

Re: CString hex value to CString decimal value

Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2005-07/msg01717.html>

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Your not looking hard enough.

```
int axtoi(const char *hexStg)
{
    int n = 0; // position in string
    int m = 0; // position in digit[] to shift
    int count; // loop index
    int intValue = 0; // integer value of hex string
    int digit[5]; // hold values to convert
    while (n < 4)
    {
        if (hexStg[n] == '\0')
            break;
        if (hexStg[n] > 0x29 && hexStg[n] < 0x40 ) //if 0 to 9
            digit[n] = hexStg[n] & 0x0f; //convert to int
        else if (hexStg[n] >='a' && hexStg[n] <='f') //if a to f
            digit[n] = (hexStg[n] & 0x0f) + 9; //convert to int
        else if (hexStg[n] >='A' && hexStg[n] <='F') //if A to F
            digit[n] = (hexStg[n] & 0x0f) + 9; //convert to int
        else break;
        n++;
    }
    count = n;
    m = n - 1;
    n = 0;
    while(n < count)
    {
        // digit[n] is value of hex digit at position n
        // (m << 2) is the number of positions to shift
        // OR the bits into return value
        intValue = intValue | (digit[n] << (m << 2));
        m--; // adjust the position to set
        n++; // next digit to process
    }
    return (intValue);
}
```

AliR.

