

sample.predef

```
#define __CHAR_BITS__ 8
#define __CHAR_MAX__ 0xff
#define __CHAR_MIN__ 0
#define __CHAR_SIZE__ 1
#define __UNSIGNED_CHAR_MAX__ 0xff
#define __SIGNED_CHAR_MAX__ 127
#define __SIGNED_CHAR_MIN__ (-__SIGNED_CHAR_MAX__-1)
#define __CHAR_ALIGN__ 1
#define __SHORT_SIZE__ 2
#define __UNSIGNED_SHORT_MAX__ 0xffff
#define __SIGNED_SHORT_MAX__ 32767
#define __SIGNED_SHORT_MIN__ (-__SIGNED_SHORT_MAX__-1)
#define __SHORT_ALIGN__ 2
#define __INT_SIZE__ 4
#define __UNSIGNED_INT_MAX__ 0xffffffffU
#define __SIGNED_INT_MAX__ 2147483647
#define __SIGNED_INT_MIN__ (-__SIGNED_INT_MAX__-1)
#define __INT_ALIGN__ 4
#define __LONG_SIZE__ 4
#define __UNSIGNED_LONG_MAX__ 0xffffffffFUL
#define __SIGNED_LONG_MAX__ 2147483647L
#define __SIGNED_LONG_MIN__ (-__SIGNED_LONG_MAX__-1)
#define __LONG_ALIGN__ 4
#define __LONG_LONG_SIZE__ 8
#define __UNSIGNED_LONG_LONG_MAX__ 0xffffffffffffffffFULL
#define __SIGNED_LONG_LONG_MAX__ 9223372036854775807LL
#define __SIGNED_LONG_LONG_MIN__ (-__SIGNED_LONG_LONG_MAX__-1)
#define __LONG_LONG_ALIGN__ 8
#define __INT8_T_TYPE__ signed char
#define __INT8_T_MAX__ 127
#define __INT8_T_MIN__ (-__INT8_T_MAX__-1)
#define __UINT8_T_TYPE__ unsigned char
#define __UINT8_T_MAX__ 0xff
#define __INT8_SIZE_PREFIX__ "hh"
#define __INT16_T_TYPE__ signed short int
#define __INT16_T_MAX__ 32767
#define __INT16_T_MIN__ (-__INT16_T_MAX__-1)
#define __UINT16_T_TYPE__ unsigned short int
#define __UINT16_T_MAX__ 0xffff
#define __INT16_SIZE_PREFIX__ "h"
#define __INT32_T_TYPE__ signed int
#define __INT32_T_MAX__ 2147483647
#define __INT32_T_MIN__ (-__INT32_T_MAX__-1)
#define __UINT32_T_TYPE__ unsigned int
#define __UINT32_T_MAX__ 0xffffffffU
#define __INT32_SIZE_PREFIX__ ""
#define __INT64_T_TYPE__ signed long long int
#define __INT64_T_MAX__ 9223372036854775807LL
#define __INT64_T_MIN__ (-__INT64_T_MAX__-1)
#define __UINT64_T_TYPE__ unsigned long long int
#define __UINT64_T_MAX__ 0xffffffffffffffffFULL
#define __INT64_SIZE_PREFIX__ "ll"
#define __INT_LEAST8_T_TYPE__ signed char
#define __INT_LEAST8_T_MAX__ 127
#define __INT_LEAST8_T_MIN__ (-__INT_LEAST8_T_MAX__-1)
#define __UINT_LEAST8_T_TYPE__ unsigned char
#define __UINT_LEAST8_T_MAX__ 0xff
#define __INT8_C_SUFFIX__
#define __UINT8_C_SUFFIX__
#define __INT_LEAST8_SIZE_PREFIX__ "hh"
#define __INT_LEAST16_T_TYPE__ signed short int
#define __INT_LEAST16_T_MAX__ 32767
#define __INT_LEAST16_T_MIN__ (-__INT_LEAST16_T_MAX__-1)
#define __UINT_LEAST16_T_TYPE__ unsigned short int
#define __UINT_LEAST16_T_MAX__ 0xffff
#define __INT16_C_SUFFIX__
#define __UINT16_C_SUFFIX__
#define __INT_LEAST16_SIZE_PREFIX__ "h"
#define __INT_LEAST32_T_TYPE__ signed int
#define __INT_LEAST32_T_MAX__ 2147483647
#define __INT_LEAST32_T_MIN__ (-__INT_LEAST32_T_MAX__-1)
#define __UINT_LEAST32_T_TYPE__ unsigned int
#define __UINT_LEAST32_T_MAX__ 0xffffffffU
#define __INT32_C_SUFFIX__
#define __UINT32_C_SUFFIX__ U
#define __INT_LEAST32_SIZE_PREFIX__ ""
#define __INT_LEAST64_T_TYPE__ signed long long int
#define __INT_LEAST64_T_MAX__ 9223372036854775807LL
#define __INT_LEAST64_T_MIN__ (-__INT_LEAST64_T_MAX__-1)
#define __UINT_LEAST64_T_TYPE__ unsigned long long int
#define __UINT_LEAST64_T_MAX__ 0xffffffffffffffffFULL
#define __INT64_C_SUFFIX__ LL
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#define __UINT64_C_SUFFIX__ ULL
#define __INT_LEAST64_SIZE_PREFIX__ "l1"
#define __INT_FAST8_T_TYPE__ signed int
#define __INT_FAST8_T_MAX__ 2147483647
#define __INT_FAST8_T_MIN__ (-__INT_FAST8_T_MAX__-1)
#define __UINT_FAST8_T_TYPE__ unsigned int
#define __UINT_FAST8_T_MAX__ 0xffffffffU
#define __INT_FAST8_SIZE_PREFIX__ ""
#define __INT_FAST16_T_TYPE__ signed int
#define __INT_FAST16_T_MAX__ 2147483647
#define __INT_FAST16_T_MIN__ (-__INT_FAST16_T_MAX__-1)
#define __UINT_FAST16_T_TYPE__ unsigned int
#define __UINT_FAST16_T_MAX__ 0xffffffffU
#define __INT_FAST16_SIZE_PREFIX__ ""
#define __INT_FAST32_T_TYPE__ signed int
#define __INT_FAST32_T_MAX__ 2147483647
#define __INT_FAST32_T_MIN__ (-__INT_FAST32_T_MAX__-1)
#define __UINT_FAST32_T_TYPE__ unsigned int
#define __UINT_FAST32_T_MAX__ 0xffffffffU
#define __INT_FAST32_SIZE_PREFIX__ ""
#define __INT_FAST64_T_TYPE__ signed long long int
#define __INT_FAST64_T_MAX__ 9223372036854775807LL
#define __INT_FAST64_T_MIN__ (-__INT_FAST64_T_MAX__-1)
#define __UINT_FAST64_T_TYPE__ unsigned long long int
#define __UINT_FAST64_T_MAX__ 0xffffffffffffffffULL
#define __INT_FAST64_SIZE_PREFIX__ "l1"
#define __INTMAX_T_TYPE__ signed long long int
#define __INTMAX_T_MAX__ 9223372036854775807LL
#define __INTMAX_T_MIN__ (-__INTMAX_T_MAX__-1)
#define __UINTMAX_T_TYPE__ unsigned long long int
#define __UINTMAX_T_MAX__ 0xffffffffffffffffULL
#define __INTMAX_C_SUFFIX__ LL
#define __UINTMAX_C_SUFFIX__ ULL
#define __INTMAX_SIZE_PREFIX__ "l1"
#define __FLOAT_SIZE__ 4
#define __FLOAT_ALIGN__ 4
#define __DOUBLE_SIZE__ 8
#define __DOUBLE_ALIGN__ 8
#define __LONG_DOUBLE_SIZE__ 8
#define __LONG_DOUBLE_ALIGN__ 8
#define __NAN_HAS_HIGH_MANTISSA_BIT_SET__ 0
#define __SUBNORMAL_FLOATING_POINTS__ 1
#define __SIZE_T_TYPE__ unsigned int
#define __SIZE_T_MAX__ 0xffffffffU
#define __PTRDIFF_T_TYPE__ signed int
#define __PTRDIFF_T_MAX__ 2147483647
#define __PTRDIFF_T_MIN__ (-__PTRDIFF_T_MAX__-1)
#define __INTPTR_T_TYPE__ signed long int
#define __INTPTR_T_MAX__ 2147483647L
#define __INTPTR_T_MIN__ (-__INTPTR_T_MAX__-1)
#define __UINTPTR_T_TYPE__ unsigned long int
#define __UINTPTR_T_MAX__ 0xffffffffUL
#define __INTPTR_SIZE_PREFIX__ "l"
#define __JMP_BUF_ELEMENT_TYPE__ unsigned long long int
#define __JMP_BUF_NUM_ELEMENTS__ 8
#define __TID__ 0xcf70
#define __VER__ 7050002
#define __BUILD_NUMBER__ 10312
#define __IAR_SYSTEMS_ICC__ 8
#define __LITTLE_ENDIAN__ 1
#define __BOOL_TYPE__ unsigned char
#define __BOOL_SIZE__ 1
#define __WCHAR_T_TYPE__ unsigned short int
#define __WCHAR_T_SIZE__ 2
#define __WCHAR_T_MAX__ 0xffff
#define __DEF_PTR_MEM__ _data
#define __DEF_PTR_SIZE__ 4
#define __CODE_MEMORY_LIST1__() __CODE_MEM_HELPER1__(__code, 0)
#define __CODE_MEMORY_LIST2__(P1) __CODE_MEM_HELPER2__(__code, 0, P1)
#define __CODE_MEMORY_LIST3__(P1, P2) __CODE_MEM_HELPER3__(__code, 0, P1, P2)
#define __DATA_MEMORY_LIST1__() __DATA_MEM_HELPER1__(__data, 0)
#define __DATA_MEMORY_LIST2__(P1) __DATA_MEM_HELPER2__(__data, 0, P1)
#define __DATA_MEMORY_LIST3__(P1, P2) __DATA_MEM_HELPER3__(__data, 0, P1, P2)
#define __DATA_MEMO__ _data
#define __DATA_MEMO_POINTER_OK__ 1
#define __DATA_MEMO_UNIQUE_POINTER__ 1
#define __DATA_MEMO_VAR_OK__ 1
#define __DATA_MEMO_INDEX_TYPE__ int
#define __DATA_MEMO_SIZE_TYPE__ unsigned int
#define __DATA_MEMO_INTPTR_TYPE__ int
#define __DATA_MEMO_UINTPTR_TYPE__ unsigned int
#define __DATA_MEMO_INTPTR_SIZE_PREFIX__ ""
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#define __DATA_MEMO_MAX_SIZE__ 0xffffffff
#define __DATA_MEMO_HEAP_SEGMENT__ "HEAP"
#define __DATA_MEMO_PAGE_SIZE__ 0
#define __DATA_MEMO_HEAP__ 0
#define __CODE_MEMO__ __code
#define __CODE_MEMO_POINTER_OK__ 1
#define __CODE_MEMO_UNIQUE_POINTER__ 1
#define __CODE_MEMO_VAR_OK__ 1
#define __CODE_PTR_MEMORY_LIST1__( ) __CODE_PTR_MEM_HELPER1__(__code, 0)
#define __CODE_PTR_MEMORY_LIST2__(P1) __CODE_PTR_MEM_HELPER2__(__code, 0, P1)
#define __CODE_PTR_MEMORY_LIST3__(P1, P2) __CODE_PTR_MEM_HELPER3__(__code, 0, P1, P2)
#define __DATA_PTR_MEMORY_LIST1__( ) __DATA_PTR_MEM_HELPER1__(__data, 0)
#define __DATA_PTR_MEMORY_LIST2__(P1) __DATA_PTR_MEM_HELPER2__(__data, 0, P1)
#define __DATA_PTR_MEMORY_LIST3__(P1, P2) __DATA_PTR_MEM_HELPER3__(__data, 0, P1, P2)
#define __VAR_MEMORY_LIST1__( ) __VAR_MEM_HELPER1__(__data, 0)
#define __VAR_MEMORY_LIST2__(P1) __VAR_MEM_HELPER2__(__data, 0, P1)
#define __VAR_MEMORY_LIST3__(P1, P2) __VAR_MEM_HELPER3__(__data, 0, P1, P2)
#define __VARD_MEMORY_LIST1__( ) __VARD_MEM_HELPER1__(__data, 0, _)
#define __HEAP_MEMO__ 0
#define __HEAP_MEMORY_LIST1__( ) __HEAP_MEM_HELPER1__(__data, 0)
#define __HEAP_MEMORY_LIST2__(P1) __HEAP_MEM_HELPER2__(__data, 0, P1)
#define __HEAP_MEMORY_LIST3__(P1, P2) __HEAP_MEM_HELPER3__(__data, 0, P1, P2)
#define __HVAR_MEMORY_LIST1__( ) __HVAR_MEM_HELPER1__(__data, 0)
#define __HEAPD_MEMORY_LIST1__( ) __HEAPD_MEM_HELPER1__(__data, 0, _)
#define __HEAPU_MEMORY_LIST1__( ) __HEAPU_MEM_HELPER1__(__data, 0)
#define __MULTIPLE_HEAPS__ 0
#define __TOPM_DATA_MEMORY_LIST1__( )
#define __TOPM_DATA_MEMORY_LIST2__(P1)
#define __TOPM_DATA_MEMORY_LIST3__(P1, P2)
#define __TOPP_DATA_MEMORY_LIST1__( ) __TOPP_DATA_MEM_HELPER1__(__data, 0)
#define __TOPP_DATA_MEMORY_LIST2__(P1) __TOPP_DATA_MEM_HELPER2__(__data, 0, P1)
#define __TOPP_DATA_MEMORY_LIST3__(P1, P2) __TOPP_DATA_MEM_HELPER3__(__data, 0, P1, P2)
#define __DEF_HEAP_MEM__ __data
#define __PRAGMA_PACK_ON__ 1
#define __MULTIPLE_INHERITANCE__ 1
#define __AAPCS__ 1
#define __ARM4TM__ 4
#define __ARM5TM__ 5
#define __ARM5T__ 5
#define __ARM5__ 5
#define __ARM6M__ 11
#define __ARM6SM__ 12
#define __ARM6__ 6
#define __ARM_PROFILE_M__ 1
#define __CORE__ __ARM6M__
#define __CPU_MODE__ 1
#define __ICCARM__ 1
#define __INTERWORKING__ 1
#define __PLAIN_INT_BITFIELD_IS_SIGNED__ 0
#define __HAS_WEAK__ 1
#define __HAS_PACKED__ 1
#define __HAS_JOINED_TYPES__ 1
#define __HAS_LOCATED_DECLARATION__ 1
#define __HAS_LOCATED_WITH_INIT__ 1
#define __IAR_COMPILERBASE__ 594445
#define __STDC__ 1
#define __STDC_VERSION__ 199409L
#define __EDG_IA64_ABI 1
#define __EDG_IA64_ABI_VARIANT_CTORS_AND_DTORS_RETURN_THIS 1
#define __EDG_IA64_ABI_USE_INT_STATIC_INIT_GUARD 1
#define __EDG_TYPE_TRAITS_ENABLED 1
#define __EDG__ 1
#define __EDG_VERSION__ 409
#define __EDG_SIZE_TYPE__ unsigned int
#define __EDG_PTRDIFF_TYPE__ int
#define __EDG_DELTA_TYPE__ int
#define __EDG_IA64_VTABLE_ENTRY_TYPE__ int
#define __EDG_VIRTUAL_FUNCTION_INDEX_TYPE__ unsigned short
#define __EDG_LOWER_VARIABLE_LENGTH_ARRAYS 1
#define __EDG_IA64_ABI_USE_VARIANT_ARRAY_COOKIES 1
#define __EDG_ABI_COMPATIBILITY_VERSION 9999
#define __EDG_ABI_CHANGES_FOR_RTTI 1
#define __EDG_ABI_CHANGES_FOR_ARRAY_NEW_AND_DELETE 1
#define __EDG_ABI_CHANGES_FOR_PLACEMENT_DELETE 1
#define __EDG_BSD 0
#define __EDG_SYSV 0
#define __EDG_ANSIC 1
#define __EDG_CPP11_IL_EXTENSIONS_SUPPORTED 1
#define __DLIB_CONFIG_FILE_HEADER_NAME__ "C:\Program Files\IAR Systems\Embedded Workbench 7.3\arm\INC\c\DLib_Config_Normal.h"
#define __DLIB_CONFIG_FILE_STRING__ "C:\Program Files\IAR Systems\Embedded Workbench 7.3\arm\INC\c\DLib_Config_Normal.h"
#define __VERSION__ "IAR ANSI C/C++ Compiler V7.50.2.10312/W32 for ARM"
```