Subject: Re: Why long long int seems to be 32 bit longer?
Posted by forlano on Mon, 29 Jul 2019 18:24:38 GMT
View Forum Message <> Reply to Message

Hello Tom and Iñaki,

thanks a lot for fixing my code. Only three terrible bugs in less than 10 row, almost a record! :)
Now it works perfectly.

I hope to be able to save the long long int in a xml file and read it without loss of bits.

Best regards,
Luigi

PS: corrected code

```
#include <Core/Core.h>
using namespace Upp;

// set the kth bit
unsigned long long int setKthBit(unsigned long long int n, int k)
{
    return ((1ULL << k) | n);
}

int getKthBit(unsigned long long int n, int k)
{
  return (n & ( 1ULL << k )) >> k;
}

CONSOLE_APP_MAIN
{ unsigned long long int num = 0, n;
  int k = 60;
  n = setKthBit(num, k);
  printf("%llu \n", n);

  Cout()<<getKthBit(n,k);
}
```