

Building a Mach-O plug-in for the Mac:

XCode version 2.0 or later is recommended.

The "libSPAPILibMachO.a" library is intended to be used in a Mach-O application or plug-in, that normally includes the Carbon.framework.

Building a Carbon plug-in for the Mac:

Metrowerks CodeWarrior version 7.0 or later is recommended.

The "SPAPILibCarbon" library is intended to be used in a Carbon application or plug-in, that normally links with "CarbonLib".

The "SPAPILibCarbon" library **MUST** be the first item in the Link Order.

The following libraries should be added to the project:

- SPAPILibCarbon
- CarbonLib
- MSL_All_Carbon.lib

Because the API library uses static globals and C++ constructors it is necessary to call CodeWarrior's initialize/terminate routines. This can automatically be done through the Linker Settings:

- 1) Choose the "PPC Linker" item from the project's settings dialog.
- 2) Enter "__initialize" for the Initialization Entry Point.
- 3) Enter "__terminate" for the Termination Entry Point.

Once compiled, expect CodeWarrior to show many Link Warnings, especially "previously defined in "SPAPILibCarbon".

Building a plug-in for MacOS 8.6 - 9.x:

Metrowerks CodeWarrior version 6.3 or later is recommended.

The "SPAPILibPPC" library is intended to be used in a non-Carbon application or plug-in, that normally links with "InterfaceLib".

The "SPAPILibPPC" library **MUST** be the first item in the Link Order.

The following libraries should be added to the project:

- SPAPILibPPC
- MSL C++.PPC.Lib
- MSL C.PPC.Lib
- InterfaceLib
- MathLib
- UnicodeConverter
- TextEncodingConverter
- TextCommon
- ThreadsLib
- OpenTptInetPPC.o
- OpenTptInternetLib
- OpenTransportExtnPPC.o
- OpenTransportLib
- NSLPPCLib
- PLStringFuncsPPC.lib

Note that since the target will be a Shared Library, "OpenTransportExtnPPC.o" above is used instead of "OpenTransportAppPPC.o".

Because the API library uses static globals and C++ constructors it is necessary to call CodeWarrior's initialize/terminate routines. This can automatically be done through the Linker Settings:

- 1) Choose the "PPC Linker" item from the project's settings dialog.
- 2) Enter "__initialize" for the Initialization Entry Point.
- 3) Enter "__terminate" for the Termination Entry Point.

Once compiled, expect CodeWarrior to show many Link Warnings, especially "previously defined in "SPAPILibPPC".