net/compiler.h File Reference

Detailed Description

Compiler specific defines.

Author:
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Dependencies:
none

Compiler:
MPLAB C18 v2.10 or higher
HITECH PICC-18 V8.35PL3 or higher

Description

This module is an interface between the code and different compilers. It defines generic names for compiler specific defines and variables.

```
#include <p18cxxx.h>
#include <stddef.h>
#include <stdlib.h>
```

Data Structures

union _BYTE_VAL
union _DWORD_VAL
union _SWORD_VAL
struct _WORD_ARRAY
union _WORD_VAL

Defines

#define ADCON0_ADON ADCON0bits.ADON
#define ADCON0_GO ADCON0bits.GO
#define CLEAR_BIT(theByte, mask) (theByte &= (~mask))
#define CLRWDT() ClrWdt()
#define DISBALE_INTERRUPTS() INTCON_GIEH = 0
#define EECON1_CFGS EECON1bits.CFGS

```
#define EECON1_EEPGD   EECON1bits.EEPGD
#define EECON1_FREE   EECON1bits.FREE
#define EECON1_RD   EECON1bits.RD
#define EECON1_WR   EECON1bits.WR
#define EECON1_WREN   EECON1bits.WREN
#define ENABLE_INTERRUPTS()   INTCON_GIEH = 1
#define INTCON2_RBPU   INTCON2bits.RBPU
#define INTCON_GIEH   INTCONbits.GIEH
#define INTCON_GIEL   INTCONbits.GIEL
#define INTCON_TMR0IE   INTCONbits.TMR0IE
#define INTCON_TMR0IF   INTCONbits.TMR0IF
#define IS_BIT_CLEAR(theByte, mask)   ((theByte & mask) == 0)
#define IS_BIT_SET(theByte, mask)   (theByte & mask)
#define LATA0   LATAbits.LATA0
#define LATA1   LATAbits.LATA1
#define LATA2   LATAbits.LATA2
#define LATA3   LATAbits.LATA3
#define LATA4   LATAbits.LATA4
#define LATA5   LATAbits.LATA5
#define LATB0   LATBbits.LATB0
#define LATB1   LATBbits.LATB1
#define LATB2   LATBbits.LATB2
#define LATB3   LATBbits.LATB3
#define LATB4   LATBbits.LATB4
#define LATB5   LATBbits.LATB5
#define LATB6   LATBbits.LATB6
#define LATB7   LATBbits.LATB7
#define LATC0   LATCbits.LATC0
#define LATC1   LATCbits.LATC1
#define LATC2   LATCbits.LATC2
#define LATC3   LATCbits.LATC3
#define LATC4   LATCbits.LATC4
#define LATC5   LATCbits.LATC5
#define LATC6   LATCbits.LATC6
#define LATC7   LATCbits.LATC7
#define LATE0   LATEbits.LATE0
#define LATE1   LATEbits.LATE1
#define LATE2   LATEbits.LATE2
#define LATE3   LATEbits.LATE3
#define LATE4   LATEbits.LATE4
#define LATE5   LATEbits.LATE5
#define LATE6   LATEbits.LATE6
#define LATE7   LATEbits.LATE7
#define LATF0   LATFbits.LATF0
#define LATF1   LATFbits.LATF1
#define LATF2   LATFbits.LATF2
#define LATF3   LATFbits.LATF3
#define LATF4   LATFbits.LATF4
#define LATF5   LATFbits.LATF5
```

```
#define LATF6   LATFbits.LATF6
#define LATF7   LATFbits.LATF7
#define LATG0   LATGbits.LATG0
#define LATG1   LATGbits.LATG1
#define LATG2   LATGbits.LATG2
#define LATG3   LATGbits.LATG3
#define LATG4   LATGbits.LATG4
#define LATG5   LATGbits.LATG5
#define LOWER_LSB(a)   ((a).v[0])
#define LOWER_MSB(a)   ((a).v[1])
#define LSB(a)   ((a).v[0])
#define MCHP_C18
#define MSB(a)   ((a).v[1])
#define NOP()   Nop()
#define OSCCON_LOCK   OSCCONbits.LOCK
#define OSCCON_PLLEN   OSCCONbits.PLLEN
#define OSCCON_SCS0   OSCCONbits.SCS0
#define OSCCON_SCS1   OSCCONbits.SCS1
#define PIE1_RCIE   PIE1bits.RCIE
#define PIE1_TXIE   PIE1bits.TXIE
#define PIR1_RCIF   PIR1bits.RCIF
#define PIR1_TXIF   PIR1bits.TXIF
#define PIR2_BCLIF   PIR2bits.BCLIF
#define PIR3_TMR4IF   PIR3bits.TMR4IF
#define PORTA_RA0   PORTAbits.RA0
#define PORTA_RA1   PORTAbits.RA1
#define PORTA_RA2   PORTAbits.RA2
#define PORTA_RA3   PORTAbits.RA3
#define PORTA_RA4   PORTAbits.RA4
#define PORTA_RA5   PORTAbits.RA5
#define PORTB_RB0   PORTBbits.RB0
#define PORTB_RB1   PORTBbits.RB1
#define PORTB_RB2   PORTBbits.RB2
#define PORTB_RB3   PORTBbits.RB3
#define PORTB_RB4   PORTBbits.RB4
#define PORTB_RB5   PORTBbits.RB5
#define PORTB_RB6   PORTBbits.RB6
#define PORTB_RB7   PORTBbits.RB7
#define PORTC_RC0   PORTCbits.RC0
#define PORTC_RC1   PORTCbits.RC1
#define PORTC_RC2   PORTCbits.RC2
#define PORTC_RC3   PORTCbits.RC3
#define PORTC_RC4   PORTCbits.RC4
#define PORTC_RC5   PORTCbits.RC5
#define PORTC_RC6   PORTCbits.RC6
#define PORTC_RC7   PORTCbits.RC7
#define PORTD_RD0   PORTDbits.RD0
#define PORTD_RD1   PORTDbits.RD1
#define PORTD_RD2   PORTDbits.RD2
```

```
#define PORTD_RD3   PORTDbits.RD3
#define PORTD_RD4   PORTDbits.RD4
#define PORTD_RD5   PORTDbits.RD5
#define PORTD_RD6   PORTDbits.RD6
#define PORTD_RD7   PORTDbits.RD7
#define PORTE_RE0   PORTEbits.RE0
#define PORTE_RE1   PORTEbits.RE1
#define PORTE_RE2   PORTEbits.RE2
#define PORTE_RE3   PORTEbits.RE3
#define PORTE_RE4   PORTEbits.RE4
#define PORTE_RE5   PORTEbits.RE5
#define PORTE_RE6   PORTEbits.RE6
#define PORTE_RE7   PORTEbits.RE7
#define PORTF_RF0   PORTFbits.RF0
#define PORTF_RF1   PORTFbits.RF1
#define PORTF_RF2   PORTFbits.RF2
#define PORTF_RF3   PORTFbits.RF3
#define PORTF_RF4   PORTFbits.RF4
#define PORTF_RF5   PORTFbits.RF5
#define PORTF_RF6   PORTFbits.RF6
#define PORTF_RF7   PORTFbits.RF7
#define PORTG_RG0   PORTGbits.RG0
#define PORTG_RG1   PORTGbits.RG1
#define PORTG_RG2   PORTGbits.RG2
#define PORTG_RG3   PORTGbits.RG3
#define PORTG_RG4   PORTGbits.RG4
#define PORTG_RG5   PORTGbits.RG5
#define RCON_POR   RCONbits.POR
#define RCSTA1_CREN   RCSTA1bits.CREN
#define RCSTA2_CREN   RCSTA2bits.CREN
#define RCSTA_CREN   RCSTAbits.CREN
#define RESET()   Reset()
#define ROM   rom
#define SET_BIT(theByte, mask)   (theByte |= mask)
#define SLEEP()   Sleep()
#define SSPCON1_WCOL   SSPCON1bits.WCOL
#define SSPCON2_ACKDT   SSPCON2bits.ACKDT
#define SSPCON2_ACKEN   SSPCON2bits.ACKEN
#define SSPCON2_ACKSTAT   SSPCON2bits.ACKSTAT
#define SSPCON2_PEN   SSPCON2bits.PEN
#define SSPCON2_RCEN   SSPCON2bits.RCEN
#define SSPCON2_RSEN   SSPCON2bits.RSEN
#define SSPCON2_SEN   SSPCON2bits.SEN
#define SSPSTAT_BF   SSPSTATbits.BF
#define SSPSTAT_R_W   SSPSTATbits.R_W
#define T0CON_TMR0ON   T0CONbits.TMR0ON
#define T2CON_TMR2ON   T2CONbits.TMR2ON
#define T4CON_TMR4ON   T4CONbits.TMR4ON
#define TRISA_RA0   TRISAbits.TRISA0
```

```
#define TRISA_RA1   TRISAbits.TRISA1
#define TRISA_RA2   TRISAbits.TRISA2
#define TRISA_RA3   TRISAbits.TRISA3
#define TRISA_RA4   TRISAbits.TRISA4
#define TRISA_RA5   TRISAbits.TRISA5
#define TRISB_RB0   TRISBbits.TRISB0
#define TRISB_RB1   TRISBbits.TRISB1
#define TRISB_RB2   TRISBbits.TRISB2
#define TRISB_RB3   TRISBbits.TRISB3
#define TRISB_RB4   TRISBbits.TRISB4
#define TRISB_RB5   TRISBbits.TRISB5
#define TRISB_RB6   TRISBbits.TRISB6
#define TRISB_RB7   TRISBbits.TRISB7
#define TRISC_RC0   TRISCbits.TRISC0
#define TRISC_RC1   TRISCbits.TRISC1
#define TRISC_RC2   TRISCbits.TRISC2
#define TRISC_RC3   TRISCbits.TRISC3
#define TRISC_RC4   TRISCbits.TRISC4
#define TRISC_RC5   TRISCbits.TRISC5
#define TRISC_RC6   TRISCbits.TRISC6
#define TRISC_RC7   TRISCbits.TRISC7
#define TRISD_RD0   TRISDbits.TRISD0
#define TRISD_RD1   TRISDbits.TRISD1
#define TRISD_RD2   TRISDbits.TRISD2
#define TRISD_RD3   TRISDbits.TRISD3
#define TRISD_RD4   TRISDbits.TRISD4
#define TRISD_RD5   TRISDbits.TRISD5
#define TRISD_RD6   TRISDbits.TRISD6
#define TRISD_RD7   TRISDbits.TRISD7
#define TRISE_RE0   TRISEbits.TRISE0
#define TRISE_RE1   TRISEbits.TRISE1
#define TRISE_RE2   TRISEbits.TRISE2
#define TRISE_RE3   TRISEbits.TRISE3
#define TRISE_RE4   TRISEbits.TRISE4
#define TRISE_RE5   TRISEbits.TRISE5
#define TRISE_RE6   TRISEbits.TRISE6
#define TRISE_RE7   TRISEbits.TRISE7
#define TRISF_RF0   TRISFbits.TRISF0
#define TRISF_RF1   TRISFbits.TRISF1
#define TRISF_RF2   TRISFbits.TRISF2
#define TRISF_RF3   TRISFbits.TRISF3
#define TRISF_RF4   TRISFbits.TRISF4
#define TRISF_RF5   TRISFbits.TRISF5
#define TRISF_RF6   TRISFbits.TRISF6
#define TRISF_RF7   TRISFbits.TRISF7
#define TRISG_RG0   TRISGbits.TRISG0
#define TRISG_RG1   TRISGbits.TRISG1
#define TRISG_RG2   TRISGbits.TRISG2
#define TRISG_RG3   TRISGbits.TRISG3
```

#define TRISG_RG4 TRISGbits.TRISG4
#define TRISG_RG5 TRISGbits.TRISG5
#define TXSTA1_BRGH TXSTA1bits.BRGH
#define TXSTA1_TRMT TXSTA1bits.TRMT
#define TXSTA2_BRGH TXSTA2bits.BRGH
#define TXSTA2_TRMT TXSTA2bits.TRMT
#define TXSTA_BRGH TXSTAbits.BRGH
#define TXSTA_TRMT TXSTAbits.TRMT
#define UPPER_LSB(a) ((a).v[2])
#define UPPER_MSB(a) ((a).v[3])
#define WORD_LSB(a) ((unsigned char) ((WORD_ARRAY)a).offset0)
#define WORD_MSB(a) ((unsigned char)
((WORD_ARRAY)a).offset1)

Typedefs

typedef enum _BOOL BOOL
typedef BYTE BUFFER
typedef unsigned char BYTE
typedef _BYTE_VAL BYTE_VAL
typedef unsigned long DWORD
typedef _DWORD_VAL DWORD_VAL
typedef unsigned short
long SWORD
typedef _SWORD_VAL SWORD_VAL
typedef unsigned short int WORD
typedef _WORD_ARRAY WORD_ARRAY
typedef _WORD_VAL WORD_VAL

Enumerations

enum _BOOL { FALSE = 0, TRUE }

Define Documentation

#define ADCON0_ADON ADCON0bits.ADON

#define ADCON0_GO ADCON0bits.GO

#define CLEAR_BIT (theByte,
mask) (theByte &= (~mask))

#define CLRWDT ( ) ClrWdt()

#define DISBALE_INTERRUPTS ( ) INTCON_GIEH = 0

```
#define EECON1_CFGS   EECON1bits.CFGS
#define EECON1_EEPGD   EECON1bits.EEPGD
#define EECON1_FREE   EECON1bits.FREE
#define EECON1_RD   EECON1bits.RD
#define EECON1_WR   EECON1bits.WR
#define EECON1_WREN   EECON1bits.WREN
#define ENABLE_INTERRUPTS   (       )     INTCON_GIEH = 1
#define INTCON2_RBPU   INTCON2bits.RBPU
#define INTCON_GIEH   INTCONbits.GIEH
#define INTCON_GIEL   INTCONbits.GIEL
#define INTCON_TMR0IE   INTCONbits.TMR0IE
#define INTCON_TMR0IF   INTCONbits.TMR0IF
#define IS_BIT_CLEAR   (  theByte,
                                mask          )     ((theByte & mask) == 0)
#define IS_BIT_SET   (  theByte,
                              mask          )     (theByte & mask)
#define LATA0   LATAbits.LATA0
#define LATA1   LATAbits.LATA1
#define LATA2   LATAbits.LATA2
#define LATA3   LATAbits.LATA3
#define LATA4   LATAbits.LATA4
#define LATA5   LATAbits.LATA5
#define LATB0   LATBbits.LATB0
#define LATB1   LATBbits.LATB1
#define LATB2   LATBbits.LATB2
#define LATB3   LATBbits.LATB3
#define LATB4   LATBbits.LATB4
#define LATB5   LATBbits.LATB5
#define LATB6   LATBbits.LATB6
```

Examples:

ex_tcp.c, ex_udp.c, and ex_udp_client2.c.

```
#define LATB7   LATBbits.LATB7
#define LATC0   LATCbits.LATC0
#define LATC1   LATCbits.LATC1
#define LATC2   LATCbits.LATC2
#define LATC3   LATCbits.LATC3
```

```
#define LATC4   LATCbits.LATC4
#define LATC5   LATCbits.LATC5
#define LATC6   LATCbits.LATC6
#define LATC7   LATCbits.LATC7
#define LATE0   LATEbits.LATE0
#define LATE1   LATEbits.LATE1
#define LATE2   LATEbits.LATE2
#define LATE3   LATEbits.LATE3
#define LATE4   LATEbits.LATE4
#define LATE5   LATEbits.LATE5
#define LATE6   LATEbits.LATE6
#define LATE7   LATEbits.LATE7
#define LATF0   LATFbits.LATF0
#define LATF1   LATFbits.LATF1
#define LATF2   LATFbits.LATF2
#define LATF3   LATFbits.LATF3
#define LATF4   LATFbits.LATF4
#define LATF5   LATFbits.LATF5
#define LATF6   LATFbits.LATF6
#define LATF7   LATFbits.LATF7
#define LATG0   LATGbits.LATG0
#define LATG1   LATGbits.LATG1
#define LATG2   LATGbits.LATG2
#define LATG3   LATGbits.LATG3
#define LATG4   LATGbits.LATG4
#define LATG5   LATGbits.LATG5
#define LOWER_LSB  ( a     )     ((a).v[0])
#define LOWER_MSB  ( a     )     ((a).v[1])
#define LSB  ( a     )     ((a).v[0])
#define MCHP_C18
#define MSB  ( a     )     ((a).v[1])
#define NOP  (       )     Nop()
#define OSCCON_LOCK   OSCCONbits.LOCK
#define OSCCON_PLLEN   OSCCONbits.PLLEN
#define OSCCON_SCS0   OSCCONbits.SCS0
```

#define OSCCON_SCS1 OSCCONbits.SCS1
#define PIE1_RCIE PIE1bits.RCIE
#define PIE1_TXIE PIE1bits.TXIE
#define PIR1_RCIF PIR1bits.RCIF
#define PIR1_TXIF PIR1bits.TXIF
#define PIR2_BCLIF PIR2bits.BCLIF
#define PIR3_TMR4IF PIR3bits.TMR4IF
#define PORTA_RA0 PORTAbits.RA0
#define PORTA_RA1 PORTAbits.RA1
#define PORTA_RA2 PORTAbits.RA2
#define PORTA_RA3 PORTAbits.RA3
#define PORTA_RA4 PORTAbits.RA4
#define PORTA_RA5 PORTAbits.RA5
#define PORTB_RB0 PORTBbits.RB0

Examples:

ex_udp_client2.c.

#define PORTB_RB1 PORTBbits.RB1
#define PORTB_RB2 PORTBbits.RB2
#define PORTB_RB3 PORTBbits.RB3
#define PORTB_RB4 PORTBbits.RB4
#define PORTB_RB5 PORTBbits.RB5
#define PORTB_RB6 PORTBbits.RB6
#define PORTB_RB7 PORTBbits.RB7
#define PORTC_RC0 PORTCbits.RC0
#define PORTC_RC1 PORTCbits.RC1
#define PORTC_RC2 PORTCbits.RC2
#define PORTC_RC3 PORTCbits.RC3
#define PORTC_RC4 PORTCbits.RC4
#define PORTC_RC5 PORTCbits.RC5
#define PORTC_RC6 PORTCbits.RC6
#define PORTC_RC7 PORTCbits.RC7
#define PORTD_RD0 PORTDbits.RD0
#define PORTD_RD1 PORTDbits.RD1
#define PORTD_RD2 PORTDbits.RD2
#define PORTD_RD3 PORTDbits.RD3

```
#define PORTD_RD4   PORTDbits.RD4
#define PORTD_RD5   PORTDbits.RD5
#define PORTD_RD6   PORTDbits.RD6
#define PORTD_RD7   PORTDbits.RD7
#define PORTE_RE0   PORTEbits.RE0
#define PORTE_RE1   PORTEbits.RE1
#define PORTE_RE2   PORTEbits.RE2
#define PORTE_RE3   PORTEbits.RE3
#define PORTE_RE4   PORTEbits.RE4
#define PORTE_RE5   PORTEbits.RE5
#define PORTE_RE6   PORTEbits.RE6
#define PORTE_RE7   PORTEbits.RE7
#define PORTF_RF0   PORTFbits.RF0
#define PORTF_RF1   PORTFbits.RF1
#define PORTF_RF2   PORTFbits.RF2
#define PORTF_RF3   PORTFbits.RF3
#define PORTF_RF4   PORTFbits.RF4
#define PORTF_RF5   PORTFbits.RF5
#define PORTF_RF6   PORTFbits.RF6
#define PORTF_RF7   PORTFbits.RF7
#define PORTG_RG0   PORTGbits.RG0
#define PORTG_RG1   PORTGbits.RG1
#define PORTG_RG2   PORTGbits.RG2
#define PORTG_RG3   PORTGbits.RG3
#define PORTG_RG4   PORTGbits.RG4
#define PORTG_RG5   PORTGbits.RG5
#define RCON_POR   RCONbits.POR
#define RCSTA1_CREN   RCSTA1bits.CREN
#define RCSTA2_CREN   RCSTA2bits.CREN
#define RCSTA_CREN   RCSTAbits.CREN
#define RESET   (       )     Reset()
#define ROM   rom
```

Examples:

ex_file_read.c, ex_httpgetvar.c, ex_httpgetvar2.c, and ex_tcp_sendfile.c.

```
#define SET_BIT   (  theByte,
```

```
                        mask        )    (theByte |= mask)
#define SLEEP   (       )    Sleep()
#define SSPCON1_WCOL   SSPCON1bits.WCOL
#define SSPCON2_ACKDT   SSPCON2bits.ACKDT
#define SSPCON2_ACKEN   SSPCON2bits.ACKEN
#define SSPCON2_ACKSTAT   SSPCON2bits.ACKSTAT
#define SSPCON2_PEN   SSPCON2bits.PEN
#define SSPCON2_RCEN   SSPCON2bits.RCEN
#define SSPCON2_RSEN   SSPCON2bits.RSEN
#define SSPCON2_SEN   SSPCON2bits.SEN
#define SSPSTAT_BF   SSPSTATbits.BF
#define SSPSTAT_R_W   SSPSTATbits.R_W
#define T0CON_TMR0ON   T0CONbits.TMR0ON
#define T2CON_TMR2ON   T2CONbits.TMR2ON
#define T4CON_TMR4ON   T4CONbits.TMR4ON
#define TRISA_RA0   TRISAbits.TRISA0
#define TRISA_RA1   TRISAbits.TRISA1
#define TRISA_RA2   TRISAbits.TRISA2
#define TRISA_RA3   TRISAbits.TRISA3
#define TRISA_RA4   TRISAbits.TRISA4
#define TRISA_RA5   TRISAbits.TRISA5
#define TRISB_RB0   TRISBbits.TRISB0
#define TRISB_RB1   TRISBbits.TRISB1
#define TRISB_RB2   TRISBbits.TRISB2
#define TRISB_RB3   TRISBbits.TRISB3
#define TRISB_RB4   TRISBbits.TRISB4
#define TRISB_RB5   TRISBbits.TRISB5
#define TRISB_RB6   TRISBbits.TRISB6
```

Examples:

ex_udp_client2.c.

```
#define TRISB_RB7   TRISBbits.TRISB7
#define TRISC_RC0   TRISCbits.TRISC0
#define TRISC_RC1   TRISCbits.TRISC1
#define TRISC_RC2   TRISCbits.TRISC2
#define TRISC_RC3   TRISCbits.TRISC3
```

```
#define TRISC_RC4   TRISCbits.TRISC4
#define TRISC_RC5   TRISCbits.TRISC5
#define TRISC_RC6   TRISCbits.TRISC6
#define TRISC_RC7   TRISCbits.TRISC7
#define TRISD_RD0   TRISDbits.TRISD0
#define TRISD_RD1   TRISDbits.TRISD1
#define TRISD_RD2   TRISDbits.TRISD2
#define TRISD_RD3   TRISDbits.TRISD3
#define TRISD_RD4   TRISDbits.TRISD4
#define TRISD_RD5   TRISDbits.TRISD5
#define TRISD_RD6   TRISDbits.TRISD6
#define TRISD_RD7   TRISDbits.TRISD7
#define TRISE_RE0   TRISEbits.TRISE0
#define TRISE_RE1   TRISEbits.TRISE1
#define TRISE_RE2   TRISEbits.TRISE2
#define TRISE_RE3   TRISEbits.TRISE3
#define TRISE_RE4   TRISEbits.TRISE4
#define TRISE_RE5   TRISEbits.TRISE5
#define TRISE_RE6   TRISEbits.TRISE6
#define TRISE_RE7   TRISEbits.TRISE7
#define TRISF_RF0   TRISFbits.TRISF0
#define TRISF_RF1   TRISFbits.TRISF1
#define TRISF_RF2   TRISFbits.TRISF2
#define TRISF_RF3   TRISFbits.TRISF3
#define TRISF_RF4   TRISFbits.TRISF4
#define TRISF_RF5   TRISFbits.TRISF5
#define TRISF_RF6   TRISFbits.TRISF6
#define TRISF_RF7   TRISFbits.TRISF7
#define TRISG_RG0   TRISGbits.TRISG0
#define TRISG_RG1   TRISGbits.TRISG1
#define TRISG_RG2   TRISGbits.TRISG2
#define TRISG_RG3   TRISGbits.TRISG3
#define TRISG_RG4   TRISGbits.TRISG4
#define TRISG_RG5   TRISGbits.TRISG5
#define TXSTA1_BRGH   TXSTA1bits.BRGH
#define TXSTA1_TRMT   TXSTA1bits.TRMT
```

#define TXSTA2_BRGH TXSTA2bits.BRGH

#define TXSTA2_TRMT TXSTA2bits.TRMT

#define TXSTA_BRGH TXSTAbits.BRGH

#define TXSTA_TRMT TXSTAbits.TRMT

#define UPPER_LSB (a) ((a).v[2])

#define UPPER_MSB (a) ((a).v[3])

#define WORD_LSB (a) ((unsigned char) ((WORD_ARRAY)a).offset0)

#define WORD_MSB (a) ((unsigned char) ((WORD_ARRAY)a).offset1)

Typedef Documentation

typedef enum _BOOL BOOL

typedef BYTE BUFFER

typedef unsigned char BYTE

Examples:

ex_file_image.c, ex_file_read.c, ex_httpexecgetcmd.c, ex_httpgetvar.c, ex_httpgetvar2.c, ex_tcp.c, ex_tcp_client.c, ex_tcp_echo.c, ex_tcp_sendfile.c, ex_udp.c, ex_udp_client.c, ex_udp_client2.c, ex_udp_echo.c, and ex_udp_echo2.c.

typedef union _BYTE_VAL BYTE_VAL

typedef unsigned long DWORD

typedef union _DWORD_VAL DWORD_VAL

typedef unsigned short long SWORD

typedef union _SWORD_VAL SWORD_VAL

typedef unsigned short int WORD

Examples:

ex_httpgetvar.c, ex_httpgetvar2.c, and ex_udp_echo2.c.

typedef struct _WORD_ARRAY WORD_ARRAY

typedef union _WORD_VAL WORD_VAL

Enumeration Type Documentation

enum _BOOL

Enumerator:

FALSE

TRUE
