smx++

- C++ Class Library
- Built On Top of smx
- Simpler API
- Suitable for OOP Projects
- smx Services Still Directly Accessible
- Overloaded New and Delete Operators Solve Heap Problems
- Real Mode and Protected Mode Support
- No Royalties
- Source Code Included

smx++ is a C++ class library which rests on top of smx. The smx++ Application Program Interface (API) is designed to mirror smx yet be simpler and easier to use. In most cases, smx++ methods call their smx counterparts for system sevices. smx++ enhances the use of Intel 80x86 embedded processors with C++.

A chief advantage of smx++ is that it pro-vides a simpler API which meets most user requirements. With this in mind, several seldom-used smx features and functions have been omitted. Yet, since smx underlies smx++, direct smx calls are still possible. This feature eases the transition from C to C++ by permitting a mix of C and C++ application modules.

smx++ supports Borland C++ and Microsoft C++.

From the C++ developer's perspective, the enticing aspect of smx++ is that it allows him to create his own objects, by inheritance, from smx++ classes. For example, device drivers can be derived from the Bucket and Pipe classes (which, in turn, have been derived from the Software I/O bus (SIObus) class.) Process classes can be derived from a mixture of smx++ objects to perform specific work functions. Actual processes (objects) can be conveniently created when needed and deleted when not needed.

smx++ consists of 9 base classes and 7 derived classes. The class hierarchy is deliberately shallow in order to achieve the speed necessary for real-time systems.

HOST SYSTEMS SUPPORTED:
DOS and MS Windows systems

PROCESSORS SUPPORTED:
80186, 80188, Intel386™ CX/EX/SX/SXSA/DX, Intel486™ SX, IntelDX2™, IntelDX4™ and Pentium® processors

AVAILABILITY:
Now

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