

## Version 2014.04.06

### Config.txt

- **color** =  
Replaced by the more versatile **colors** = <16 x color values> for the DOS text mode colors.
- **lpt/com1-9** =  
If at runtime the content is recognized as PCL or PostScript, #<lpt/com1-9>.pdf is created to be used with something like:  
LPT1 = pdfxcview.exe /print #lpt1.pdf.  
That is handled by the Windows command interpreter.  
If you want to start the program directly and to be hidden, enclose it with "":  
LPT1 = "path\pdfxcview.exe" /print #lpt1.pdf.
- **use**  
An eventual error message clarifies better why it didn't work (when using Windows environment variables).
- **window** =  
Extended to window = <max perc>[,x-pos:y-pos] to set the initial window position.

### Embedded TTF font.

- Location of the underline position corrected.

### WPDos

- Color values on screen are translated to text attributes (underline, italic if wp = .. > 0).

### DOS

- COPY <file> resulted in COPY <file> <file>, wiping out <file>.
- A command like "test" and a found file "test" would try to execute that file.
- At the command line environment variables were not replaced by their values.
- Variables not found in the DOS environment are now looked for in the Windows environment.
- The VER command reports the vDos version.
- DOS API 21h-2Bh (Set system date) and 21h-2Dh (Set system time) always returned AL=FFh (invalid date/time). It now validates the date or time and returns AL=0 if valid (date/time set, but not really).

## Version 2014.03.14

### Config.txt

- **frame** = on (default off)  
Adds title bar and borders to the vDos window.  
The system menu shows the [Win] commands and About...  
The close button is active, but only terminates vDos if no files are open.
- **font** = filename  
Replaces the vDos TTF font with filename.ttf.  
The vDos font is preferred, it's optimized for the DOS/VGA 8x16 raster font, but lacks localization.  
It's (again) embedded in the executable, no need for the external vDos.ttf file.
- **lins** = 24 up to 60 (default 25) and **cols** = 80 up to 160 (default 80)  
Sets the numbers of lines and columns in text mode.  
Any combination can be used, you have to see if this is useful for/supported by your application.
- **window** = 100  
Starts vDos in "fullscreen" mode.
- **hide** = 0 up to 2^31 (default 5)  
The vDos window remains hidden for this time in tenths of a second.
- **wp** = version (default 0)  
WPdos: fixes an issue with device = clipboard, planned to show underlined/bold text etc.

### Keyboard

- [Ctrl]+C/V and F11/12 have to be complemented by [Win].  
Some applications needed the combination w/o [Win].
- [Alt][Enter] switches to/from "fullscreen".  
It's still a window, set to the size of the desktop.  
Note: [Alt] has to be released between switching (SDL bug).
- Fixed some incompatibility issues introduced with support of localized keyboards.

### Copy/paste

- Text is exchanged with the clipboard using Unicode, so this should function for all code pages.
- The mouse can be used for copying text. Start selecting with [Win][Ctrl]+mouse click, releasing the mouse button will copy the selected text to the clipboard.

### Printing

- Added DOS support of output to PCL and PostScript printers.  
Nothing to set, PCL/PostScript is determined by examining the output.  
The (ps)pcl6.exe program is needed for this.  
Output is converted to PDF and opened in the standard PDF viewer.
- Added device = clipboard, copies printer output to the Windows clipboard.
- Dropped device = <filename>, the files #device.asc (ASCII) and #device.txt (Unicode) are created in the vDos working directory.
- Added device = <Windows command/program>, this is assumed if it's not DOSprinter, dummy etc. For instance "lpt5 = notepad #lpt5.txt" will open the output to lpt5 in notepad.
- Fixed issues with time-outs.

### Miscellaneous

- vDos icon redesigned, unfocussed vDos window (top line).
- Extended/XMS memory is now 16MB (was 7MB).
- Localization of most messages (one has to make its own language.txt)
- Applications stalling when exiting from swapping out to DOS.
- Starting Windows programs with path: they don't have to be in the current directory.
- Source code cleaned up, no fixed file paths.

Fixed some minor bugs.

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