
Subject: Re: Improved heap diagnostics

Posted by [mirek](#) on Sun, 16 Mar 2008 18:14:17 GMT

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Like this:

```
void *SysAllocRaw(size_t size)
{
    LTIMING("SysAllocRaw");
    if(sPeak) *sPeak = MemoryProfile();
    sKB += int(((size + 4095) & ~4095) >> 10);
#ifdef PLATFORM_WIN32
    void *ptr = VirtualAlloc(NULL, size, MEM_RESERVE|MEM_COMMIT, PAGE_READWRITE);
#else
#ifdef PLATFORM_LINUX
    void *ptr = mmap(0, size, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS,
-1, 0);
#else
    void *ptr = mmap(0, size, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANON, -1, 0);
#endif
#endif
    if(!ptr)
        Panic("Out of memory!");
    return ptr;
}
```

?

Mirek
