RcppArmadillo: Unit testing results

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RcppArmadillo version 0.8.600.0.0 as of June 28, 2018

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.Rlapack  ...  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.as.stm2dgc  ...  done successfully.

Executing test function test.as.stm2stm  ...  done successfully.

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

Test Results

```
RUNIT TEST PROTOCOL -- Thu Jun 28 06:22:12 2018
***********************************************
Number of test functions: 66
Number of errors: 0
Number of failures: 0


1 Test Suite :
RcppArmadillo unit testing - 66 test functions, 0 errors, 0 failures



Details
**************************
Test Suite: RcppArmadillo unit testing
Test function regexp: ^test.+
Test file regexp: ^runit.+\.[rR]$
Involved directory:
/tmp/Rinst526067994951/RcppArmadillo/unitTests
--------------------------
Test file: /tmp/Rinst526067994951/RcppArmadillo/unitTests/runit.complex.R
test.complex: (11 checks) ... OK (0 seconds)
--------------------------
Test file: /tmp/Rinst526067994951/RcppArmadillo/unitTests/runit.cube.R
test.cube: (18 checks) ... OK (0.01 seconds)
--------------------------
Test file: /tmp/Rinst526067994951/RcppArmadillo/unitTests/runit.fastLm.R
test.fastLm: (3 checks) ... OK (0 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/Rinst526067994951/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/Rinst526067994951/RcppArmadillo/unitTests/runit.Rlapack.R
test.Rlapack: (7 checks) ... OK (0.01 seconds)
--------------------------
Test file: /tmp/Rinst526067994951/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)
--------------------------
Test file: /tmp/Rinst526067994951/RcppArmadillo/unitTests/runit.sample.R
test.sample: (21 checks) ... OK (0.02 seconds)
--------------------------
Test file: /tmp/Rinst526067994951/RcppArmadillo/unitTests/runit.scipy2r.R
test.coo2dgt: (1 checks) ... OK (0.01 seconds)
test.csc2dgc: (1 checks) ... OK (0 seconds)
test.csr2dgr: (1 checks) ... OK (0.01 seconds)
test.other: (1 checks) ... OK (0 seconds)
--------------------------
Test file: /tmp/Rinst526067994951/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 (0.03 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 (0.03 seconds)
--------------------------
Test file: /tmp/Rinst526067994951/RcppArmadillo/unitTests/runit.sparseConversion.R
test.as.ddi2dgc: (8 checks) ... OK (0.03 seconds)
test.as.dgc2dgc: (14 checks) ... OK (0.01 seconds)
test.as.dgr2dgc: (5 checks) ... OK (0.01 seconds)
test.as.dgt2dgc: (18 checks) ... OK (0.04 seconds)
test.as.dsc2dgc: (8 checks) ... OK (0.06 seconds)
test.as.dsr2dgc: (4 checks) ... OK (0.02 seconds)
test.as.dst2dgc: (2 checks) ... OK (0 seconds)
test.as.dtc2dgc: (5 checks) ... OK (0.03 seconds)
test.as.dtr2dgc: (4 checks) ... OK (0.01 seconds)
test.as.dtt2dgc: (4 checks) ... OK (0.01 seconds)
test.as.ind2dgc: (9 checks) ... OK (0.02 seconds)
test.as.p2dgc: (5 checks) ... OK (0.01 seconds)
test.as.stm2dgc: (1 checks) ... OK (0 seconds)
test.as.stm2stm: (1 checks) ... OK (0 seconds)
test.stop: (7 checks) ... OK (0.02 seconds)
```