

Forum:[Hack Forums](#)

Thread: [PureBasic Examples & Discussion](#)

0x0000005 - December 16, 2020, 3:30 pm

Is anyone here currently coding with or fluent with PureBasic? Just curious as I use it a ton. Its super easy to whip up programs, and run without dependencies creating a super small exe or dll file. It has similarities to some languages like VB, Delphi, and C. Here's a sample console program that compiles to 13 kb uncompressed, and displays the product key in windows using some reg queries.

```
Code Procedure.s GetWindowsProductKey()
```

```
#KEY_WOW64_64KEY = $100
```

```
Protected hKey, Res, size = 280
```

```
Protected i, j, x, Result.s
```

```
Protected *mem = AllocateMemory(size)
```

```
Protected *newmem = AllocateMemory(size)
```

```
Protected *digits = AllocateMemory(25)
```

```
PokeS(*digits, "BCDFGHJKMPQRTVWXY2346789", -1, #PB_Ascii)
```

```
If OSVersion() <= #PB_OS_Windows_2000
```

```
Res = RegOpenKeyEx_(#HKEY_LOCAL_MACHINE, "Software\Microsoft\Windows  
NT\CurrentVersion", 0, #KEY_READ, @hKey)
```

```
Else
```

```
Res = RegOpenKeyEx_(#HKEY_LOCAL_MACHINE, "Software\Microsoft\Windows  
NT\CurrentVersion", 0, #KEY_READ | #KEY_WOW64_64KEY, @hKey)
```

```
EndIf
```

```
If Res = #ERROR_SUCCESS
```

```
RegQueryValueEx_(hKey, "DigitalProductID", 0, 0, *mem, @size)
```

```
RegCloseKey_(hKey)
```

```
If size <> 280
```

```
For i = 24 To 0 Step -1
```

```
x = 0
```

```
For j = 66 To 52 Step -1
```

```
x = (x << 8) + PeekA(*mem + j)
```

```
PokeA(*mem + j, x / 24)
```

```
x % 24
```

```
Next
```

```
PokeA(*newmem + i, PeekA(*digits + x))
```

```
Next
```

```
For i = 0 To 15 Step 5
```

```
Result + PeekS(*newmem + i, 5, #PB_Ascii) + "-"
```

```
Next
```

```
Result + PeekS(*newmem + 20, 5, #PB_Ascii)
```

```
EndIf
```

```
EndIf
```

```
FreeMemory(*mem) : FreeMemory(*newmem) : FreeMemory(*digits)
```

```
ProcedureReturn Result
```

```
EndProcedure
```

```
OpenConsole()
```

```
PrintN(GetWindowsProductKey())
```

I think this language is cool as hell, like delphi was back in the 5,6,7 version era. It has lots of built-in capabilities, as well as the ability to simply call native system API's or DLL calls.

It's also compatible (sorta) with MacOS and Linux, providing your code detects different OS's at compile-time. [purebasic\[dot\]com/documentation/index.html](http://purebasic[dot]com/documentation/index.html)

I just re-signed up, so this is my random first discussion post. I haven't been here, nor around the scene in general in a long long time. Cool to see this site is still around.

HFDone - December 17, 2020, 2:55 am

more like vb6 and C mix

my compiler

3k exe

5k dll

0x0000005 - December 20, 2020, 5:58 am

(Dec 17, 2020 03:55 AM)HFDone Wrote: [\[CITE\]](#) more like vb6 and C mix

my compiler

3k exe

5k dll

What lang. compiler? Still purebasic?

HFDone - December 20, 2020, 7:41 am

PureBasic

use compiler options to reduce size

0x0000005 - December 21, 2020, 9:15 am

(Dec 20, 2020 08:41 AM)HFDone Wrote: [\[CITE\]](#) PureBasic

use compiler options to reduce size

Did you modify the compiler in any way, or just using command-line switches?

I'd like to see those settings. :D

I'm currently using PB 5.31 mostly, but have other versions installed simultaneously.

lynakouba - February 21, 2022, 12:46 pm

heyyy is use purebasic since years !

I really don't understand why it has not a greater community

it deserves to be known by more people and get more support
you can do almost everything without any bs dependencies