**MASM**

MASM ( Microsoft Macro Assembler) is an assembler for the x86 family of microprocessors, originally produced with the Microsoft MS-DOS operating system.

           MASM is one of the few Microsoft development tools for which there was no separate 16-bit and 32-bit version. It supported a wide variety of macro facilities and structured programming idioms, including high-level constructions for looping, procedure calls and alternation MASM is an example of a high-level assembler. MASM can build very small high performance executable files that are well suited where size and speed matter.

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MASM32 has been designed to be familiar to programmers who have already written API based code in Windows. The invoke syntax of MASM allows functions to be called in much the same way as they are called in a high level compiler.

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