Filter DLL project - Examples

Along with document comes a VisualStudio version 6 C++ project. You can load it and compile it as-is or you can read the relevant files.
The only skills you need is a good command of the C-Language. You may ignore the C++ parts.

Files Listing

Home Directory:

JsChPosrProc.dll   Filter DLL file (Demo)
Example1.exe   Example of how to use filter DLL files
Filters.dsw   VC++ Project work space

Example1 Directory:

VC++ environment for compiling an example of how to use filter DLL files.
Example1.c   C source
Example01.h   Header file for Example1 project
Example1.dsw   Project workspace
Example1.dsp   VC++ 6 Project

JsChPostProc Directory:

VC++ environment for compiling a demo filter DLL.
JsChPostProc.cpp DLL C++ source code
JsChPostProc.h   DLL header
JsChPostProc.def Interface definition file
JsChPostProc.rc   Resource file – used to keep version data
Resource.h   Used by JsChPostProc.rc
StdAfx.cpp   Calls StdAfx.h
StdAfx.h   Standard VC++ header
JsChPostProc.dsw Project workspace
JsChPostProc.dsp VC++ 6 Project
JsChPostProc.clw Class data

How to use these files

If you have an appropriate compiling environment, you may start with compiling the files. If you don't, there is still a lot of data you may acquire by inspecting the files.

Creating a new filter DLL:

You may compile project *JsChPostProc* to create file *JsChPostProc.dll* or create your own environment based on this one.

cases you will have to make the following modifications in file *JsChPostProc.cpp:*

`Convert… functions:` You will have to write your own filter function(s). Follow the examples of `ConvertEskyCCPM, ConvertVTail & ConvertDeltaWing.`

`ListOfFilters[]:` This is a list of supported filters. Add or remove filters according the existing example.

Do not forget to add the appropriate declarations in file *JsChPostProc.h*

Testing your filter DLL:

To test your filter DLL, use file *Example1.exe* as-is or modify it to your needs. This file is also a good way to understand the mechanisms used by SmartPropoPlus.