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Subject: Re: Upp 701-dev1 released  
Posted by [MikeP](#) on Fri, 12 Jan 2007 21:07:09 GMT  
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Werner wrote on Mon, 08 January 2007 23:41 Trying to build "Concrete01" or "ide", e. g., with gcc 4.1.1 yields:

```
Quote:D:\ProgWin\upp\uppsrc\Core\heap.cpp:60: error: expected ',' or '...' before 'char'
D:\ProgWin\upp\uppsrc\Core\heap.cpp: In function 'void Upp::MemorySum(int&)':
D:\ProgWin\upp\uppsrc\Core\heap.cpp:62: error: expected unqualified-id before '=' token
D:\ProgWin\upp\uppsrc\Core\heap.cpp:63: error: 'large' was not declared in this scope
D:\ProgWin\upp\uppsrc\Core\heap.cpp: In function 'void* Upp::MemoryAlloc(size_t)':
D:\ProgWin\upp\uppsrc\Core\heap.cpp:589: error: '_msize' was not declared in this scope
D:\ProgWin\upp\uppsrc\Core\heap.cpp: In function 'void Upp::MemoryFree(void*)':
D:\ProgWin\upp\uppsrc\Core\heap.cpp:611: error: '_msize' was not declared in this scope
```

The same is true for gcc 3.4.2.

Werner

all this errors are from heap.cpp  
change code on row 60 to:

```
void MemorySum(int& ismall, int& large)
{
    ismall = sSmallKb;
    large = (int) (sLarge >> 10);
}
```

the rest is by using `_msize()` function. This is MSC specific.  
This must be avoided by ex:

```
#ifndef COMPILER_GCC
#ifdef PLATFORM_WIN32
    sLarge += _msize(q);
#endif
#endif
```