

# Netlabs EPM Distribution

Andreas Schnellbacher

Warpstock Europe 2006

- 1 Introduction
- 2 Differences between EPM versions
- 3 Features
- 4 Configuration
- 5 The NEPMD project

# Why use that old program?

- **Basic EPM already installed on most systems**
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion



# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Why use that old program?

- Basic EPM already installed on most systems
- Not many other options yet (for OS/2)
- Easily scriptable and highly configurable
- Huge set of E macros available
- High quality of NEPMD macros
- Usability for beginners and programmers
- Easy macro language
- Many search options
- Highly configurable syntax expansion

# Basic EPM limitations

- No folding
- Simpler highlighting
- Due to the lack of C sources, some bugs will never be fixed.

# Basic EPM limitations

- No folding
- Simpler highlighting
- Due to the lack of C sources, some bugs will never be fixed.

# Basic EPM limitations

- No folding
- Simpler highlighting
- Due to the lack of C sources, some bugs will never be fixed.

# Programming interfaces

- E macro language (feels like REXX, sources available)
- EPM-REXX
- C via E Toolkit functions
- EPM.EXE is just a frame for ETK functions and E macros
- No C sources available: sometimes workarounds using E lead to "slow fixes".

# Programming interfaces

- E macro language (feels like REXX, sources available)
- EPM-REXX
- C via E Toolkit functions
- EPM.EXE is just a frame for ETK functions and E macros
- No C sources available: sometimes workarounds using E lead to "slow fixes".



# Programming interfaces

- E macro language (feels like REXX, sources available)
- EPM-REXX
- C via E Toolkit functions
- EPM.EXE is just a frame for ETK functions and E macros
- No C sources available: sometimes workarounds using E lead to "slow fixes".

# Programming interfaces

- E macro language (feels like REXX, sources available)
- EPM-REXX
- C via E Toolkit functions
- EPM.EXE is just a frame for ETK functions and E macros
- No C sources available: sometimes workarounds using E lead to "slow fixes".

# Programming interfaces

- E macro language (feels like REXX, sources available)
- EPM-REXX
- C via E Toolkit functions
- EPM.EXE is just a frame for ETK functions and E macros
- No C sources available: sometimes workarounds using E lead to "slow fixes".

# From Warp 3 to eCS

## From EPM v5.51 (W3) to v6.03b (W4)

- Keyword highlighting, toolbar
- Faster, most limitations fixed

## From EPMBBS to W4.x

- NLS
- Minor fixes

## From W4.x to eCS

- Dialogs: 9.WarpSans, Close button

# From Warp 3 to eCS

## From EPM v5.51 (W3) to v6.03b (W4)

- Keyword highlighting, toolbar
- Faster, most limitations fixed

## From EPMBBS to W4.x

- NLS
- Minor fixes

## From W4.x to eCS

- Dialogs: 9.WarpSans, Close button

# From Warp 3 to eCS

## From EPM v5.51 (W3) to v6.03b (W4)

- Keyword highlighting, toolbar
- Faster, most limitations fixed

## From EPMBBS to W4.x

- NLS
- Minor fixes

## From W4.x to eCS

- Dialogs: 9.WarpSans, Close button

# From Warp 3 to eCS

## From EPM v5.51 (W3) to v6.03b (W4)

- Keyword highlighting, toolbar
- Faster, most limitations fixed

## From EPMBBS to W4.x

- NLS
- Minor fixes

## From W4.x to eCS

- Dialogs: 9.WarpSans, Close button

# From Warp 3 to eCS

## From EPM v5.51 (W3) to v6.03b (W4)

- Keyword highlighting, toolbar
- Faster, most limitations fixed

## From EPMBBS to W4.x

- NLS
- Minor fixes

## From W4.x to eCS

- Dialogs: 9.WarpSans, Close button



# From W4.x/eCS to NEPMD v1.00

- **Installation**
- Architecture
- Sample macros integrated
- Better defaults
- Fixes and improvements
- 2 severe bugs (Advanced marking, Warpoverlay)

# From W4.x/eCS to NEPMD v1.00

- Installation
- Architecture
- Sample macros integrated
- Better defaults
- Fixes and improvements
- 2 severe bugs (Advanced marking, Warpoverlay)

# From W4.x/eCS to NEPMD v1.00

- Installation
- Architecture
- Sample macros integrated
- Better defaults
- Fixes and improvements
- 2 severe bugs (Advanced marking, Warpoverlay)

# From W4.x/eCS to NEPMD v1.00

- Installation
- Architecture
- Sample macros integrated
- Better defaults
- Fixes and improvements
- 2 severe bugs (Advanced marking, Warpoverlay)

# From W4.x/eCS to NEPMD v1.00

- Installation
- Architecture
- Sample macros integrated
- Better defaults
- Fixes and improvements
- 2 severe bugs (Advanced marking, Warpoverlay)

# From W4.x/eCS to NEPMD v1.00

- Installation
- Architecture
- Sample macros integrated
- Better defaults
- Fixes and improvements
- 2 severe bugs (Advanced marking, Warpoverlay)

# From NEPMD v1.00 to v2.00

- **Fixes**
  - RecompileNew
  - Improved Toolbar, Menu, Info bars
  - Easier configuration
  - EPM.INI, PATH/LIBPATH
  - Countless macro improvements

# From NEPMD v1.00 to v2.00

- Fixes
- **RecompileNew**
- Improved Toolbar, Menu, Info bars
- Easier configuration
- EPM.INI, PATH/LIBPATH
- Countless macro improvements



# From NEPMD v1.00 to v2.00

- Fixes
- RecompileNew
- Improved Toolbar, Menu, Info bars
- Easier configuration
- EPM.INI, PATH/LIBPATH
- Countless macro improvements

# From NEPMD v1.00 to v2.00

- Fixes
- RecompileNew
- Improved Toolbar, Menu, Info bars
- Easier configuration
- EPM.INI, PATH/LIBPATH
- Countless macro improvements

# From NEPMD v1.00 to v2.00

- Fixes
- RecompileNew
- Improved Toolbar, Menu, Info bars
- Easier configuration
- EPM.INI, PATH/LIBPATH
- Countless macro improvements

# From NEPMD v1.00 to v2.00

- Fixes
- RecompileNew
- Improved Toolbar, Menu, Info bars
- Easier configuration
- EPM.INI, PATH/LIBPATH
- Countless macro improvements

## Features by example

### Some of the following examples were shown

- Execution of current line with Alt+0 or Alt+=
- File loading with Alt+1
- Resolving of environment vars on file loading
- Config.sys editing with SoftWrap command
- Shell command with command completion
- Contents/functions overview with TagScan command (MB2 on message line)
- Bracket matching with Ctrl+[ or Ctrl+8
- Comment and UnComment with Alt+K and Alt+Sh+K
- Edit, Load and Save history

# Configuration overview

- **EPM startup options**
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C



# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

# Configuration overview

- EPM startup options
- Settings dialog
- Menu items
- REXX configuration files PROFILE.ERX and RUN.ERX
- Mode configuration files
- Adding configuration constants to MYCNF.E
- Replacing simple E macros files MODECNF.E and STDKEYS.E
- Writing own macros in REXX, E or C

## Configuration by example

### Some of the following examples were shown

- Change of mode via Mode command
- Change color palette
- Default, mode- and file-specific settings
- Menu items for configuration (File properties/View/Options)
- Configuration of action for Run command via RUN.ERX
- RecompileNew command to recompile all (new) user macros
- Edit/Save/Search options
- Configuration of mode-specific Coding Styles via PROFILE.ERX

# History

- **Founded in 2002**
- **Members (in alphabetic order):**
  - Christian Langanke
  - Andreas Schnellbacher  
`andreas.schnellbacher@web.de`
  - John Small

# History

- Founded in 2002
- Members (in alphabetic order):
  - Christian Langanke
  - Andreas Schnellbacher  
`andreas.schnellbacher@web.de`
  - John Small



# Contact

Yahoo group, see <http://nepmd.netlabs.org> → Links  
Will probably soon move to Gmane, like other Netlabs projects.

Thank you very much for your attention!