

Re: unpacking ints

Source: http://coding.derkeiler.com/Archive/C_CPP/comp.lang.cpp/2004-03/0325.html

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Alberto Barbati wrote:

>

> *Karl Heinz Buchegger wrote:*

> >> *Is my method above for unpacking the int correct?*

> >

> > *The casts are wrong. You need to cast the individual bytes to unsigned int*

> > *first and cast the total result to int only after the number is constructed.*

>

> *Wrong. You need to cast the individual bytes to unsigned char not*

> *unsigned int. Otherwise a signed char will be promoted to (signed) int*

> *before being converted to unsigned int.*

Right.

I assumed that anybody working at the bytelevel uses unsigned char to store bytes and not plain char.

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