

C++ Tricks 1.1

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1.1 (?:)

(?:)C++(trinary operator)ifVisual
BasicifExcelif

condition ? true_value : false_value

*condition *bool**bool** **int ifwhile**

int *pi=getInt();

int i=pi?*pi:0;

pi0(dereference())iif

int iif(**int** con,**int** t,**int**f){**if**(c)**return** t;**return**
f;}//?:

...//in some function

int *pi=getInt();

int i=iif(pi,*pi,0);//Error!

C/C++pi

CMAX

#defineMAX(a,b) ((a)>(b)?(a):(b))

int i=5,j=6;//...

int a=MAX(++i,++j);

i,jai=5,j=6a=8

int a=(++i)>(++j)?(++i):(++j);//

ij:ji=6,j=8

MAXSTLstd::max

if""(TMP, Template MetaProgramming)

TMP(Specialization)

""TMP

Tttintsizeof(T)sizeof(int)

char buffer[sizeof(T)>sizeof(int)? sizeof(T):
sizeof(int)];

if

int i;

if(sizeof(T)>sizeof(int))i=sizeof(T);

else i=sizeof(int);

char buffer[i];//!

if