

PureBasic Print

History

Version 1.0 (beta), 2009-08-01, First release.

Author

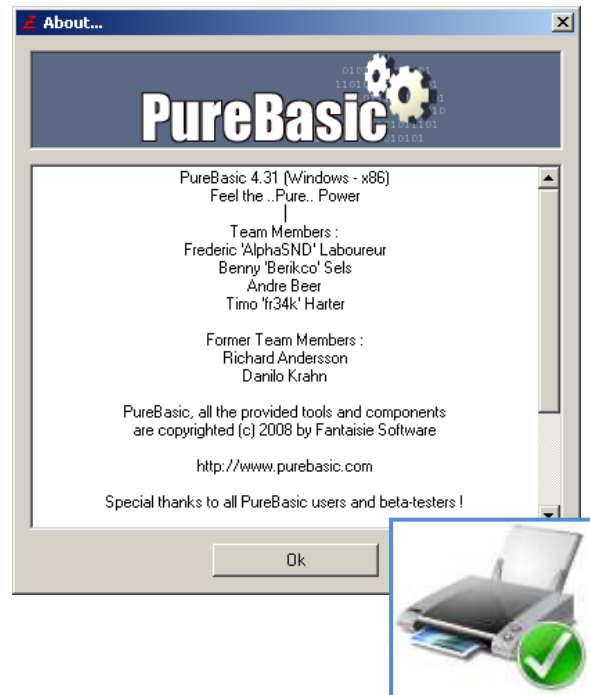
Flype, flype(at)gmail(dot)com

Homepage

<http://forum.purebasic.com/>

Purpose

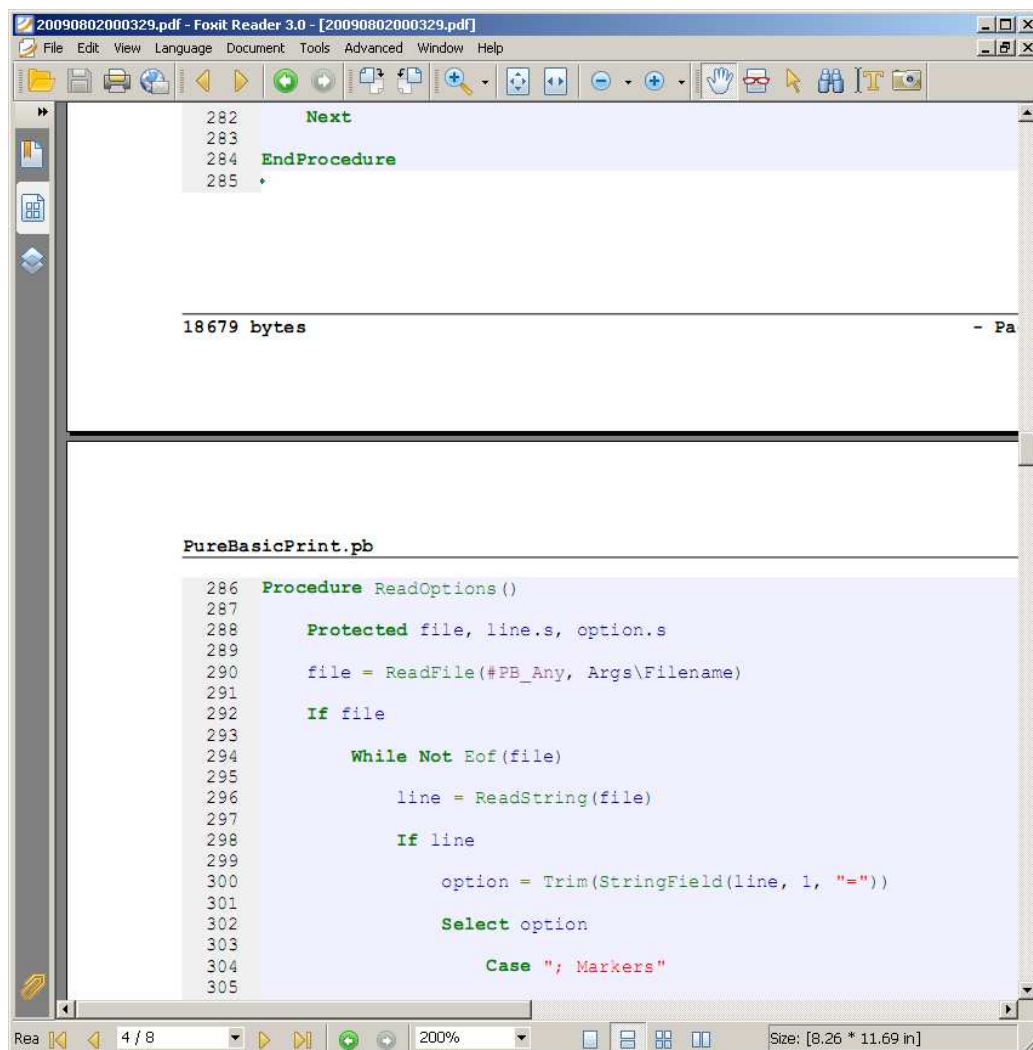
A PureBasic IDE Tool to print code sources



Supported features

- IDE Tool (Command Line arguments)
- IDE Options (Options written by IDE at the bottom of .PB files)
- IDE Preferences (Editor Colors, Tab Length and more)
- IDE Markers as Page Breaks
- IDE Syntax Hilighting (using SyntaxHilighting.DLL)
- 3 x Color Modes (IDE, IDE on White Background, Black on White Background)
- Can print %FILE or %TEMPFILE
- Print Header (File Name, Build Count)
- Print Footer (File Size, Page, Date)
- Print only Selection (%SELECTION)
- Keyword Bolding
- Line Numbering (Gutter)
- Automatic Line Wrapping
- Define Margins of the document (Left x Right x Top x Bottom)
- Magnify the font to increase or decrease the zoom factor (for large layout printer)
- Show Current Line (%CURSOR)
- Show Print Requester

SCREENSHOT OF A OUTPUT PRINT



Screenshot of a PureBasicPrint printing
using a virtual printer (PDFCreator)

TODO

- Add: Line Spacing
- Add: Linux/MacOS Compatible
Should be but the Syntax Hilighting SDK is not available on Linux/MacOS at the moment
- Add: Graphical User Interface (?)
- Optimize: Some redundant calculations
- Optimize: Read options from the end of the .PB file to increase the loading part
- Known bug: Line wrapping do not works on large comments at the moment

Supported Command Line Arguments

Parameter → "%FILE"

Parameter → "%TEMPFILE"

Parameter → CURSOR=%CURSOR

Parameter → SELECTION=%SELECTION

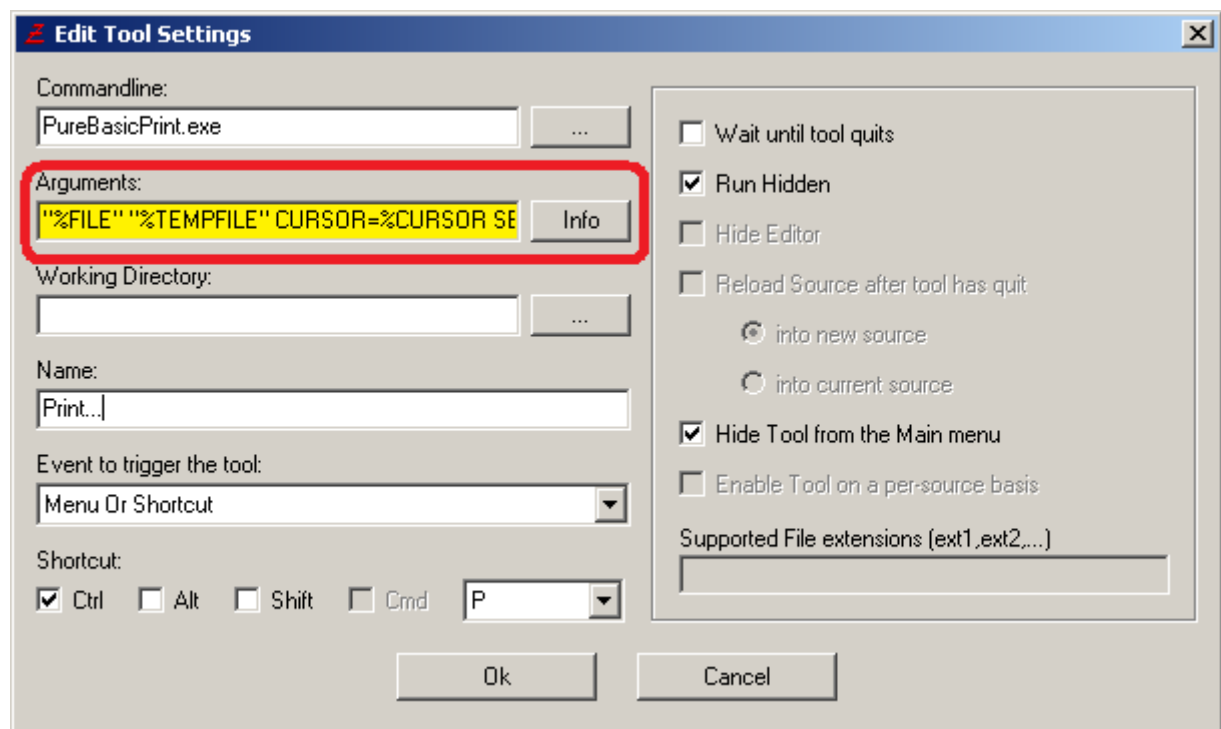
Parameter → REQUESTER=0 | 1

Parameter → PAGEBREAKS=0 | 1

Parameter → MAGNIFICATION=3

Parameter → MARGINS=LEFTxRIGHTxTOPxBOTTOM

Parameter → COLORMODE=IDE | IDEONWHITE | BLACKONWHITE



Supported Options from .PB files

Option → Markers

Option → EnableBuildCount

```
648
649 End
650
651 ;-----
652 ;--- End of file
653 ;-----
654
655 ; IDE Options = PureBasic 4.31 (Windows - x86)
656 ; CursorPosition = 28
657 ; FirstLine = 27
658 ; Folding = QAA4
659 ; Markers = 138,195,307,404,503,624
660 ; UseIcon = PureBasicPrint.ico
661 ; Executable = C:\Program Files\PureBasic431x86\PureBasicPrint.exe
662 ; HideErrorLog
663 ; CommandLine = FILE="PureBasicPrint.pb" MAGNIFICATION=6 PAGEBREAKS=1
664 ; EnableCompileCount = 1059
665 ; EnableBuildCount = 72
666 ; EnableExeConstant
667 ; IncludeVersionInfo
668 ; VersionField0 = 1.0.0.%COMPILECOUNT
669 ; VersionField1 = 1.0.0.%BUILDCOUNT
```

Markers

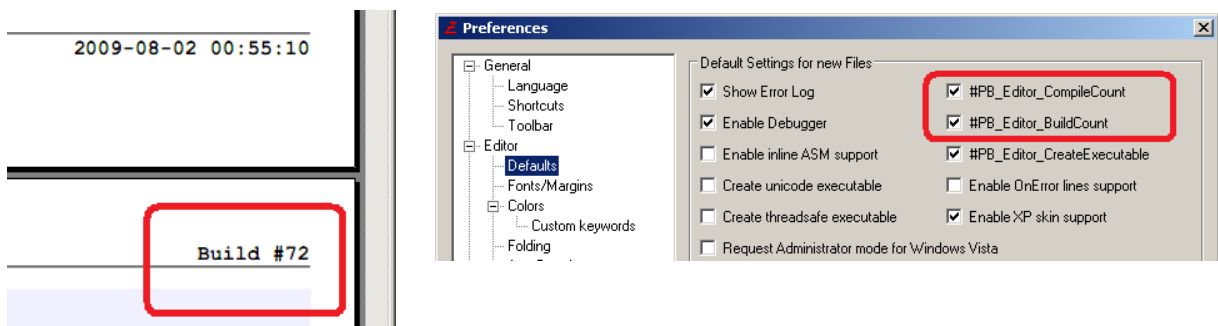
Markers of the PureBasic IDE (➤ Ctrl + F2) are used by PureBasicPrint for inserting **PageBreaks** in the document if PAGEBREAKS=1 in the command line arguments.

This is useful for clarify the printing of your code sources.

```
497 ; --- Move Drawing Position
498
499 DrawingX + TextWidth(text)
500
501 EndProcedure
502 ➤
```

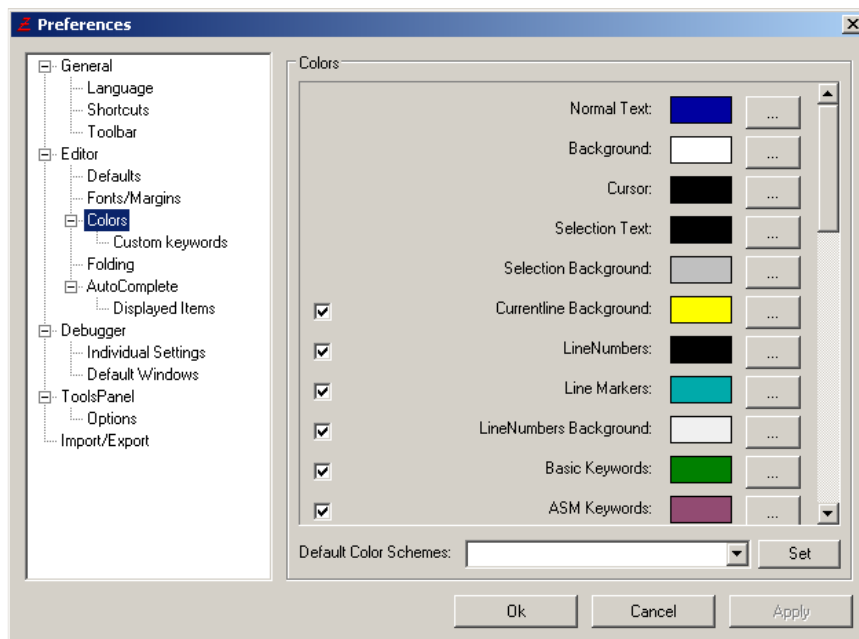
EnableBuildCount

If this option is specified in the .PB file then the Build counter is drawn on the top right of the header.



Supported PureBasic IDE Preferences File

PureBasic IDE → Menu → File → Preferences... →



General → Display full Source Path

General → Language

Editor → Tab Length

Editor → Fonts/Margins → Enable Syntax coloring

Editor → Fonts/Margins → Enable bolding of Keywords

Editor → Fonts/Margins → Display Line numbers

Editor → Fonts/Margins → Select Font -> Name/Size/Style

Editor → Colors → BackgroundColor

Editor → Colors → ProcedureBackColor

Editor → Colors → LineNumberColor

Editor → Colors → LineNumberBackColor

Editor → Colors → CurrentLineColor

Editor → Colors → NormalTextColor

Editor → Colors → BasicKeywordColor

Editor → Colors → CommentColor

Editor → Colors → ConstantColor

Editor → Colors → StringColor

Editor → Colors → PureKeywordColor

Editor → Colors → ASMKeywordColor

Editor → Colors → OperatorColor

Editor → Colors → StructureColor

Editor → Colors → NumberColor

Editor → Colors → PointerColor

Editor → Colors → SeparatorColor

Editor → Colors → LabelColor

Installation – Step 1

Copy these files from the **PureBasicPrint.zip** archives:

- ➔ PureBasicPrint.exe
- ➔ SyntaxHilighting.dll

PureBasicPrint.doc	205 Ko
PureBasicPrint.exe	33 Ko
PureBasicPrint.ico	2 Ko
PureBasicPrint.pb	19 Ko
PureBasicPrint_DEBUG.pb	4 Ko
SyntaxHilighting.dll	22 Ko
SyntaxHilighting.lib	2 Ko

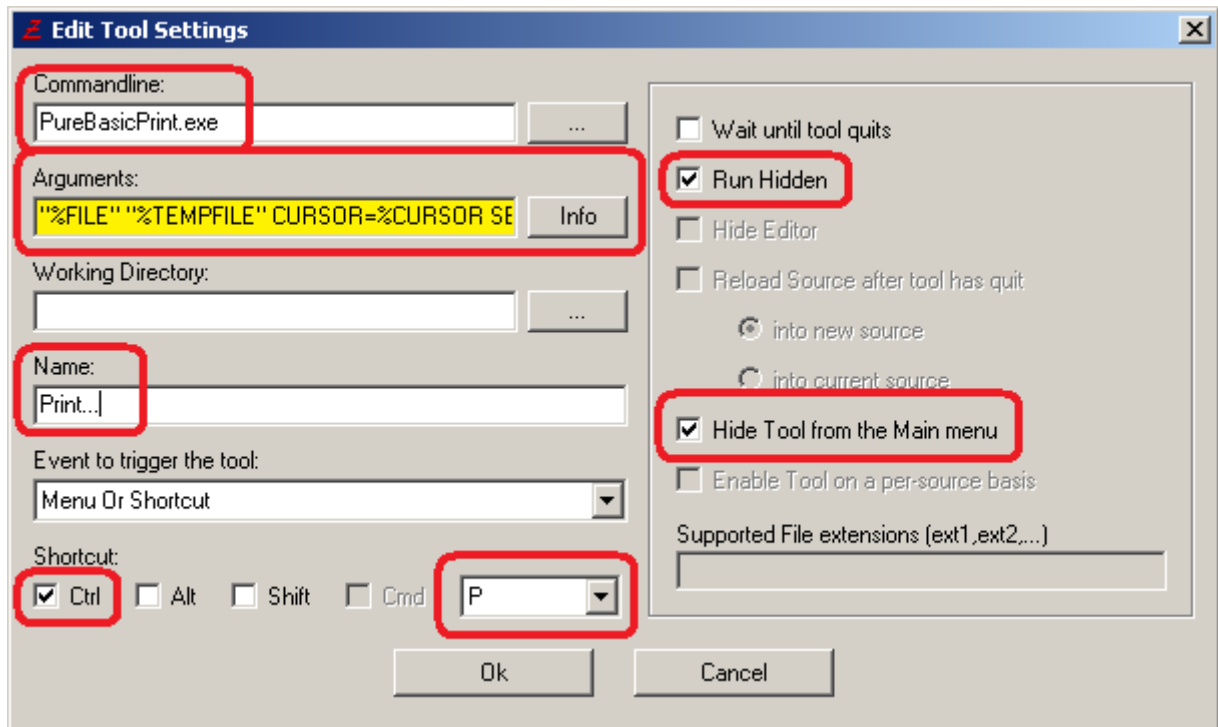
And paste them into the **PureBasic installation folder**.

Catalogs		17/06/2009 10:40
Compilers		18/07/2009 14:38
Examples		17/06/2009 10:40
Help		18/07/2009 21:00
Images		27/07/2009 23:58
PureLibraries		17/06/2009 10:40
Residents		19/07/2009 00:09
SDK		17/06/2009 10:40
SubSystems		18/07/2009 14:30
tailbite		18/07/2009 16:50
PureBasic.chm	2 231 Ko	04/06/2009 16:22
PureBasic.exe	1 032 Ko	04/06/2009 16:18
PureBasicPrint.exe	33 Ko	02/08/2009 00:16
SyntaxHilighting.dll	22 Ko	04/06/2009 16:18
unins000.dat	50 Ko	17/06/2009 10:40
unins000.exe	680 Ko	17/06/2009 10:39
Visual Designer.chm	185 Ko	12/04/2004 16:21
Visual Designer.exe	383 Ko	16/04/2006 17:39

Installation – Step 2

From the PureBasic IDE, creates two new **IDE tools**.

PureBasic IDE → Menu → Tools → Configure Tools...



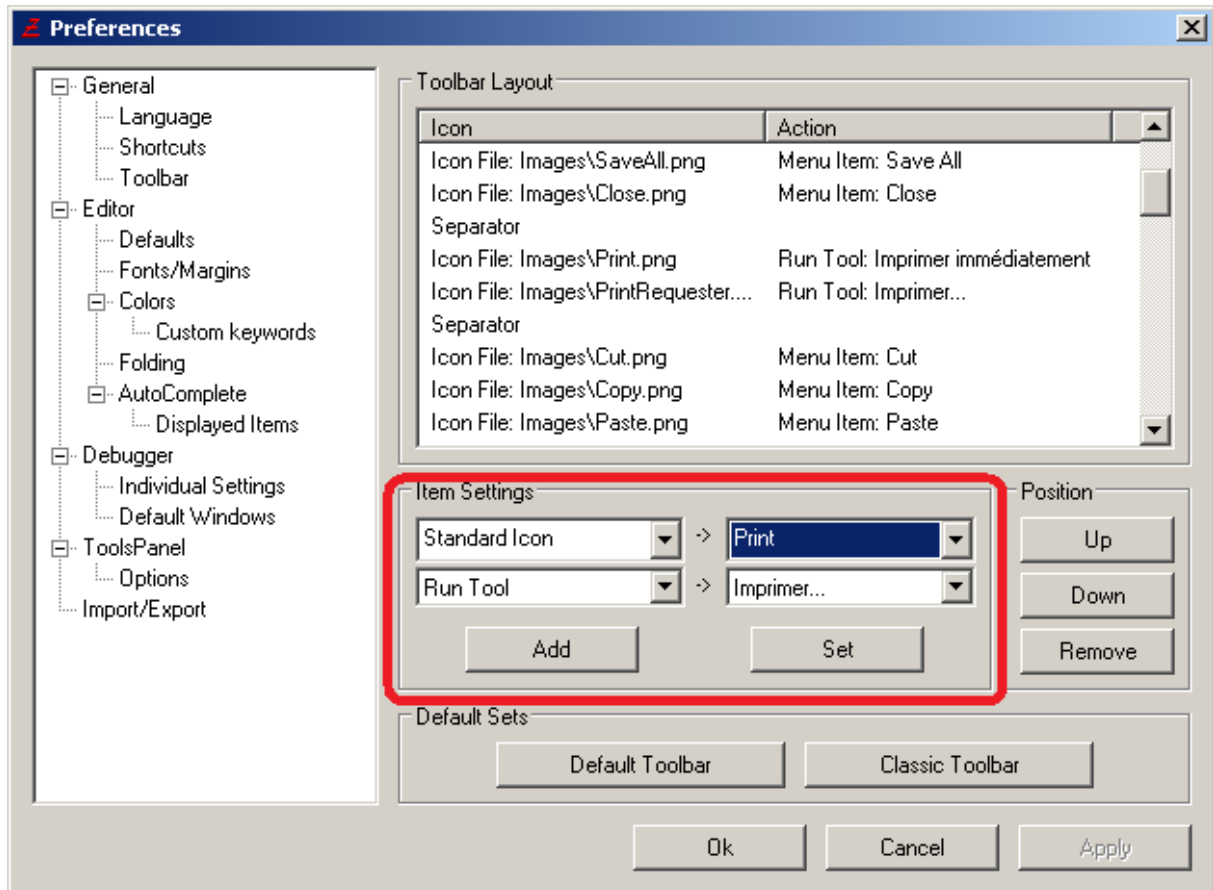
Command Line:	PureBasicPrint.exe
Arguments:	%FILE %TEMPFILE CURSOR=%CURSOR SELECTION=%SELECTION MAGNIFICATION=3 PAGEBREAKS=1 COLORMODE=IDE MARGINS=80x80x80x80
Name:	Print
Shortcut:	None
Hidden:	True
Hide from menu:	True

Command Line:	PureBasicPrint.exe
Arguments:	%FILE %TEMPFILE CURSOR=%CURSOR SELECTION=%SELECTION MAGNIFICATION=3 PAGEBREAKS=1 COLORMODE=IDE MARGINS=80x80x80x80 REQUESTER=1
Name:	Print...
Shortcut:	Ctrl + P
Hidden:	True
Hide from menu:	True

Installation - Step 3

From the PureBasic IDE, creates two new **ToolBar items**.

PureBasic IDE → Menu → File → Preferences... →
General → ToolBar → Add → Item Settings...



```
[Separator]
[Standard icon] + [Print] + [Run Tool] + [Print]
[Standard icon] + [Print] + [Run Tool] + [Print...]
[Separator]
```

