

HP aCC

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Online References

- [Developer & Solution Partner Program \(DSPP\)](#)
- [Technical Documentation](#) (including operating systems and other software)
- [Development Tools Documentation](#)
- [HP aC++ Product Home](#)
- [HP aC++/HP C A.06.15 Online Programmer's Guide](#)
- [HP aC++ A.03.80 Online Programmer's Guide \(http://docs.hp.com/en/11920/HP%20aC++%20Online%20Programmer's%20Guide/index.htm\)](http://docs.hp.com/en/11920/HP%20aC++%20Online%20Programmer's%20Guide/index.htm)
- [HP Code Advisor Diagnostics](#)

Predefined Macros

See the [Predefined Macros](#) section of the [HP aCC 6 Programmers Guide](#) for a (possibly) incomplete list of macros predefined by the compiler.

Starting with HP aCC 6.15, the compiler supports the `-dM` option to list the `#define` directives the preprocessor encounters as it translates a file.

See also the Bjørn Reese's list of [Pre-defined Compiler Macros](#).

	HP aCC Predefined Macros		
MACRO	HP aCC OPTION	VERSION	DESCRIPTION
<code>EDG</code>		6	Defined to 1 in all EDG-based HP aCC compilers.
<code>__HP_aCC</code>		all	Defined to the version of the compiler in the format MMmmuu (2 digits for each of major, minor, and micro).
<code>__hpstd98</code>	<code>+hpstd98</code> (http://docs.hp.com/en/11920/HP%20aC++%20Online%20Programmer's%20Guide/options.htm#opt+hpstd98)	3.80	Defined to 1 when the <code>+hpstd98</code> option is used.
<code>__hpux</code>		all	Defined on all HP-UX versions.
<code>__ia64</code>		5,6	Defined on HP IPF hardware.
<code>__hppa</code>		1, 3	Defined on PA-RISC hardware.
<code>__unix</code>		all	Defined on all HP-UX versions.
<code>_BIG_ENDIAN</code>		all	Defined on Big Endian versions of HP-UX (both IPF and PA-RISC).
<code>_ILP32</code>	<code>+DD32</code>	all	Defined when <code>+DD32</code> is in effect.
<code>_LP64, LP64</code>	<code>+DD64</code>	all	Defined when <code>+DD64</code> is in effect.
<code>__HPACC_NOEH</code>	<code>+noeh</code>	all	Defined when exceptions are disabled.
<code>__HPUX_SOURCE, STD_EXT</code>	<code>-ext</code>	all	Defined when extensions are enabled.
<code>_FPWIDETYPES</code>	<code>-fpwidetypes</code>		Defined when extended and quad floating-point data types including <code>__float80</code> are enabled.
<code>_REENTRANT</code>	<code>-mt</code>	all	Defined when compiling for thread safety.
<code>_POSIX_C_SOURCE=199506L</code>	<code>-mt</code>	all	
<code>__HPUX_SOURCE</code>	<code>-mt</code>	all	
<code>__THREAD_SAFE</code>	<code>-AP -mt</code>	all	
<code>__HP_NAMESPACE_STD</code>	<code>-AA</code>		Defined when the C++ Standard Library is declared in namespace <code>std</code> .
<code>_FLT_EVAL_METHOD</code>	<code>-fpeval</code>	all	Defined according to the argument of the <code>-fpeval</code> option.
<code>{{_Math_errhandling}}</code>		all	Always defined to <code>MATH_ERREXCEPT</code> .

Discussion Forums

- [CXX-DEV](#) mailing list ([MARC archive](#))

Bug Reports