

# RcppArmadillo: Unit testing results

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RcppArmadillo version 0.7.960.1.1 as of August 20, 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 -- Sun Aug 20 06:59:38 2017

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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

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Test Suite: RcppArmadillo unit testing

Test function regexp: ^test.+

Test file regexp: ^runit.+\. [rR]\$

Involved directory:

/tmp/Rinst612cc252b25/RcppArmadillo/unitTests

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Test file: /tmp/Rinst612cc252b25/RcppArmadillo/unitTests/runit.complex.R  
test.complex: (11 checks) ... OK (0.01 seconds)

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Test file: /tmp/Rinst612cc252b25/RcppArmadillo/unitTests/runit.cube.R  
test.cube: (18 checks) ... OK (0.02 seconds)

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Test file: /tmp/Rinst612cc252b25/RcppArmadillo/unitTests/runit.fastLm.R  
test.fastLm: (3 checks) ... OK (0.02 seconds)  
test.fastLm.default: (5 checks) ... OK (0 seconds)  
test.fastLm.formula: (5 checks) ... OK (0.02 seconds)  
test.summary.fastLm: (12 checks) ... OK (0.03 seconds)

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Test file: /tmp/Rinst612cc252b25/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)

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Test file: /tmp/Rinst612cc252b25/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)

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test.randu.seed: (1 checks) ... OK (0 seconds)
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Test file: /tmp/Rinst612cc252b25/RcppArmadillo/unitTests/runit.sample.R
test.sample: (21 checks) ... OK (0.03 seconds)
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Test file: /tmp/Rinst612cc252b25/RcppArmadillo/unitTests/runit.scipy2r.R
test.coo2dgt: (1 checks) ... OK (0.03 seconds)
test.csc2dgc: (1 checks) ... OK (0.01 seconds)
test.csr2dgr: (1 checks) ... OK (0.01 seconds)
test.other: (1 checks) ... OK (0 seconds)
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Test file: /tmp/Rinst612cc252b25/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 (0.06 seconds)
test.sparse.iterators: (1 checks) ... OK (0.01 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 (0.05 seconds)
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Test file: /tmp/Rinst612cc252b25/RcppArmadillo/unitTests/runit.sparseConversion.R
test.as.ddi2dgc: (8 checks) ... OK (0.04 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 (0.09 seconds)
test.as.dsc2dgc: (8 checks) ... OK (0.1 seconds)
test.as.dsr2dgc: (4 checks) ... OK (0.03 seconds)
test.as.dst2dgc: (2 checks) ... OK (0.01 seconds)
test.as.dtc2dgc: (5 checks) ... OK (0.05 seconds)
test.as.dtr2dgc: (4 checks) ... OK (0.02 seconds)
test.as.dtt2dgc: (4 checks) ... OK (0.03 seconds)
test.as.ind2dgc: (9 checks) ... OK (0.04 seconds)
test.as.p2dgc: (5 checks) ... OK (0.02 seconds)
test.stop: (7 checks) ... OK (0.04 seconds)

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