So Solomon overlaid the house within with pure gold: and he made a partition by the chains of gold before the oracle; and he overlaid it with gold.

And the whole house he overlaid with gold, until he had finished all the house: also the whole altar that was by the oracle he overlaid with gold.

And within the oracle he made two cherubims of olive tree, each ten cubits high.

1 Kings 6:21 (King James)



## Biography of Terry A. Davis: The Greatest Programmer to Ever Live

Articles in Operating Systems and Low-Level Systems | By Hash Brown

Published 3 years ago | Last Update 3 years ago

The most comprehensive source and biography of information you will find o. the TempleOS creator, Terry A. Davis.



STEAM GROUP

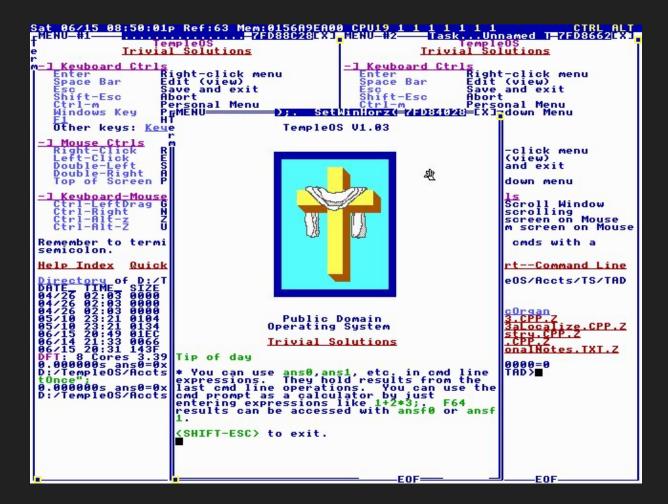
## TempleOS Fan Club

28 142 IN-GAME

**ONLINE** 

Overview





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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Uf("Foo")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    disassembles function
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Type()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    displays files
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dir;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      serves as file explorer
```

```
Sk. Unnamed Ta-16563928LX1
 Sat 02/27 20:43:46 FPS:29 Mem:0015989A00 CPU24 1 1 1 1 1 1 1
 TCopy this file to your ∕Home directory
eand modify it. This version is the
                                                                                                                                         TempleOS V5.03
 rdefault.
                                                                                                                    Public Domain Operating System
MCd;Dir:L
MCd("::/Demo");Dir;L
ecd("::/Demo/Graphics");Dir:L
ecd("::/Demo/Sraphics");Dir:L
ucd("::/Demo/Sraphics");Dir:L
ucd("::/Demo/DolDoc");Dir:L
ucd("::/Demo/MultiCore");Dir:L
ucd("::/Demo/MultiCore");Dir:L
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                                                                                                          Help & Index, Quick Start: Cmd line
                                                                                                         Directory of D:/Home

DATE TIME SIZE
02/27 70:37 0000 ±
02/27 20:37 0000 ±
06/21 11: MENU te...HutoComple 164EXI
01/10 23: Tword: Tour
02/27 20: eF01 TourPut
                                                                                                          D:/Home
                                                                                                                                               Tour
                                                                                                                                               TourMenu
                                                                                                                                               TourPutTask
   Run <mark>TOSStdIns</mark>() if you wish to
use the official staff /Home files.
Cd("::/Demo/AcctExample"):Dir:L
                                                                                                                                               Tour 5
                                                                                                                                               Tours
                                                                                                                                               Tour
                                                                                                                                               Touraco
Tourbillion
   Make all with <mark>BootHDIns().</mark>
Cd("::/Kernel"):Dir:L
Cd("::/Compiler"):Dir:L
                                                                                                                                               Tourist
                                                                                                                                               Tourmaline
                                                                                                                                               Tourn
   The <u>::/StartOS.HC</u> file is compiled
every time you boot.
cd("::/Adam"):Dir:L
                                                                                                                                               Tournament
                                                                                                                                               Tournery
                                                                                                                                               Tourney
                                                                                                                                               Tourniquet
    Welcome
                          Help & Index Demo Index
    FastReboot Take Tour Key Map
                             Fun Games
                                                                                         7
                             Black
                                                Flap
    Titanium Diamond
                                                 Bat
                           Bomber
    FlatTops
                             Golf
                                            Keepflway RawHide
                                                      -Line:0030 Col:0021=
                                                                                                                                                                          -EOF-
```

```
Mon 06/08 12:00:28 FPS:31 Mem:00160A7C00 CPU
eBasically, we make use of the compiler's
rdata about a class. We can add to the
mcompilers data arbitrary items, either string or
por int or F64 (if you typecast).
dThis stuff is not high performance.
iDon't get carried away -- it might be slow.
U0 RankOut(I64 i)
      %z".i."Cadet\0Ensign\0Captain\0Admiral\0President\0":
į,
çlass Test1Struct
                       print_str "%2d" dft_val 38;
dft_val RED; //Accepts expressions
print_str "%1d" dft_val 6/2 output_fun &RankOut;
   I64 age
I64 color
I64 rank
         color
class Test2Struct
                                                dft_val 38 percentile 54.20;
dft_val 5;
dft_val 123456;
   I64 age print_str "%2d"
I64 rank print_str "%1d"
I64 serial_num print_str "%6d"
                                                                        $IU.1$----%D %T----$IU.0$\n".cdt.cdt:
UO DumpStruct(U8 *_d,U8 *class_name=lastclass);
```

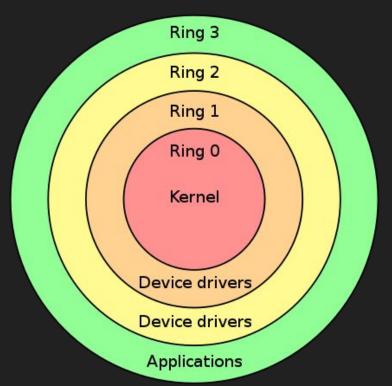
- lastclass keyword
- no ahead-of-time linker, object file
- only regular variables
- symbol table

```
no main()
```

- all code JIT-compiled on demand
- function tagged with #help-index
- #exe compiler
- full metadata, reflection support

```
Bool MyPutKey(I64 ch,I64 sc)
(//ch=ASCII; sc=scan_code
  //See Char for definition of scan codes.
  //See Key Allocations.
        Keuboard Devices.
    ou can customize keys. This routine
  //is called before the main editor
  //key handler DocPutKey().
  //You can intercept
  //Return TRUE if you completely
  //handled the key.
  I64 i,sc2=sc.u8[0];
 U8 *st1.*st2:
```

- no hardware support
- no memory protection
- no file permissions
- no threads



## Why TempleOS?

- http://www.codersnotes.com/notes/a-constructive-look-at-templeos/
- https://hackmd.io/@dethe/H1kZI6IOU
- https://www.youtube.com/watch?v=LtlyeDAJR7A
   https://www.quora.com/Can-I-get-your-honest-opinion-on-Terry-A-Davis-and-

**TempleOS** 

- https://christine.website/blog/series/templeos
- https://apoorvupreti.com/templeos/
- https://templeos.org/