



Bisoños Usuarios de GNU/Linux de Mallorca y Alrededores | Bergantells Usuaris de GNU/Linux de Mallorca i Afegitons

## The Evolution of a Programmer (7173 lectures)

Per **Carlos Cortes Cortes**, [carcoco](http://bulma.net/~carcoco/) (<http://bulma.net/~carcoco/>)

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Dando una vuelta por la web de nuestro amigo **Francisco Jesús**, me encontré con esta autentica joya *La evolución de un **programador** tipo, desde sus tiernos comienzos en basic hasta que llega a ser jefe ejecutivo de la empresa...*

Espero que os sirva almenos para pasar un rato agradable.

The Evolution of a Programmer

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High School/Jr.High

=====

```
10 PRINT "HELLO WORLD"
20 END
```

First year in College

=====

```
program Hello(input, output)
begin
writeln('Hello World')
end.
```

Senior year in College

=====

```
(defun hello
(print
(cons 'Hello (list 'World))))
```

New professional

=====

```
#include
void main(void)
{
char *message[] = {"Hello ", "World"}; int i; for(i = 0; i <2; ++i)
printf("%s", message[i]);
printf("\n");
}
```

Seasoned professional

=====

```
#include
#include
class string
{
private:
int size;
```



```

char *ptr;
public:
string() : size(0), ptr(new char('\0')) {} string(const string &s) :
size(s.size)
{
ptr = new char[size + 1];
strcpy(ptr, s.ptr);
}
~string()
{
delete [] ptr;
}
friend ostream &operator < >;
importheader();
importheader();
importheader("pshlo.h");
importheader("shlo.hxx");
importheader("mycls.hxx");
// needed typelibs
importlib("actimp.tlb");
importlib("actexp.tlb");
importlib("thlo.tlb");
[
uuid(2573F891-CFEE-101A-9A9F-00AA00342820), aggregatable ]
coclass CHello
{
cotype THello;
};
};
#include "ipfix.hxx"
extern HANDLE hEvent;
class CHello : public CHelloBase
{
public:
IPFIX(CLSID_CHello);
CHello(IUnknown *pUnk);
~CHello();
HRESULT __stdcall PrintSz(LPWSTR pwszString); private:
static int cObjRef;
};
#include
#include
#include
#include
#include "thlo.h"
#include "pshlo.h"
#include "shlo.hxx"
#include "mycls.hxx"
int CHello::cObjRef = 0;
CHello::CHello(IUnknown *pUnk) : CHelloBase(pUnk) {
cObjRef++;
return;
}
HRESULT __stdcall CHello::PrintSz(LPWSTR pwszString) {
printf("%ws\n", pwszString);
return(ResultFromScode(S_OK));
}
CHello::~CHello(void)
{
// when the object count goes to zero, stop the server cObjRef--;
if( cObjRef == 0 )
PulseEvent(hEvent);
return;
}
#include
#include
#include "pshlo.h"
#include "shlo.hxx"
#include "mycls.hxx"
HANDLE hEvent;
int _cdecl main(

```



```

int argc,
char * argv[]
) {
ULONG ulRef;
DWORD dwRegistration;
CHelloCF *pCF = new CHelloCF();
hEvent = CreateEvent(NULL, FALSE, FALSE, NULL); // Initialize the
OLE
libraries
CoInitializeEx(NULL, COINIT_MULTITHREADED);
CoRegisterClassObject(CLSID_CHello, pCF, CLSCTX_LOCAL_SERVER,
REGCLS_MULTIPLEUSE, &dwRegistration); // wait on an event to stop
WaitForSingleObject(hEvent, INFINITE); // revoke and release the class
object
CoRevokeClassObject(dwRegistration); ulRef = pCF->Release(); // Tell
OLE we are going away.
CoUninitialize();
return(0); }
extern CLSID CLSID_CHello;
extern UUID LIBID_CHelloLib;
CLSID CLSID_CHello = { /*
2573F891-CFEE-101A-9A9F-00AA00342820 */ 0x2573F891,
0xCFEE,
0x101A,
{ 0x9A, 0x9F, 0x00, 0xAA, 0x00, 0x34, 0x28, 0x20 } };
UUID LIBID_CHelloLib = { /*
2573F890-CFEE-101A-9A9F-00AA00342820 */ 0x2573F890,
0xCFEE,
0x101A,
{ 0x9A, 0x9F, 0x00, 0xAA, 0x00, 0x34, 0x28, 0x20 } };
#include
#include
#include
#include
#include
#include "pshlo.h"
#include "shlo.hxx"
#include "clsid.h"
int _cdecl main(
int argc,
char * argv[]
) {
HRESULT hRslt;
IHello *pHello;
ULONG ulCnt;
IMoniker * pmk;
WCHAR wcsT[_MAX_PATH];
WCHAR wcsPath[2 * _MAX_PATH];
// get object path
wcsPath[0] = '\\0';
wcsT[0] = '\\0';
if( argc 1) {
mbstowcs(wcsPath, argv[1], strlen(argv[1]) + 1); wcsupr(wcsPath); }
else {
fprintf(stderr, "Object path must be specified\n"); return(1); }
// get print string
if(argc 2)
mbstowcs(wcsT, argv[2], strlen(argv[2]) + 1); else
wcscpy(wcsT, L"Hello World");
printf("Linking to object %ws\n", wcsPath); printf("Text String
%ws\n", wcsT);
// Initialize the OLE libraries
hRslt = CoInitializeEx(NULL, COINIT_MULTITHREADED);
if(SUCCEEDED(hRslt)) {
hRslt = CreateFileMoniker(wcsPath, &pmk); if(SUCCEEDED(hRslt))
hRs
t = BindMoniker(pmk, 0, IID_IHello, (void **)&pHello);
if(SUCCEEDED(hRslt)) {
// print a string out
pHello->PrintSz(wcsT);
Sleep(2000);

```



```

ulCnt = pHello-Release();
}
else
printf("Failure to connect, status: %lx", hRslt); // Tell OLE we are
going away.
CoUninitialize();
}
return(0);
}

```

Apprentice Hacker

```

=====
#!/usr/local/bin/perl
$msg="Hello, world.\n";
if ($#ARGV = 0) {
while(defined($arg=shift(@ARGV))) {
$outfilename = $arg;
open(FILE, "" . $outfilename) || die "Can't write $arg: $!\n";
print
(FILE $msg);
close(FILE) || die "Can't close $arg: $!\n"; }
} else {
print ($msg);
}
}
1;

```

Experienced Hacker

```

=====
#include
#define S "Hello, World\n"
main(){exit(printf(S) == strlen(S) ? 0 : 1);}

```

Seasoned Hacker

```

=====
% cc -o a.out ~/src/misc/hw/hw.c
% a.out

```

Guru Hacker

```

=====
% cat
Hello, world.
^D

```

New Manager

```

=====
10 PRINT "HELLO WORLD"
20 END

```

Middle Manager

```

=====
mail -s "Hello, world." bob@b12
Bob, could you please write me a program that prints "Hello, world."?
I need it by tomorrow.
^D

```

Senior Manager

```

=====

```



```
% zmail jim
I need a "Hello, world." program by this afternoon.
```

```
Chief Executive
=====
% letter
letter: Command not found.
% mail
To: ^X ^F ^C
% help mail
help: Command not found.
% damn!
!: Event unrecognized
% logout
```

<http://obelix.umh.es/web/franjesus/><sup>(1)</sup>

<http://obelix.umh.es/web/franjesus/evol.txt><sup>(2)</sup>

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[http://bulma.net/todos.phtml?id\\_autor=132](http://bulma.net/todos.phtml?id_autor=132)<sup>(3)</sup>

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#### Lista de enlaces de este artículo:

1. <http://obelix.umh.es/web/franjesus/>
2. <http://obelix.umh.es/web/franjesus/evol.txt>
3. [http://bulma.net/todos.phtml?id\\_autor=132](http://bulma.net/todos.phtml?id_autor=132)

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