

Чтобы получить список функций, экспортируемых DLL модулем, Вы должны использовать следующие функции:

MapAndLoad в imagehlp.pas.

ImageRvaToVa в imagehlp.pas.

Также Вы должны определить следующие структуры:

```
const IMAGE_SIZEOF_SHORT_NAME      = 8;
IMAGE_NUMBEROF_DIRECTORY_ENTRIES  = 16;  IMAGE_DATA_DIRECTORY =
packed record  VirtualAddress : DWORD;  Size      : DWORD;
PIMAGE_DATA_DIRECTORY = ^IMAGE_DATA_DIRECTORY;  IMAGE_SECTION_HEADER
= packed record  Name      : packed array [0..IMAGE_SIZEOF_SHORT_NAME-1] of Char;
PhysicalAddress : DWORD; // or VirtualSize (union);  VirtualAddress : DWORD;
SizeOfRawData  : DWORD;  PointerToRawData : DWORD;  PointerToRelocations :
DWORD;  PointerToLinenumbers : DWORD;  NumberOfRelocations : WORD;
NumberOfLinenumbers : WORD;  Characteristics : DWORD; end;
PIMAGE_SECTION_HEADER = ^IMAGE_SECTION_HEADER;
IMAGE_OPTIONAL_HEADER = packed record  { Standard fields. }  Magic      : WORD;
MajorLinkerVersion : Byte;  MinorLinkerVersion : Byte;  SizeOfCode  : DWORD;
SizeOfInitializedData : DWORD;  SizeOfUninitializedData : DWORD;  AddressOfEntryPoint
: DWORD;  BaseOfCode  : DWORD;  BaseOfData  : DWORD;  { NT additional
fields. }  ImageBase  : DWORD;  SectionAlignment : DWORD;  FileAlignment :
DWORD;  MajorOperatingSystemVersion : WORD;  MinorOperatingSystemVersion :
WORD;  MajorImageVersion : WORD;  MinorImageVersion : WORD;
MajorSubsystemVersion : WORD;  MinorSubsystemVersion : WORD;  Reserved1  :
DWORD;  SizeOfImage  : DWORD;  SizeOfHeaders : DWORD;  CheckSum  :
DWORD;  Subsystem  : WORD;  DllCharacteristics : WORD;  SizeOfStackReserve :
DWORD;  SizeOfStackCommit : DWORD;  SizeOfHeapReserve : DWORD;
SizeOfHeapCommit : DWORD;  LoaderFlags  : DWORD;  NumberOfRvaAndSizes :
DWORD;  DataDirectory: packed array[0..IMAGE_NUMBEROF_DIRECTORY_ENTRIES-1]
of IMAGE_DATA_DIRECTORY; end; PIMAGE_OPTIONAL_HEADER =
^IMAGE_OPTIONAL_HEADER;  IMAGE_FILE_HEADER = packed record  Machine
: WORD;  NumberOfSections : WORD;  TimeDateStamp  : DWORD;
PointerToSymbolTable : DWORD;  NumberOfSymbols  : DWORD;
SizeOfOptionalHeader : WORD;  Characteristics  : WORD; end;
PIMAGE_FILE_HEADER = ^IMAGE_FILE_HEADER;  IMAGE_NT_HEADERS = packed
```

```
record Signature : DWORD; FileHeader : IMAGE_FILE_HEADER; OptionalHeader
: IMAGE_OPTIONAL_HEADER; end; PIMAGE_NT_HEADERS = ^IMAGE_NT_HEADERS;
type LOADED_IMAGE = record ModuleName: pchar; //Имя модуля hFile: thandle;
//Дескриптор файла MappedAddress: pchar; // the base address of mapped file
FileHeader: PIMAGE_NT_HEADERS; //The Header of the file. LastRvaSection:
PIMAGE_SECTION_HEADER; NumberOfSections: integer; Sections:
PIMAGE_SECTION_HEADER; Characteristics: integer; fSystemImage: boolean;
fDOSImage: boolean; Links: LIST_ENTRY; SizeOfImage: integer; end;
PLOADED_IMAGE= ^LOADED_IMAGE;
```

Более подробно об этих структурах, смотри на

http://www.csn.ul.ie/~caolan/publink/winresdump/winresdump/doc/msdn_peeringpe.html

Сам код:

```
unit Unit1; interface uses Windows, Messages, SysUtils, Classes, Graphics, Controls,
Forms, Dialogs, StdCtrls, Menus,structures,imagehlp; type TForm1 = class(TForm)
ListBox1: TListBox; MainMenu1: TMainMenu; File1: TMenuItem; Open1: TMenuItem;
OpenDialog1: TOpenDialog; ListBox2: TListBox; procedure Open1Click(Sender:
TObject); private public procedure DLLFuncstoList( fname: string; alistbox: tlistbox);
end; var Form1: TForm1; implementation {$R *.DFM} procedure
TForm1.DLLFuncstoList(fname: string; alistbox: tlistbox); var fih: LOADED_IMAGE;
pexpdir: PIMAGE_EXPORT_DIRECTORY; pexpnames: pdword; //pointer to list of exported
fucntions pt1: PImageSectionHeader; i: integer; exportedfuncname: pchar; //exported
function name begin alistbox.items.clear; pt1:= nil; MapAndLoad(pchar(fname),
pchar('#0'), @fih, true, true); //load the file into memory.
pExpDir:= PIMAGE_EXPORT_DIRECTORY(fih.FileHeader.OptionalHeader.
DataDirectory[IMAGE_DIRECTORY_ENTRY_EXPORT].VirtualAddress); pExpDir:=
PIMAGE_EXPORT_DIRECTORY(ImageRvaToVa (fih.FileHeader, fih.MappedAddress,
DWORD(pExpDir), pt1)); pExpNames:= pExpDir.pAddressOfNames; pExpNames:=
PDWORD(ImageRvaToVa (fih.FileHeader, fih.MappedAddress, dword(pExpNames), pt1));
pt1:= nil; for i:= 0 to pexpdir.NumberOfNames-1 do begin exportedfuncname:=
pchar(ImageRvaToVa (fih.FileHeader, fih.MappedAddress, dword(pExpNames^), pt1));
alistbox.items.add(exportedfuncname); inc(pexpnames); end; UnMapAndLoad(@fih);
//Un load the mapped file from memory. end; procedure TForm1.Open1Click(Sender:
TObject); var begin if opendialog1.execute = true then begin
DLLFuncstoList(opendialog1.filename, listbox1); end; end; end.
```