
Subject: stl-compatibility

Posted by [piotr5](#) on Fri, 12 Apr 2013 19:26:19 GMT

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I noticed you have some nice macros for enabling stl-compatibility in upp containers. unfortunately it doesn't always work the way it should. obviously `size()` you have not added the cv-qualifier `const`. are there any containers that return `GetCount()` that could alter the object, or containers that abuse the call for cleaning up?

another more serious problem I noticed when trying the `std::includes()` template algorithm:

In file included from

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_algobase.h:66:0,`
from `/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/algorithm:62,`
from `/home/p/upp/uppsrc/Core/Core.h:212,`
from `/home/p/MyApps/s6/s6.cpp:1:`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h: At global scope:`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h: In`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_algo.h:3519:2: instantiated from`

`r2) [with _Iter1 = Upp::Array<Upp::String>::ConstIterator, _Iter2 =`

`/home/p/MyApps/s6/s6.cpp:95:98: instantiated from here`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h:166:53: error:`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h:167:53: error:`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h:168:53: error:`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h:169:53: error:`

`/usr/lib/gcc/x86_64-pc-linux-gnu/4.6.3/include/g++-v4/bits/stl_iterator_base_types.h:170:53: error:`

is there any list of what algorithms are supported and what aren't? or will this get better with next gcc version?
