

Rcpp : Unit testing results

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RUNIT TEST PROTOCOL -- Sun Feb 14 12:27:40 2010

Number of test functions: 192

Number of errors: 0

Number of failures: 1

1 Test Suite :

Rcpp unit testing - 192 test functions, 0 errors, 1 failure

FAILURE in test.Language.unary.call.index: Error in checkEquals(funx(1:10), lapply(1:10, function(n) seq

Component 1: Numeric: lengths (10, 2) differ

Component 2: Numeric: lengths (9, 3) differ

Component 3: Numeric: lengths (8, 4) differ

Component 4: Numeric: lengths (7, 5) differ

Component 5: Mean relative difference: 0.6667

Component 6: Numeric: lengths (5, 7) differ

Component 7: Numeric: lengths (4, 8) differ

Component 8: Numeric: lengths (3, 9) differ

Component 9: Numeric: lengths (2, 10) differ

Component 10: Numeric: lengths (1, 11) differc++ lapply using calls

Details

Test Suite: Rcpp unit testing

Test function regexp: ^test.+

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

Involved directory:

/tmp/Rinst543485804/Rcpp/unitTests

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.as.R

test.as.bool: (4 checks) ... OK (0.88 seconds)

test.as.double: (4 checks) ... OK (0.86 seconds)

test.as.int: (4 checks) ... OK (0.85 seconds)

test.as.raw: (4 checks) ... OK (0.86 seconds)

test.as.string: (1 checks) ... OK (0.87 seconds)

test.as.vector.bool: (1 checks) ... OK (0.88 seconds)

test.as.vector.double: (4 checks) ... OK (0.88 seconds)

test.as.vector.int: (4 checks) ... OK (0.88 seconds)

test.as.vector.raw: (4 checks) ... OK (0.93 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.CharacterVector.R

test.CharacterVector: (1 checks) ... OK (0.95 seconds)

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test.CharacterVector.assign: (2 checks) ... OK (1.96 seconds)
test.CharacterVector.Dimension.constructor: (3 checks) ... OK (2.69 seconds)
test.CharacterVector.initializer.list: (1 checks) ... OK (1.02 seconds)
test.CharacterVector.iterator: (2 checks) ... OK (1.9 seconds)
test.CharacterVector.matrix.indexing: (3 checks) ... OK (1.81 seconds)
test.CharacterVector.names.indexing: (1 checks) ... OK (0.92 seconds)
test.CharacterVector.plusequals: (1 checks) ... OK (0.92 seconds)
test.CharacterVector.range.constructors: (2 checks) ... OK (1.91 seconds)
test.CharacterVector.reverse: (2 checks) ... OK (0.89 seconds)
test.CharacterVector.STRSXP: (1 checks) ... OK (0.92 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.clone.R

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test.clone: (2 checks) ... OK (0.88 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.ComplexVector.R

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test.ComplexVector: (1 checks) ... OK (0.91 seconds)
test.ComplexVector.initializer.list: (1 checks) ... OK (1.06 seconds)
test.ComplexVector.INTSXP: (1 checks) ... OK (0.87 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.environments.R

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test.environment.assign: (6 checks) ... OK (0.93 seconds)
test.environment.base.env: (1 checks) ... OK (0.81 seconds)
test.environment.bindingIsActive: (3 checks) ... OK (0.86 seconds)
test.environment.bindingIsLocked: (3 checks) ... OK (0.88 seconds)
test.environment.child: (1 checks) ... OK (0.85 seconds)
test.environment.constructor.int: (12 checks) ... OK (0.86 seconds)
test.environment.constructor.SEXP: (7 checks) ... OK (0.85 seconds)
test.environment.constructor.stdstring: (3 checks) ... OK (0.85 seconds)
test.environment.empty.env: (1 checks) ... OK (0.84 seconds)
test.environment.exists: (3 checks) ... OK (0.87 seconds)
test.environment.get: (3 checks) ... OK (0.85 seconds)
test.environment.global.env: (1 checks) ... OK (0.84 seconds)
test.environment.isLocked: (5 checks) ... OK (1.07 seconds)
test.environment.lockBinding: (2 checks) ... OK (1 seconds)
test.environment.ls: (4 checks) ... OK (1.68 seconds)
test.environment.namespace.env: (2 checks) ... OK (0.87 seconds)
test.environment.NotAnEnvironment: (4 checks) ... OK (0.85 seconds)
test.environment.parent: (2 checks) ... OK (0.83 seconds)
test.environment.Rcpp: (1 checks) ... OK (0.82 seconds)
test.environment.remove: (5 checks) ... OK (0.89 seconds)
test.environment.square: (1 checks) ... OK (1 seconds)
test.environment.unlockBinding: (2 checks) ... OK (0.86 seconds)

```

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.evaluator.R

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test.evaluator.error: (1 checks) ... OK (0.84 seconds)
test.evaluator.ok: (1 checks) ... OK (0.83 seconds)

```

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.exceptions.R

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test.exceptions: (7 checks) ... OK (0.82 seconds)

```

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.ExpressionVector.R

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test.ExpressionVector: (1 checks) ... OK (0.93 seconds)
test.ExpressionVector.eval: (1 checks) ... OK (0.89 seconds)
test.ExpressionVector.eval.env: (1 checks) ... OK (0.89 seconds)
test.ExpressionVector.parse: (1 checks) ... OK (0.87 seconds)

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test.ExpressionVector.parse.error: (1 checks) ... OK (0.89 seconds)
test.ExpressionVector.variadic: (1 checks) ... OK (1.17 seconds)
-----
Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.Function.R
test.Function: (7 checks) ... OK (0.82 seconds)
test.Function.env: (3 checks) ... OK (0.87 seconds)
test.Function.variadic: (2 checks) ... OK (1.01 seconds)
-----
Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.GenericVector.R
test.List: (1 checks) ... OK (0.89 seconds)
test.List.Dimension.constructor: (3 checks) ... OK (2.81 seconds)
test.List.erase: (1 checks) ... OK (0.92 seconds)
test.List.erase.range: (1 checks) ... OK (0.92 seconds)
test.List.initializer.list: (1 checks) ... OK (1.01 seconds)
test.List.insert: (1 checks) ... OK (1.01 seconds)
test.List.iterator: (1 checks) ... OK (0.92 seconds)
test.List.matrix.indexing: (3 checks) ... OK (1.87 seconds)
test.List.name.indexing: (1 checks) ... OK (1.16 seconds)
test.List.push.back: (1 checks) ... OK (1.45 seconds)
test.List.push.front: (1 checks) ... OK (1.41 seconds)
test.List.template: (1 checks) ... OK (1.18 seconds)
test.List.VECSXP: (1 checks) ... OK (1.09 seconds)
-----
Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.IntegerVector.R
test.IntegerVector: (1 checks) ... OK (0.93 seconds)
test.IntegerVector.Dimension.constructor: (3 checks) ... OK (2.82 seconds)
test.IntegerVector.initializer.list: (1 checks) ... OK (1.01 seconds)
test.IntegerVector.INTSXP: (1 checks) ... OK (0.91 seconds)
test.IntegerVector.matrix.indexing: (3 checks) ... OK (1.77 seconds)
test.IntegerVector.names.get: (1 checks) ... OK (0.9 seconds)
test.IntegerVector.names.indexing: (1 checks) ... OK (0.91 seconds)
test.IntegerVector.names.set: (1 checks) ... OK (0.99 seconds)
test.IntegerVector.range.constructors: (2 checks) ... OK (2.81 seconds)
-----
Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.Language.R
test.Language: (7 checks) ... OK (1.41 seconds)
test.Language.binary.call: (1 checks) ... OK (1.69 seconds)
test.Language.function: (1 checks) ... OK (1.51 seconds)
test.Language.inputoperator: (1 checks) ... OK (1.49 seconds)
test.Language.push.back: (1 checks) ... OK (1.68 seconds)
test.Language.square: (2 checks) ... OK (3.36 seconds)
test.Language.unary.call: (1 checks) ... OK (1.72 seconds)
test.Language.unary.call.index: FAILURE !! (check number 1)
Error in checkEquals(funx(1:10), lapply(1:10, function(n) seq(from = n, :
  Component 1: Numeric: lengths (10, 2) differ
Component 2: Numeric: lengths (9, 3) differ
Component 3: Numeric: lengths (8, 4) differ
Component 4: Numeric: lengths (7, 5) differ
Component 5: Mean relative difference: 0.6667
Component 6: Numeric: lengths (5, 7) differ
Component 7: Numeric: lengths (4, 8) differ
Component 8: Numeric: lengths (3, 9) differ
Component 9: Numeric: lengths (2, 10) differ
Component 10: Numeric: lengths (1, 11) differc++ lapply using calls
test.Language.variadic: (2 checks) ... OK (3.3 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.NumericVector.R
test.NumericVector: (1 checks) ... OK (1.92 seconds)
test.NumericVector.initializer.list: (1 checks) ... OK (1.6 seconds)
test.NumericVector.matrix.indexing: (3 checks) ... OK (2.82 seconds)
test.NumericVector.REALSXP: (1 checks) ... OK (1.44 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.Pairlist.R
test.Pairlist: (8 checks) ... OK (0.84 seconds)
test.Pairlist.insert: (1 checks) ... OK (1.01 seconds)
test.Pairlist.push.back: (1 checks) ... OK (1.04 seconds)
test.Pairlist.push.front: (1 checks) ... OK (1.17 seconds)
test.Pairlist.remove: (3 checks) ... OK (2.78 seconds)
test.Pairlist.replace: (1 checks) ... OK (0.99 seconds)
test.Pairlist.size: (1 checks) ... OK (0.89 seconds)
test.Pairlist.square: (2 checks) ... OK (1.84 seconds)
test.Pairlist.variadic: (2 checks) ... OK (2.03 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RawVector.R
test.RawVector: (1 checks) ... OK (0.91 seconds)
test.RawVector.initializer.list: (1 checks) ... OK (1 seconds)
test.RawVector.REALSXP: (1 checks) ... OK (0.9 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppDate.R
test.RcppDate.get.functions: (1 checks) ... OK (1 seconds)
test.RcppDate.operators: (1 checks) ... OK (0.97 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppDatetime.R
test.RcppDatetime.get.functions: (1 checks) ... OK (0.97 seconds)
test.RcppDatetime.operators: (1 checks) ... OK (1 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppMatrix.R
test.RcppMatrix.double: (1 checks) ... OK (1.03 seconds)
test.RcppMatrix.double.na.nan: (1 checks) ... OK (0.96 seconds)
test.RcppMatrix.int: (1 checks) ... OK (1.06 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppMatrixView.R
test.RcppMatrixView.double: (1 checks) ... OK (0.97 seconds)
test.RcppMatrixView.int: (1 checks) ... OK (0.95 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppParams.R
test.RcppParams.Bool: (1 checks) ... OK (0.98 seconds)
test.RcppParams.Date: (1 checks) ... OK (1.14 seconds)
test.RcppParams.Datetime: (1 checks) ... OK (1.09 seconds)
test.RcppParams.Double: (1 checks) ... OK (0.97 seconds)
test.RcppParams.Int: (1 checks) ... OK (0.96 seconds)
test.RcppParams.String: (1 checks) ... OK (0.94 seconds)

Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppResultSet.R
test.RcppResultSet.double: (1 checks) ... OK (0.97 seconds)
test.RcppResultSet.double.matrix: (1 checks) ... OK (0.91 seconds)
test.RcppResultSet.double.vector: (1 checks) ... OK (0.91 seconds)
test.RcppResultSet.int: (1 checks) ... OK (0.93 seconds)
test.RcppResultSet.int.matrix: (1 checks) ... OK (0.92 seconds)
test.RcppResultSet.int.vector: (1 checks) ... OK (0.91 seconds)

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test.RcppResultSet.RcppDate: (1 checks) ... OK (1 seconds)
test.RcppResultSet.RcppDatetime: (1 checks) ... OK (0.94 seconds)
test.RcppResultSet.RcppDatetimeVector: (1 checks) ... OK (0.94 seconds)
test.RcppResultSet.RcppDateVector: (1 checks) ... OK (0.95 seconds)
test.RcppResultSet.RcppFrame: (1 checks) ... OK (1.05 seconds)
test.RcppResultSet.RcppMatrix.double: (1 checks) ... OK (0.93 seconds)
test.RcppResultSet.RcppMatrix.int: (1 checks) ... OK (0.95 seconds)
test.RcppResultSet.RcppStringVector: (1 checks) ... OK (0.94 seconds)
test.RcppResultSet.RcppVector.double: (1 checks) ... OK (0.93 seconds)
test.RcppResultSet.RcppVector.int: (1 checks) ... OK (0.97 seconds)
test.RcppResultSet.SEXP: (1 checks) ... OK (0.94 seconds)
test.RcppResultSet.std.vector.double: (1 checks) ... OK (1.02 seconds)
test.RcppResultSet.std.vector.int: (1 checks) ... OK (1.04 seconds)
test.RcppResultSet.std.vector.std.vector.double: (1 checks) ... OK (1.23 seconds)
test.RcppResultSet.std.vector.std.vector.int: (1 checks) ... OK (1.13 seconds)
test.RcppResultSet.string: (1 checks) ... OK (0.97 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppVector.R

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test.RcppVector.double: (1 checks) ... OK (0.97 seconds)
test.RcppVector.double.na.nan: (1 checks) ... OK (0.94 seconds)
test.RcppVector.int: (1 checks) ... OK (1 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RcppVectorView.R

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test.RcppVectorView.double: (1 checks) ... OK (0.93 seconds)
test.RcppVectorView.int: (1 checks) ... OK (0.93 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.RObject.R

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test.RObject.asDouble: (4 checks) ... OK (0.9 seconds)
test.RObject.asInt: (6 checks) ... OK (0.87 seconds)
test.RObject.asLogical: (16 checks) ... OK (0.86 seconds)
test.RObject.asRaw: (11 checks) ... OK (0.9 seconds)
test.RObject.asStdString: (6 checks) ... OK (0.87 seconds)
test.RObject.asStdVectorBool: (6 checks) ... OK (0.91 seconds)
test.RObject.asStdVectorDouble: (5 checks) ... OK (0.9 seconds)
test.RObject.asStdVectorInt: (5 checks) ... OK (0.91 seconds)
test.RObject.asStdVectorIntResultsSet: (4 checks) ... OK (0.97 seconds)
test.RObject.asStdVectorRaw: (5 checks) ... OK (0.91 seconds)
test.RObject.asStdVectorString: (6 checks) ... OK (0.91 seconds)
test.RObject.attr: (1 checks) ... OK (0.84 seconds)
test.RObject.attributeNames: (1 checks) ... OK (0.91 seconds)
test.RObject.attr.set: (1 checks) ... OK (0.9 seconds)
test.RObject.hasAttribute: (1 checks) ... OK (0.88 seconds)
test.RObject.isNull: (8 checks) ... OK (0.85 seconds)
test.RObject.stdsetdouble: (1 checks) ... OK (1.03 seconds)
test.RObject.stdsetint: (1 checks) ... OK (0.98 seconds)
test.RObject.stdsetraw: (1 checks) ... OK (0.99 seconds)
test.RObject.stdsetstring: (1 checks) ... OK (1.06 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.runit.R

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test.runit: (3 checks) ... OK (0 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.S4.R

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test.S4: (5 checks) ... OK (3.68 seconds)

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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.Symbol.R

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test.Symbol: (4 checks) ... OK (0.87 seconds)
test.Symbol.notcompatible: (6 checks) ... OK (0.84 seconds)
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Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.traits.R
test.has.iterator: (7 checks) ... OK (5.99 seconds)
-----
Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.wrap.R
test.wrap.map.string.bool: (1 checks) ... OK (1.23 seconds)
test.wrap.map.string.double: (1 checks) ... OK (1.22 seconds)
test.wrap.map.string.generic: (1 checks) ... OK (1.44 seconds)
test.wrap.map.string.int: (1 checks) ... OK (1.22 seconds)
test.wrap.map.string.Rbyte: (1 checks) ... OK (1.23 seconds)
test.wrap.map.string.string: (1 checks) ... OK (1.25 seconds)
test.wrap.multimap.string.bool: (1 checks) ... OK (1.2 seconds)
test.wrap.multimap.string.double: (1 checks) ... OK (1.18 seconds)
test.wrap.multimap.string.generic: (1 checks) ... OK (1.45 seconds)
test.wrap.multimap.string.int: (1 checks) ... OK (1.18 seconds)
test.wrap.multimap.string.Rbyte: (1 checks) ... OK (1.16 seconds)
test.wrap.multimap.string.string: (1 checks) ... OK (1.34 seconds)
test.wrap.unordered.map.string.bool: (3 checks) ... OK (1.2 seconds)
test.wrap.unordered.map.string.double: (3 checks) ... OK (1.21 seconds)
test.wrap.unordered.map.string.generic: (3 checks) ... OK (1.42 seconds)
test.wrap.unordered.map.string.int: (3 checks) ... OK (1.19 seconds)
test.wrap.unordered.map.string.Rbyte: (3 checks) ... OK (1.2 seconds)
test.wrap.unordered.map.string.string: (3 checks) ... OK (1.24 seconds)
-----
Test file: /tmp/Rinst543485804/Rcpp/unitTests/runit.XPtr.R
test.XPtr: (2 checks) ... OK (1.8 seconds)
test.XPtr.internal: (2 checks) ... OK (0 seconds)

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