Ticket #7296 (new Bugs)

Bug-fix and improvements to test utility functions

Opened 18 hours ago
Last modified 2 hours ago

Reported by:	Marco Guazzone <marco.guazzone@…>	Owned by:	guwi17
Milestone:	To Be Determined	Component:	uBLAS
Version:	Boost 1.52.0	Severity:	Problem
Keywords:		Cc:	

Description

Three years ago I introduced in `libs/numeric/ublas/test/utils` a small set of utility functions for testing purpose.

Now, I corrected some bugs and added new and hopefully useful functions.

Furthermore, I fixed the license part.

I attach a patch file along with the whole include file.

I tested it against the following tests:

```
begin_end
num_columns
num_rows
size
test_complex_norms
```

and all works.

I had to skip the following tests since they fail (not for the new version of utils.hpp):

```
test_assignment
test_coordinate_matrix_sort
test_inplace_solve
```

Could you add it?

Attachments

- utils.patch (10.1 KB) - added by *Marco Guazzone <marco.guazzone@…>* 18 hours ago.
  Patch file for utils.hpp
- utils.hpp (8.6 KB) - added by *Marco Guazzone <marco.guazzone@…>* 18 hours ago.
  The new (i.e., already patched) utils.hpp
- utils-new.patch (12.5 KB) - added by *Marco Guazzone <marco.guazzone@…>* 13 hours ago.
  New patch file for utils.hpp
- utils.2.hpp (11.0 KB) - added by *Marco Guazzone <marco.guazzone@…>* 13 hours ago.
  The new (i.e., already patched by `utils-new.patch`) utils.hpp
- utils-201208280915.patch (12.5 KB) - added by *Marco Guazzone <marco.guazzone@…>* 3 hours ago.
  Patch file for utils.hpp to be applied against the version you currently find in boost trunk
- utils_UBLA_UBLAS-201208280915.patch (1.2 KB) - added by *Marco Guazzone <marco.guazzone@…>* 2 hours ago.

Patch file for utils.hpp to be applied against the version of utils.hpp patched with utils-new.patch (i.e., the one named utils.2.hpp)

- utils.3.hpp (11.0 KB) - added by *Marco Guazzone <marco.guazzone@…>* 2 hours ago.
  The new (i.e., already patched by utils-201208280915.patch) utils.hpp file.

Change History

Changed 18 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils.patch* added

  Patch file for utils.hpp

Changed 18 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils.hpp* added

  The new (i.e., already patched) utils.hpp

Changed 13 hours ago by Marco Guazzone <marco.guazzone@…>   comment:1

The previously attached patch contained simpler macros but some output messages was less informative (for the user). Now, with the new attached patch utils-new.patch, those output messages are again informative.

Sorry for the inconvenience.

Changed 13 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils-new.patch* added

  New patch file for utils.hpp

Changed 13 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils.2.hpp* added

  The new (i.e., already patched by utils-new.patch) utils.hpp

Changed 12 hours ago by guwi17   comment:2

(In [80267]) boost/numeric/ublas/triangular.hpp - applied patch, see #4024 libs/numeric/ublas/test/test_inplace_solve.cpp - fixed includes

libs/numeric/ublas/test/utils.hpp - applied patch (after s/BOOST_UBLA_TEST/BOOST_UBLAS_TEST/g), see #7296

Changed 3 hours ago by Marco Guazzone <marco.guazzone@…>   comment:3

The previous patch file utils-new.patch contained bad macro names: BOOST_UBLA_TEST_CHECK_EQ and BOOST_UBLA_TEST_CHECK_EQUAL. Specifically, UBLA_ should be UBLAS_. The new attached patch fix this.

I attach two patches:

- utils-201208280915.patch is the patch file to be used if applied against the original (unpatched) utils.hpp (i.e., the one you find in the actual boost trunk).
- utils-201208280915.patch is the patch file to be used if applied against the patched utils.hpp (i.e., the ones named utils.2.hpp in the above attachments).

As before, I also attach the new (patched) version of utils.hpp.

Again, sorry for this inconvenience, and thanks to *guwi17* for pointing it out.

Changed 3 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils-201208280915.patch* added

  Patch file for utils.hpp to be applied against the version you currently find in boost trunk

Changed 2 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils_UBLA_UBLAS-201208280915.patch* added

  Patch file for utils.hpp to be applied against the version of utils.hpp patched with utils-new.patch (i.e., the one named utils.2.hpp)

Changed 2 hours ago by Marco Guazzone <marco.guazzone@…>

- **attachment** *utils.3.hpp* added

  The new (i.e., already patched by utils-201208280915.patch) utils.hpp file.

Changed 2 hours ago by Marco Guazzone <marco.guazzone@…>   comment:4

In the last my comment, read the second utils-201208280915.patch as utils_UBLA_UBLAS-201208280915.patch.