkeit' (Speed) set to 2. The 'DVD' checkbox is checked.

**Verzeichnisse**

Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES [Suchen] [Test]

Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES [Suchen] [Test]

Add-Ons Verzeichnis: Q:\ADDONS [Suchen] [Test]

Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452 [Suchen] [Test]

Brenn Verzeichnis: Q:\UPDCD\BURN [Suchen] [Test]

Verzeichnis von MkISOFS und CDRecord/2: O:\OS2\APPS\CDR2\_0\_0 [Suchen] [Test]

**Dateien**

UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG [Suchen] [Zeige]

Brenn Protokolldatei: Q:\UPDCD\BURN.LOG [Suchen] [Zeige]

Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO [Suchen] [Test]

**OS/2 Version:** MCP/ACP

**Programm Sprache:** DEU

**Hauptoptionen**

- FD-Komprimierung
- Plus add-ons
- Plus SCSI
- Plus Up2TB
- Plus DANI IDE
- Plus FAT32
- Plus DANI FLT
- Plus USB
- Plus DANI Boot
- Plus DANI DASD

[Mehr...]

**Produkt Einstellungen**

[EXERCISE] [REIN] [RAUS] [TEST] [LW-Buchstabe]

**Virtuelles Diskettenlaufwerk**

[Rein] [Raus] [Test] LW-Buchstabe: U:

SVDSK  VFDISK

**Programme**

CDR/2  RSJ  Emuliert Floppy

**CDRecord/2 Optionen**

SCSI Geräte ID: 0 0 0

Geschwindigkeit: 2

Extra Parameter: [ ]

DVD

[Sichern] [Erstellen] [Brennen] [Hilfe] [Ende]

# SETUP

Select **CDR/2** (RSJ does not support bootable DVD – do not forget to **disable the „Floppy Emulation“**)

The screenshot shows the OS/2 Setup program interface. The 'Brenn Programm' section is circled in red, indicating the selected burning program. The 'CDR/2' option is selected, and 'Emuliert Floppy' is unchecked. Other sections include 'Verzeichnisse', 'Dateien', 'Hauptoptionen', 'Produkt Einstellungen', and 'Virtuelles Diskettenlaufwerk'.

**Verzeichnisse**

Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES [Suchen] [Test]

Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES [Suchen] [Test]

Add-Ons Verzeichnis: Q:\ADDONS [Suchen] [Test]

Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452 [Suchen] [Test]

Brenn Verzeichnis: Q:\UPDCD\BURN [Suchen] [Test]

Verzeichnis von MkISOFS und CDRecord/2: O:\OS2\APPS\CDR2\_0\_0 [Suchen] [Test]

**Dateien**

UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG [Suchen] [Zeige]

Brenn Protokolldatei: Q:\UPDCD\BURN.LOG [Suchen] [Zeige]

Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO [Suchen] [Test]

**Hauptoptionen**

OS/2 Version: MCP/ACP Programm Sprache: DEU

FD-Komprimierung  Plus add-ons  
 Plus SCSI  Plus Up2TB  
 Plus DANI IDE  Plus FAT32  
 Plus DANI FLT  Plus USB  
 Plus DANI Boot   
 Plus DANI DASD

**Produkt Einstellungen**

**Virtuelles Diskettenlaufwerk**

LW-Buchstabe: U:  
 SVDSK  VFDSK

**Brenn Programm**

CDR/2  RSJ  Emuliert Floppy

**MD-Optionen**

SCSI Geräte ID: 0 0 0 Geschwindigkeit: 2  
 Extra Parameter:   DVD

# SETUP

Set the **SCSI ID** according to cdrecord/2. Don't forget to select the **DVD option** ;-)

The screenshot shows the 'CDRecord/2 Optionen' dialog box in the OS/2 Setup. The 'SCSI Geräte ID' is set to 0 0 0 and 'Geschwindigkeit' is set to 2. The 'DVD' checkbox is checked. The 'Hauptoptionen' section shows various options checked, including 'Plus DANI IDE', 'Plus DANI FLT', 'Plus DANI Boot', and 'Plus DANI DASD'. The 'Produkt Einstellungen' section shows 'LxLite', 'MemDisk', and 'Add-on' buttons. The 'Virtuelles Diskettenlaufwerk' section shows 'Rein', 'Raus', and 'Test' buttons, and 'LW-Buchstabe' set to 'U:'. The 'Brenn Programm' section shows 'CDR/2' selected. The 'Dateien' section shows paths for 'UPDCD Protokolldatei', 'Brenn Protokolldatei', and 'Temporäre CD Imagedatei'. The 'Verzeichnisse' section shows paths for 'Fixes Verzeichnis', 'Updates Verzeichnis', 'Add-Ons Verzeichnis', 'Verzeichnis der original CD-ROM Dateien', 'Brenn Verzeichnis', and 'Verzeichnis von MkISOFS und CDRecord/2'. The 'OS/2 Version' is set to 'MCP/ACP' and 'Programm Sprache' is set to 'DEU'. The 'Suchen' and 'Test' buttons are present for each field.

# SETUP

Select **additional Drivers** for the Boot process

The screenshot shows the 'Hauptoptionen' (Main Options) dialog box in the OS/2 Setup program. A red circle highlights the 'Hauptoptionen' section, which contains several checked options for additional drivers and features. The options include: FD-Komprimierung, Plus add-ons, Plus SCASI, Plus Up2TB, Plus DANI IDE, Plus FAT32, Plus DANI FLT, Plus USB, Plus DANI Boot, and Plus DANI DASD. A 'Mehr...' button is also visible.

**Verzeichnisse**

Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES

Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES

Add-Ons Verzeichnis: Q:\ADDONS

Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452

Brenn Verzeichnis: Q:\UPDCD\BURN

Verzeichnis von MkISOFS und CDR2/2: O:\OS2\APPS\CDR2\_0\_0

**Dateien**

UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG

Brenn Protokolldatei: Q:\UPDCD\BURN.LOG

Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO

**Hauptoptionen**

- FD-Komprimierung
- Plus add-ons
- Plus SCASI
- Plus Up2TB
- Plus DANI IDE
- Plus FAT32
- Plus DANI FLT
- Plus USB
- Plus DANI Boot
- Plus DANI DASD

**Produkt-Einstellungen**

LxLite MemDisk Add-on

**Virtuelles Diskettenlaufwerk**

Rein Raus Test LW-Buchstabe U:

SVDSK  VFDSK

**Brenn Programm**

CDR/2  RSJ  Emuliert Floppy

**CDRecord/2 Optionen**

SCSI Geräte ID: 0 0 0 Geschwindigkeit: 2

Extra Parameter:  DVD

Sichern Erstellen Brennen Hilfe Ende

# SETUP

Setup the **path** to the folders where you placed the files (and do not forget to use the **TEST buttons!**)

The screenshot shows the OS/2 Setup program interface. The 'Verzeichnisse' (Directories) section is highlighted with a red circle. It contains the following fields and buttons:

- Fixes Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\FIXES (Suchen, Test)
- Updates Verzeichnis: Q:\UPDCD\FIXPACS\MCP452\UPDATES (Suchen, Test)
- Add-Ons Verzeichnis: Q:\ADDONS (Suchen, Test)
- Verzeichnis der original CD-ROM Dateien: Q:\UPDCD\ORIGINALCD\MCP452 (Suchen, Test)
- Brenn Verzeichnis: Q:\UPDCD\BURN (Suchen, Test)
- Verzeichnis von MkISOFS und CDRecord/2: O:\OS2\APPS\CDR2\_0\_0 (Suchen, Test)

The 'Dateien' (Files) section is also visible below the red circle:

- UPDCD Protokolldatei: Q:\UPDCD\UPDCD.LOG (Suchen, Zeige)
- Brenn Protokolldatei: Q:\UPDCD\BURN.LOG (Suchen, Zeige)
- Temporäre CD Imagedatei: Q:\UPDCD\IMAGE.ISO (Suchen, Test)

At the bottom of the 'Verzeichnisse' section, there are buttons: 'Sichern', 'Erstellen', 'Abbrechen', and 'Beenden'.

Other sections visible on the right side of the window include:

- OS/2 Version: MCP/ACP
- Programm Sprache: DEU
- Hauptoptionen:  FD-Komprimierung,  Plus add-ons,  Plus SCSI,  Plus Up2TB,  Plus DANI IDE,  Plus FAT32,  Plus DANI FLT,  Plus USB,  Plus DANI Boot,  Plus DANI DASD. (Mehr... button)
- Produkt Einstellungen: LxLite, MemDisk, Add-on
- Virtuelles Diskettenlaufwerk: Rein, Raus, Test, LW-Buchstabe U: (U: field),  SVDSK,  VFDSK
- Brenn Programm:  CDR/2,  RSJ,  Emuliert Floppy
- CDRecord/2 Optionen: SCSI Geräte ID (0, 0, 0), Geschwindigkeit (2), Extra Parameter ( ),  DVD

# Excurs: Updates/Fixes ?!

- What files have to be placed in the UPDATES and FIXES directories
- You can find the Listings at the UPDCD homepage as „**dirlist.zip**“ (See LINKS page)



# Excurs: Updates/Fixes ?!

Examples: **Warp 4**

(not MCP!)

- **FIXES:**

- Fixpac15
- DeviceDriverFix3
- Java118fix
- MPTSFix8621
- Netware212
- Peer8414
- Printerfix80327
- TCPIP0980



- **UPDATES:**

- Feature Installer 125
- JAVAUPDATE118
- MPTSUPDATE8610
- NETSCAPE461
- PMFaxProUpdate

# Excurs: Updates/Fixes ?!

Examples: **Warp 3**

## • FIXES:

- Fixpac40
- DeviceDriverFix3
- Java118fix
- MPTSFix8621
- Netware212
- Peer8196
- Printerfix80327
- TCPIP0980



## • UPDATES:

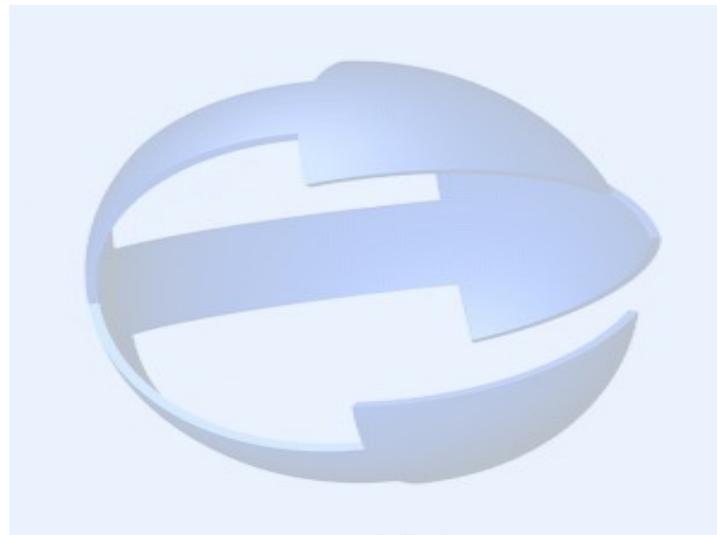
- Feature Installer 125
- JAVAUPDATE118
- MPTSUPDATE8610
- NETSCAPE461

# Excurs: Updates/Fixes ?!

## Examples: **eComStation 1.2**

### • FIXES:

- Fixpac5 (for MCP)
- DeviceDriverFix3
- Java118fix
- MPTSFix8708
- Printerfix80327
- TCPIP2334



### • UPDATES:

- JAVAUPDATE118
- JAVAUPDATE131
- NETSCAPE461

# Additional Files

- Integrate **additional Network adapter Drivers** that can be selected via MPTS and during installation
- Place the adapter files in the addons/macs directory of the MPTS fix, i.e.:  
\\UPDCD\FIXES\WR08621\addons\macs\rtl8139.nif  
\\UPDCD\FIXES\WR08621\addons\macs\rtsnd.os2

# Additional Files

- Integrate **kernel fixes** , i.e. The latest free available Warp 4 kernel 14.104a
- Create a directory called addons under the basefixpac and place the unzipped kernelfiles there, i.e.:  
\\UPDCD\FIXES\XRYM015\addons\os2krnl  
\\UPDCD\FIXES\XRYM015\addons\os2loader

# Additional Files

- Integrate **SCSI files** , i.e. For additional SCSI drivers that should be available at installation
- Copy the .add SCSI Driver file to the directory:  
`\UPDCD\NEWINST`
- Those will be integrated in the boot images

# Additional Files

- Please refer to the readme file to get further information about:
- Adding the **Bonuspak** (IBM Works, Voicetype and so on) to MCP1 or MCP2 and eComStation
- Adding **SMP** support for eComStation
- Adding **OpenGL** (newer version)
- See the recommended Files for Warp **Server**
- .....

# Customize Addons

- The **Addons** are located in the UPDCD\ADDONS Folder (not a real surprise, isn't it? :-) )
- A lot are already created during UPDCD Installation
- You have to **fill them with files** — open the ADDONINS.CMD in each folder with a text editor and you will see what files are recommended (If you order the WarpUpdateKit most of the files are included)
- **Add your choice**: You can create your personal favourite application as an Addon; to Do so you need to:

# Customize Addons

- You need to **create a new folder** in the ADDONS Subdirectory

# Customize Addons

- You need to **create a new folder** in the ADDONS Subdirectory
- You need to place the **program files** there

# Customize Addons

- You need to **create a new folder** in the ADDONS Subdirectory
- You need to place the **program files** there
- You need to place an **updated install script** there as well

# Customize Addons

- You need to **create a new folder** in the ADDONS Subdirectory
- You need to place the **program files** there
- You need to place an **updated install script** there as well
- You need to modify the file „**addons.cfg**“ according to your new application in the \UPDCD\NEWINST Folder

# Customize Addons

- **Example** given:
- We want to add **Openoffice 3.1** as an Addon to the Updated OS/2 DVD

# Customize Addons

- **Example** given:
- We want to add **Openoffice 3.1** as an Addon to the Updated OS/2 DVD
- We create a **Folder** according to the UPDCD format:

43\_OO311

(a free number – one from 10 – 89 - the „\_“ and 5 characters)

# Customize Addons

- We **copy** all the Open Office 3.1.1 installation files into this folder

# Customize Addons

- We **copy** all the Open Office 3.1.1 installation files into this folder
- We copy the **ADDONINS.CMD** from the Folder „10\_SCDDR“ to the 43\_OO311 Folder

# Customize Addons

- We open the file ADDONINS.CMD with a **text editor** and modify it like this, according to the names of the Folder and the install files

```
/* Install script Open Office 311 */
/* To install WPS Addons look in the folder */
/* with the help of zsolt kadar */
/* 14.11.2009: one of a lot attempts */

parse arg target source mode

/* get additional parameters from environment */
product_log = value("PRODUCT_LOG" , , "OS2ENVIRONMENT")
inst_dir = value("INST_DIR" , , "OS2ENVIRONMENT")

source
'cd \updc\addons\43_00311'
'call 00o311-base.exe'

exit
+
```

Saved: P:\WARPSTOCK\addonins.cmd

# Customize Addons

- Next we open the file **ADDONS.CFG** in the `\UPDCD\NEWINST` directory and add the entry according to our files and folders
- That's it!

```
42_FLOS2
    product_name = 'Flash Plug-In Pack'
    product_version = '5.0 und 7.068'
    product_drv = target
                'C:\PROGRAMS\Flash'

43_00311
    product_name = 'Open Office für OS/2'
    product_version = '3.11'
end

44_
    product_name = 'Open Office CAD-Programme'
    product_version = '1.0'
end

45_GAMES
    product_name = 'IBM Classic Games für OS/2'
    product_version = '1.0'
end

46_NOTES
    product_name = 'LOTUS Notes'
    product_version = '4.1'
end

47_TRUSP
    product_name = 'True Spectra Photo graphics'
    product_version = '2.02'
end

48_PAPYX
    product name = 'R.O.M. Papyrus Office 2008'
```

# Customize Addons

- Feel free to add/modify the Addons installation scripts according to your program
- Because of having no programming skills for me it was always a kind of Trial and Error



# Create ISO Files

- If you have finished your file selection press the **„Build“** Button to let UPDCD update all the files and **„Mix“** a new one

The screenshot shows the UPDCD software interface with the following sections:

- Directories:**
  - Fixes directory: Q:\UPDCD\FIXPACS\MCP452\FIXES
  - Updates directory: Q:\UPDCD\FIXPACS\MCP452\UPDATES
  - Addons directory: Q:\ADDONS
  - Location of original CD-ROM files: Q:\UPDCD\ORIGINALCD\MCP452
  - Burn directory: Q:\UPDCD\BURN
  - Directory of MkISOFS and CDR2/2: O:\OS2\APPS\CDR2\_0\_0
- Files:**
  - UPDCD log file: Q:\UPDCD\UPDCD.LOG
  - Burn log file: Q:\UPDCD\BURN.LOG
  - Temporary CD image file: Q:\UPDCD\IMAGE.ISO
- OS/2 Version:** MCP/ACP
- Program language:** ENG
- General options:**
  - Compress disk
  - Add SCSI DRV
  - Add DANI IDE
  - Add DANI FLT
  - Add DANI Boot
  - Add DANI DASD
  - Add add-ons
  - Add Up2TB
  - Add FAT32
  - Add USB
- Product Settings:** LxLite, MemDisk, Add-on
- Virtual disk:**
  - Insert, Eject, Test buttons
  - Drive letter: U:
  - SVDSK,  VFDSK
- Burning program:**
  - CDR/2,  RSJ,  Emulate floppy
- CDRecord/2 options:**
  - SCSI Device ID: 0 0 0
  - Burner speed: 2
  - Extra parameters:
  - DVD

At the bottom, the **Build** button is highlighted with a red circle.

# Create ISO Files

- The „new“ OS/2 files as well as all the Addons will be placed in the **UPDCD\BURN** directory

# Create ISO Files

- The „Build“ process in action.....

```
Prepare fixpak, version 2.61
```

```
Target directory      : Q:\UPDCD\FIX
Source directory     : Q:\UPDCD\FIX

Current activity     : Preparing OS/2 Base Fixpak...
Target object        :
Source object        : Q:\UPDCD\FIX\NEW_DIRS.OS2

Update action        : DEL
Action return code   : 0

Elapsed time [m]     : 0.22
Number of errors     : 0
Number of warnings   : 0
Update log           : Q:\UPDCD\UPDCD.LOG
```

# Create ISO Files

- The „new“ OS/2 files as well as all the Addons will be placed in the **UPDCD\BURN** directory
- Once the Build Process finished please check if there are **warnings** and / or **errors** displayed
- You can copy all the **other files** (i.e. Additional Drivers, Files, Programs, a special readme file and so on...) you want to have on the DVD in this Folder too

# Create ISO Files

- Once you prepared all your files up to 4.5 GB press the „**Burn**“ Button to start the next step

OS/2 Version: MCP/ACP Program language: ENG

**Directories**

Fixes directory: Q:\UPDCD\FIXPACS\MCP452\FIXES [Browse] [Test]

Updates directory: Q:\UPDCD\FIXPACS\MCP452\UPDATES [Browse] [Test]

Addons directory: Q:\ADDONS [Browse] [Test]

Location of original CD-ROM files: Q:\UPDCD\ORIGINALCD\MCP452 [Browse] [Test]

Burn directory: Q:\UPDCD\BURN [Browse] [Test]

Directory of MkISOFS and CDRecord/2: O:\OS2\APPS\CDR2\_0\_0 [Browse] [Test]

**Files**

UPDCD log file: Q:\UPDCD\UPDCD.LOG [Browse] [View]

Burn log file: Q:\UPDCD\BURN.LOG [Browse] [View]

Temporary CD image file: Q:\UPDCD\IMAGE.ISO [Browse] [Test]

**General options**

Compress disk  Add add-ons

Add SCSI DRV  Add Up2TB

Add DANI IDE  Add FAT32

Add DANI FLT  Add USB

Add DANI Boot

Add DANI DASD

**Product Settings**

[LxLite] [MemDisk] [Add-on]

**Virtual disk**

[Insert] [Eject] [Test] Drive letter: U:

SVDSK  VFDSK

**Burning program**

CDR/2  RSJ  Emulate floppy

**CDRecord/2 options**

SCSI Device ID: 0 0 0 Burner speed: 2

Extra parameters:   DVD

[Save] [Build] [Burn] [Help] [Exit]

# Create ISO Files

The Menu appears – choose „**3 – MAKE CD IMAGE FILE**“ (Works with DVD also)

```
Update CD - Imagefile & CD Burn Script
```

```
The build procedure has ended with 0 errors and 2 warnings.  
See the following file for output details: Q:\UPDCD\BURN.LOG
```

```
* = Process done.
```

```
0 - Quit.
```

```
1 - View burn log.
```

```
3 - Make CD imagefile.
```

```
4 - Blank CD-RW (necessary prior to burning if using CD-RW media).
```

```
5 - Burn CD-R or CD-RW.
```

```
6 - Verify burned CD or DVD.
```

```
7 - Let me specify my steps that should run as a batch job.
```

# Create ISO Files

- If „**errors**“ occure and you can not overcome them, try the manual way
- Open a command line and Execute this command from the cdrecord/2 directory:

```
mkisofs.exe -l -L -R -jchartset cp850 -split-output -o h:\updcdd\burn\track -b DISK_0_1.IMG -c BOOT.CAT -log-file burn.log h:\updcdd\burn
```

- This will create in ISO Files from your files located in \UPDCDD\BURN in the same directory, divided in pieces of a maximum of 1 GB
- Please do change the h:\updcdd\burn directory according to your system

# BURN DVD

- Once the ISO Files are created select from the menu:

**5 – Burn CD or CDRW** (and in fact: DVD)

# BURN DVD

- In case of an error (i.e. „can not find files“) use the manual way to start the burn process, to do so got to the commandline and change to the cdrecord/2 directory

**DVDdao.exe -d 0,1,0 --speed 2 -v 5 h:\updc\burn\track\_00**

**h:\updc\burn\track\_01 h:\updc\burn\track\_02 h:\updc\burn\track\_03**

**h:\updc\burn\track\_04**

- Please do change: the **SCSI ID** of your burner according to the parameters set in cdrecord/2 ; the **-v 5** parameter according to the number of splitted ISO Files that have been created; the **Path to the ISO Files**

# FINISH – I HOPE :-)



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# Limitations/Problems

- The same procedure did work for me in **VirtualBox** with eComStation 2.0 RC 6 installed under Windows VISTA

# Limitations/Problems

- The same procedure did work for me in **VirtualBox** with eComStation 2.0 RC 6 installed under Windows VISTA
- **BUT:**
- I was not able to start a burn process because I did not manage **cdrecord/2 to recognize the DVD burner** – it might work with RSJ CD Writer, but I did not test it
- Transfer files via shared Folders to Windows and burn them with.... ??

# Limitations/Problems

- **USB DVD**
- I did not get cdrecord/2 to recognize an USB Drive under nativ eComstation as well
- It might work with RSJ CD Writer but I did not test it until now

# Links

## UPDCD **Homepage** and **program** files:

<http://xenia.sote.hu/~kadzsol/rexx/sajat/updcd.htm>

<http://xenia.sote.hu/~kadzsol/rexx/sajat/doc/updcd260.zip>

<http://xenia.sote.hu/~kadzsol/rexx/sajat/doc/updcd261.zip>

<http://xenia.sote.hu/~kadzsol/rexx/sajat/doc/updcdfaq.htm>

<http://xenia.sote.hu/~kadzsol/rexx/sajat/doc/dirlists.zip>

## **Helper Applications**

<http://hobbes.nmsu.edu/download/pub/os2/system/drivers/filesys/vfdisk30.zip>

<http://hobbes.nmsu.edu/download/pub/os2/apps/mmedia/cd/cd-r/dvddao-2.0.4.zip>

[http://hobbes.nmsu.edu/download/pub/os2/apps/mmedia/cd/cd-r/audiocdcreator\\_056.zip](http://hobbes.nmsu.edu/download/pub/os2/apps/mmedia/cd/cd-r/audiocdcreator_056.zip)

## **Forum**

<http://tech.groups.yahoo.com/group/updcd/links>

Thank you very much for your  
patience and for your attention!!