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Application Note
Using SBIG32M.DLL with Borland C compliers
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Introduction

This Application Note describes the method to enable use of the SBIG32M.DLL file with Borland C compilers. The SBIG32M.DLL Dynamic Linked Library was complied with a Microsoft Compiler. Microsoft handles the __cdecl calling convention differently than Borland does in that they do not prepend underscores. The following procedure will create an import library that aliases the MS C function names into a format compatible with Borland C. Fortunately, Borland command line tools allow you to create an aliased import library.

Procedure to create a Borland compatible library file SBIG32B.LIB.

The first step is to create a DEF file from the MS C DLL by using the IMPDEF program that comes with Borland C. IMPDEF creates a DEF file that lists all of the functions exported by the DLL. You invoke IMPDEF like this:

```
IMPDEF SBIG32B.DEF SBIG32M.DLL
```

After running IMPDEF, open the resulting SBIG32B.DEF file using the editor of your choice. The file should look like this:

```
LIBRARY       SBIG32M.DLL

EXPORTS
    ParDrvCommand        @1
```

The next step is to alter the DEF file so it aliases the DLL functions into names Borland C will like. You can alias a function by listing a Borland C compatible name followed by the original MS C linker name.

```
LIBRARY SBIG32M.DLL

EXPORTS
  _ParDrvCommand=ParDrvCommand
```

The final step is to create an aliased import library from the aliased DEF file. Use the IMPLIB utility, and pass IMPLIB the aliased DEF file as its source file instead of the SBIG32M.DLL. The format is

```
IMPLIB  SBIG32B.LIB SBIG32B.DEF
```

Use this SBIG32B.LIB file to link into your project instead of the SBIG32M.LIB file supplied by SBIG.