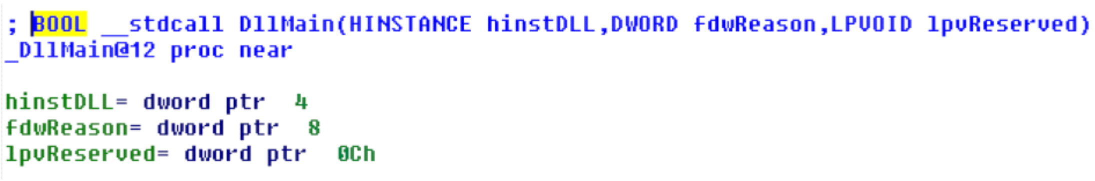
Progetto **04/04/2023**

Funzione Dllmain

Apriamo il file con Ida e seleziono la funzione Dllmain dalla barra di ricerca:

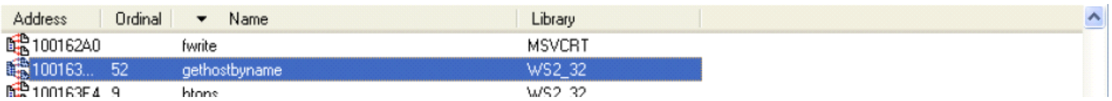


```
; BOOL __stdcall DllMain(HINSTANCE hinstDLL,DWORD fdwReason,LPVOID lpvReserved)
_DllMain@12 proc near

hinstDLL= dword ptr  4
fdwReason= dword ptr  8
lpvReserved= dword ptr  0Ch
```

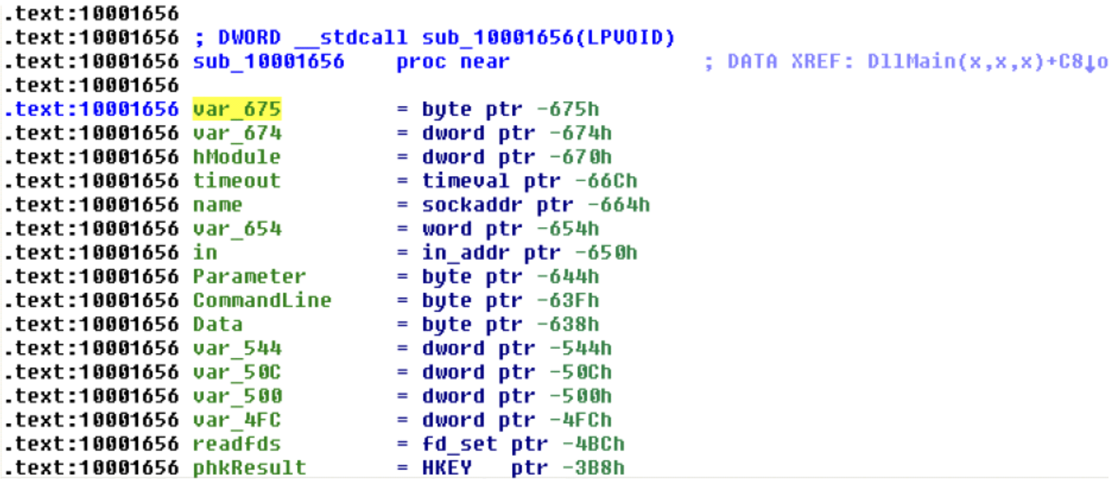
Funzione Gethostbyname

La funzione gethostbyname recupera informazioni host corrispondenti a un host da un database host:

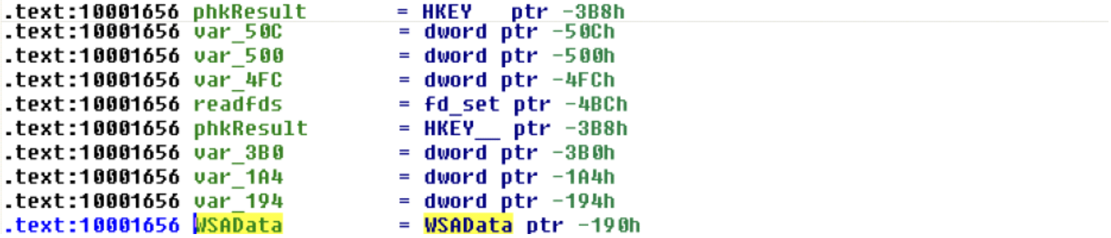


Address	Ordinal	Name	Library
100162A0		fwrite	MSVCRT
100163...	52	gethostbyname	WS2_32
100163F4	9	htons	WS2_32

Variabili locali della funzione alla locazione di memoria 0x10001656

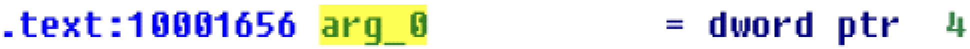


```
.text:10001656
.text:10001656 ; DWORD __stdcall sub_10001656(LPVOID)
.text:10001656 sub_10001656     proc near               ; DATA XREF: DllMain(x,x,x)+C8↓o
.text:10001656
.text:10001656 var_675          = byte ptr -675h
.text:10001656 var_674          = dword ptr -674h
.text:10001656 hModule          = dword ptr -670h
.text:10001656 timeout          = timeval ptr -66Ch
.text:10001656 name             = sockaddr ptr -664h
.text:10001656 var_654          = word ptr -654h
.text:10001656 in               = in_addr ptr -650h
.text:10001656 Parameter        = byte ptr -644h
.text:10001656 CommandLine      = byte ptr -63Fh
.text:10001656 Data             = byte ptr -638h
.text:10001656 var_544          = dword ptr -544h
.text:10001656 var_50C          = dword ptr -50Ch
.text:10001656 var_500          = dword ptr -500h
.text:10001656 var_4FC          = dword ptr -4FCh
.text:10001656 readfds          = fd_set ptr -4BCh
.text:10001656 phkResult        = HKEY   ptr -3B8h
```



```
.text:10001656 var_50C          = dword ptr -50Ch
.text:10001656 var_500          = dword ptr -500h
.text:10001656 var_4FC          = dword ptr -4FCh
.text:10001656 readfds          = fd_set ptr -4BCh
.text:10001656 phkResult        = HKEY__ ptr -3B8h
.text:10001656 var_3B0          = dword ptr -3B0h
.text:10001656 var_1A4          = dword ptr -1A4h
.text:10001656 var_194          = dword ptr -194h
.text:10001656 WSAData          = WSAData ptr -190h
```

Argomento



```
.text:10001656 arg_0            = dword ptr  4
```