RcppArmadillo: Unit testing results

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RcppArmadillo version 0.8.300.1.0 as of December 4, 2017

Test Execution

```
Executing test function test.complex  ...  done successfully.
```

```
Executing test function test.cube  ...  done successfully.
```

```
Executing test function test.fastLm  ...  done successfully.
```

```
Executing test function test.fastLm.default  ...  done successfully.
```

```
Executing test function test.fastLm.formula  ...  done successfully.
```

```
Executing test function test.summary.fastLm  ...  done successfully.
```

```
Executing test function test.armadillo.as_vector  ...  done successfully.
```

```
Executing test function test.armadillo.mat.const  ...  done successfully.
```

```
Executing test function test.armadillo.mat.const.ref  ...  done successfully.
```

```
Executing test function test.armadillo.mat.plain  ...  done successfully.
```

```
Executing test function test.armadillo.mat.ref  ...  done successfully.
```

```
Executing test function test.armadillo.sugar.ctor  ...  done successfully.


Executing test function test.armadillo.sugar.matrix.ctor  ...  done successfully.


Executing test function test.armadillo.unsigned.as  ...  done successfully.


Executing test function test.armadillo.vec.const  ...  done successfully.


Executing test function test.armadillo.vec.const.ref  ...  done successfully.


Executing test function test.armadillo.vec.plain  ...  done successfully.


Executing test function test.armadillo.vec.ref  ...  done successfully.


Executing test function test.as.Col  ...  done successfully.


Executing test function test.as.Mat  ...  done successfully.


Executing test function test.as.Row  ...  done successfully.


Executing test function test.cxmat  ...  done successfully.


Executing test function test.mtGlue  ...  done successfully.


Executing test function test.mtOp  ...  done successfully.
```

```
Executing test function test.sugar  ...  done successfully.

Executing test function test.sugar.cplx  ...  done successfully.

Executing test function test.wrap.Glue  ...  done successfully.

Executing test function test.wrap.Op  ...  done successfully.

Executing test function test.wrap.R  ...  done successfully.

Executing test function test.randi  ...  done successfully.

Executing test function test.randi.seed  ...  done successfully.

Executing test function test.randn  ...  done successfully.

Executing test function test.randn.seed  ...  done successfully.

Executing test function test.randu  ...  done successfully.

Executing test function test.randu.seed  ...  done successfully.

Executing test function test.sample  ...  done successfully.

Executing test function test.coo2dgt  ...  done successfully.

Executing test function test.csc2dgc  ...  done successfully.
```

```
Executing test function test.csr2dgr  ...  done successfully.


Executing test function test.other  ...  done successfully.


Executing test function test.as.sparse  ...  done successfully.


Executing test function test.sparse.addition  ...  done successfully.


Executing test function test.sparse.fromTriplet  ...  done successfully.


Executing test function test.sparse.iterators  ...  done successfully.


Executing test function test.sparse.list  ...  done successfully.


Executing test function test.sparse.multiplication  ...  done successfully.


Executing test function test.sparse.sqrt  ...  done successfully.


Executing test function test.sparse.square  ...  done successfully.


Executing test function test.sparse.transpose  ...  done successfully.


Executing test function test.speye  ...  done successfully.


Executing test function test.as.ddi2dgc  ...  done successfully.


Executing test function test.as.dgc2dgc  ...  done successfully.
```

```
Executing test function test.as.dgr2dgc  ...  done successfully.


Executing test function test.as.dgt2dgc  ...  done successfully.


Executing test function test.as.dsc2dgc  ...  done successfully.


Executing test function test.as.dsr2dgc  ...  done successfully.


Executing test function test.as.dst2dgc  ...  done successfully.


Executing test function test.as.dtc2dgc  ...  done successfully.


Executing test function test.as.dtr2dgc  ...  done successfully.


Executing test function test.as.dtt2dgc  ...  done successfully.


Executing test function test.as.ind2dgc  ...  done successfully.


Executing test function test.as.p2dgc  ...  done successfully.


Executing test function test.stop  ...  done successfully.
```

Test Results

```
RUNIT TEST PROTOCOL -- Mon Dec  4 15:30:46 2017
***********************************************
Number of test functions: 63
Number of errors: 0
Number of failures: 0


1 Test Suite :
```

```
RcppArmadillo unit testing - 63 test functions, 0 errors, 0 failures




Details
***************************
Test Suite: RcppArmadillo unit testing
Test function regexp: ^test.+
Test file regexp: ^runit.+\.[rR]$
Involved directory:
/tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests
---------------------------
Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.complex.R
test.complex: (11 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.cube.R
test.cube: (18 checks) ... OK (0.01 seconds)
---------------------------
Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.fastLm.R
test.fastLm: (3 checks) ... OK (0.01 seconds)
test.fastLm.default: (5 checks) ... OK (0 seconds)
test.fastLm.formula: (5 checks) ... OK (0.01 seconds)
test.summary.fastLm: (12 checks) ... OK (0.02 seconds)
---------------------------
Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.RcppArmadillo.R
test.armadillo.as_vector: (6 checks) ... OK (0 seconds)
test.armadillo.mat.const: (1 checks) ... OK (0 seconds)
test.armadillo.mat.const.ref: (1 checks) ... OK (0 seconds)
test.armadillo.mat.plain: (1 checks) ... OK (0 seconds)
test.armadillo.mat.ref: (1 checks) ... OK (0 seconds)
test.armadillo.sugar.ctor: (1 checks) ... OK (0 seconds)
test.armadillo.sugar.matrix.ctor: (1 checks) ... OK (0 seconds)
test.armadillo.unsigned.as: (8 checks) ... OK (0 seconds)
test.armadillo.vec.const: (1 checks) ... OK (0 seconds)
test.armadillo.vec.const.ref: (1 checks) ... OK (0 seconds)
test.armadillo.vec.plain: (1 checks) ... OK (0 seconds)
test.armadillo.vec.ref: (1 checks) ... OK (0 seconds)
test.as.Col: (1 checks) ... OK (0 seconds)
test.as.Mat: (1 checks) ... OK (0 seconds)
test.as.Row: (1 checks) ... OK (0 seconds)
test.cxmat: (1 checks) ... OK (0 seconds)
test.mtGlue: (1 checks) ... OK (0 seconds)
test.mtOp: (1 checks) ... OK (0 seconds)
test.sugar: (1 checks) ... OK (0 seconds)
test.sugar.cplx: (1 checks) ... OK (0 seconds)
test.wrap.Glue: (1 checks) ... OK (0 seconds)
test.wrap.Op: (1 checks) ... OK (0 seconds)
test.wrap.R: (10 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.rng.R
test.randi: (2 checks) ... OK (0 seconds)
test.randi.seed: (1 checks) ... OK (0 seconds)
test.randn: (3 checks) ... OK (0 seconds)
test.randn.seed: (1 checks) ... OK (0 seconds)
test.randu: (2 checks) ... OK (0 seconds)
```

```
test.randu.seed: (1 checks) ... OK (0 seconds)
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Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.sample.R
test.sample: (21 checks) ... OK (0.02 seconds)
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Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.scipy2r.R
test.coo2dgt: (1 checks) ... OK (0.01 seconds)
test.csc2dgc: (1 checks) ... OK (0.01 seconds)
test.csr2dgr: (1 checks) ... OK (0.01 seconds)
test.other: (1 checks) ... OK (0 seconds)
--------------------------
Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.sparse.R
test.as.sparse: (1 checks) ... OK (0 seconds)
test.sparse.addition: (1 checks) ... OK (0 seconds)
test.sparse.fromTriplet: (1 checks) ... OK (0.05 seconds)
test.sparse.iterators: (1 checks) ... OK (0 seconds)
test.sparse.list: (1 checks) ... OK (0 seconds)
test.sparse.multiplication: (1 checks) ... OK (0 seconds)
test.sparse.sqrt: (1 checks) ... OK (0 seconds)
test.sparse.square: (1 checks) ... OK (0 seconds)
test.sparse.transpose: (1 checks) ... OK (0 seconds)
test.speye: (3 checks) ... OK (0.04 seconds)
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Test file: /tmp/Rinst1ead55b2afb3/RcppArmadillo/unitTests/runit.sparseConversion.R
test.as.ddi2dgc: (8 checks) ... OK (0.03 seconds)
test.as.dgc2dgc: (14 checks) ... OK (0.02 seconds)
test.as.dgr2dgc: (5 checks) ... OK (0.01 seconds)
test.as.dgt2dgc: (18 checks) ... OK (0.06 seconds)
test.as.dsc2dgc: (8 checks) ... OK (0.08 seconds)
test.as.dsr2dgc: (4 checks) ... OK (0.02 seconds)
test.as.dst2dgc: (2 checks) ... OK (0.01 seconds)
test.as.dtc2dgc: (5 checks) ... OK (0.04 seconds)
test.as.dtr2dgc: (4 checks) ... OK (0.01 seconds)
test.as.dtt2dgc: (4 checks) ... OK (0.02 seconds)
test.as.ind2dgc: (9 checks) ... OK (0.03 seconds)
test.as.p2dgc: (5 checks) ... OK (0.01 seconds)
test.stop: (7 checks) ... OK (0.02 seconds)
```