Rcpp: Unit testing results

Dirk Eddelbuettel Romain François

Rcpp version 0.10.6.1 as of November 25, 2013

Test Execution

```
Executing test function test.DataFrame.AttributeProxy  ...  done successfully.

Executing test function test.DataFrame.CreateOne  ...  done successfully.

Executing test function test.DataFrame.CreateTwo  ...  done successfully.

Executing test function test.DataFrame.CreateTwo.stringsAsFactors  ...  done successfully.

Executing test function test.DataFrame.FromSEXP  ...  done successfully.

Executing test function test.DataFrame.SlotProxy  ...  done successfully.

Executing test function test.DataFrame.index.byName  ...  done successfully.

Executing test function test.DataFrame.index.byPosition  ...  done successfully.

Executing test function test.DataFrame.nrows  ...  done successfully.

Executing test function test.DataFrame.string.element  ...  done successfully.

Executing test function test.Date.components  ...  done successfully.
```

```
Executing test function test.Date.ctor.diffs  ...  done successfully.

Executing test function test.Date.ctor.int  ...  done successfully.

Executing test function test.Date.ctor.mdy  ...  done successfully.

Executing test function test.Date.ctor.notFinite  ...  done successfully.

Executing test function test.Date.ctor.sexp  ...  done successfully.

Executing test function test.Date.ctor.string  ...  done successfully.

Executing test function test.Date.ctor.ymd  ...  done successfully.

Executing test function test.Date.getFunctions  ...  done successfully.

Executing test function test.Date.operators  ...  done successfully.

Executing test function test.DateVector.operator.SEXP  ...  done successfully.

Executing test function test.DateVector.wrap  ...  done successfully.

Executing test function test.Datetime.ctor.diffs  ...  done successfully.

Executing test function test.Datetime.ctor.notFinite  ...  done successfully.

Executing test function test.Datetime.fromString  ...  done successfully.
```

```
Executing test function test.Datetime.get.functions  ...  done successfully.

Executing test function test.Datetime.operators  ...  done successfully.

Executing test function test.Datetime.wrap  ...  done successfully.

Executing test function test.DatetimeVector.ctor  ...  done successfully.

Executing test function test.vector.Date  ...  done successfully.

Executing test function test.Function  ...  done successfully.

Executing test function test.Function.binary.call  ...  done successfully.

Executing test function test.Function.env  ...  done successfully.

Executing test function test.Function.namespace.env  ...  done successfully.

Executing test function test.Function.unary.call  ...  done successfully.

Executing test function test.Function.variadic  ...  done successfully.

Executing test function test.Formula  ...  done successfully.

Executing test function test.Formula.SEXP  ...  done successfully.
```

```
Executing test function test.Language  ...  done successfully.

Executing test function test.Language.binary.call  ...  done successfully.

Executing test function test.Language.fixed.call  ...  done successfully.

Executing test function test.Language.function  ...  done successfully.

Executing test function test.Language.in.env  ...  done successfully.

Executing test function test.Language.inputoperator  ...  done successfully.

Executing test function test.Language.push.back  ...  done successfully.

Executing test function test.Language.square  ...  done successfully.

Executing test function test.Language.unary.call  ...  done successfully.

Executing test function test.Language.unary.call.index  ...  done successfully.

Executing test function test.Language.variadic  ...  done successfully.

Executing test function test.Pairlist  ...  done successfully.

Executing test function test.Pairlist.insert  ...  done successfully.

Executing test function test.Pairlist.push.back  ...  done successfully.
```

```
Executing test function test.Pairlist.push.front  ...  done successfully.

Executing test function test.Pairlist.remove  ...  done successfully.

Executing test function test.Pairlist.replace  ...  done successfully.

Executing test function test.Pairlist.size  ...  done successfully.

Executing test function test.Pairlist.square  ...  done successfully.

Executing test function test.Pairlist.variadic  ...  done successfully.

Executing test function test.CharacterMatrix  ...  done successfully.

Executing test function test.CharacterMatrix.column  ...  done successfully.

Executing test function test.CharacterMatrix.diag  ...  done successfully.

Executing test function test.CharacterMatrix.row  ...  done successfully.

Executing test function test.GenericMatrix  ...  done successfully.

Executing test function test.IntegerMatrix.diag  ...  done successfully.

Executing test function test.IntegerVector.matrix.indexing  ...  done successfully.

Executing test function test.List.column  ...  done successfully.
```

```
Executing test function test.List.row  ...  done successfully.

Executing test function test.NumericMatrix  ...  done successfully.

Executing test function test.NumericMatrix.Ctors  ...  done successfully.

Executing test function test.NumericMatrix.SubMatrix  ...  done successfully.

Executing test function test.NumericMatrix.colsum  ...  done successfully.

Executing test function test.NumericMatrix.column  ...  done successfully.

Executing test function test.NumericMatrix.cumsum  ...  done successfully.

Executing test function test.NumericMatrix.row  ...  done successfully.

Executing test function test.NumericMatrix.rowsum  ...  done successfully.

Executing test function test.Module  ...  done successfully.

Executing test function test.Module.Constructor  ...  done successfully.

Executing test function test.Module.exposed.class  ...  done successfully.

Executing test function test.Module.flexible.semantics  ...  done successfully.

Executing test function test.Module.member  ...  done successfully.
```

```
Executing test function test.Module.property  ...  done successfully.

Executing test function test.Class.package  ...  done successfully.

Executing test function test.RObject.asDouble  ...  done successfully.

Executing test function test.RObject.asInt  ...  done successfully.

Executing test function test.RObject.asLogical  ...  done successfully.

Executing test function test.RObject.asRaw  ...  done successfully.

Executing test function test.RObject.asStdString  ...  done successfully.

Executing test function test.RObject.asStdVectorBool  ...  done successfully.

Executing test function test.RObject.asStdVectorDouble  ...  done successfully.

Executing test function test.RObject.asStdVectorInt  ...  done successfully.

Executing test function test.RObject.asStdVectorRaw  ...  done successfully.

Executing test function test.RObject.asStdVectorString  ...  done successfully.

Executing test function test.RObject.attr  ...  done successfully.
```

```
Executing test function test.RObject.attr.set  ...  done successfully.

Executing test function test.RObject.attributeNames  ...  done successfully.

Executing test function test.RObject.hasAttribute  ...  done successfully.

Executing test function test.RObject.inherits  ...  done successfully.

Executing test function test.RObject.isNULL  ...  done successfully.

Executing test function test.RObject.stdsetdouble  ...  done successfully.

Executing test function test.RObject.stdsetint  ...  done successfully.

Executing test function test.RObject.stdsetraw  ...  done successfully.

Executing test function test.RObject.stdsetstring  ...  done successfully.

Executing test function test.Reference  ...  done successfully.

Executing test function test.RObject.S4methods  ...  done successfully.

Executing test function test.S4  ...  done successfully.

Executing test function test.S4.dotdataslot  ...  done successfully.

Executing test function test.S4.is  ...  done successfully.
```

```
Executing test function test.Vector.AttributeProxy.ambiguity  ...  done successfully.

Executing test function test.Vector.SlotProxy.ambiguity  ...  done successfully.

Executing test function test.String.sapply  ...  done successfully.

Executing test function test.compare.Strings  ...  done successfully.

Executing test function test.replace_all  ...  done successfully.

Executing test function test.replace_first  ...  done successfully.

Executing test function test.replace_last  ...  done successfully.

Executing test function test.CharacterVector  ...  done successfully.

Executing test function test.CharacterVector.Dimension.constructor  ...  done successfully.

Executing test function test.CharacterVector.STRSXP  ...  done successfully.

Executing test function test.CharacterVector.assign  ...  done successfully.

Executing test function test.CharacterVector.comma  ...  done successfully.

Executing test function test.CharacterVector.create  ...  done successfully.

Executing test function test.CharacterVector.equality.operator  ...  done successfully.
```

```
Executing test function test.CharacterVector.find  ...  done successfully.

Executing test function test.CharacterVector.iterator  ...  done successfully.

Executing test function test.CharacterVector.listOf  ...  done successfully.

Executing test function test.CharacterVector.matrix.indexing  ...  done successfully.

Executing test function test.CharacterVector.matrix.row.iteration  ...  done successfully.

Executing test function test.CharacterVector.names.indexing  ...  done successfully.

Executing test function test.CharacterVector.plusequals  ...  done successfully.

Executing test function test.CharacterVector.range.constructors  ...  done successfully.

Executing test function test.CharacterVector.reverse  ...  done successfully.

Executing test function test.ComplexVector  ...  done successfully.

Executing test function test.ComplexVector.CPLXSXP  ...  done successfully.

Executing test function test.ComplexVector.INTSXP  ...  done successfully.

Executing test function test.ComplexVector.REALSXP  ...  done successfully.

Executing test function test.ComplexVector.binary.operators  ...  done successfully.
```

```
Executing test function test.ExpressionVector  ...  done successfully.

Executing test function test.ExpressionVector.eval  ...  done successfully.

Executing test function test.ExpressionVector.eval.env  ...  done successfully.

Executing test function test.ExpressionVector.parse  ...  done successfully.

Executing test function test.ExpressionVector.parse.error  ...  done successfully.

Executing test function test.ExpressionVector.variadic  ...  done successfully.

Executing test function test.IntegerVector  ...  done successfully.

Executing test function test.IntegerVector.Dimension.constructor  ...  done successfully.

Executing test function test.IntegerVector.INTSXP_  ...  done successfully.

Executing test function test.IntegerVector.clone  ...  done successfully.

Executing test function test.IntegerVector.comma  ...  done successfully.

Executing test function test.IntegerVector.create  ...  done successfully.

Executing test function test.IntegerVector.create.zero  ...  done successfully.
```

```
Executing test function test.IntegerVector.erase  ...  done successfully.

Executing test function test.IntegerVector.erase.range  ...  done successfully.

Executing test function test.IntegerVector.erase.range.2  ...  done successfully.

Executing test function test.IntegerVector.erase2  ...  done successfully.

Executing test function test.IntegerVector.fill  ...  done successfully.

Executing test function test.IntegerVector.insert  ...  done successfully.

Executing test function test.IntegerVector.names.get  ...  done successfully.

Executing test function test.IntegerVector.names.indexing  ...  done successfully.

Executing test function test.IntegerVector.names.set  ...  done successfully.

Executing test function test.IntegerVector.push.back  ...  done successfully.

Executing test function test.IntegerVector.push.front  ...  done successfully.

Executing test function test.IntegerVector.range.constructors  ...  done successfully.

Executing test function test.IntegerVector.zero  ...  done successfully.

Executing test function test.IntegerVector_int_init  ...  done successfully.
```

```
Executing test function test.List  ...  done successfully.

Executing test function test.List.Dimension.constructor  ...  done successfully.

Executing test function test.List.VECSXP  ...  done successfully.

Executing test function test.List.create  ...  done successfully.

Executing test function test.List.erase  ...  done successfully.

Executing test function test.List.erase.range  ...  done successfully.

Executing test function test.List.implicit.push.back  ...  done successfully.

Executing test function test.List.iterator  ...  done successfully.

Executing test function test.List.matrix.indexing  ...  done successfully.

Executing test function test.List.name.indexing  ...  done successfully.

Executing test function test.List.push.back  ...  done successfully.

Executing test function test.List.push.front  ...  done successfully.

Executing test function test.List.rep.ctor  ...  done successfully.

Executing test function test.List.stdcomplex  ...  done successfully.
```

```
Executing test function test.List.template  ...  done successfully.

Executing test function test.NumericVector  ...  done successfully.

Executing test function test.NumericVector.REALSXP  ...  done successfully.

Executing test function test.NumericVector.import  ...  done successfully.

Executing test function test.NumericVector.import.transform  ...  done successfully.

Executing test function test.RawVector  ...  done successfully.

Executing test function test.RawVector.REALSXP  ...  done successfully.

Executing test function test.containsElementNamed  ...  done successfully.

Executing test function test.factors  ...  done successfully.

Executing test function test.std.vector.double  ...  done successfully.

Executing test function test.std.vector.double.const  ...  done successfully.

Executing test function test.std.vector.double.const.ref  ...  done successfully.

Executing test function test.std.vector.double.ref  ...  done successfully.

Executing test function test.std.vector.int  ...  done successfully.
```

```
Executing test function test.std.vector.int.const  ...  done successfully.

Executing test function test.std.vector.int.const.ref  ...  done successfully.

Executing test function test.std.vector.int.ref  ...  done successfully.

Executing test function test.XPtr  ...  done successfully.

Executing test function test.as.bool  ...  done successfully.

Executing test function test.as.deque.int  ...  done successfully.

Executing test function test.as.double  ...  done successfully.

Executing test function test.as.int  ...  done successfully.

Executing test function test.as.list.int  ...  done successfully.

Executing test function test.as.raw  ...  done successfully.

Executing test function test.as.string  ...  done successfully.

Executing test function test.as.vector.bool  ...  done successfully.

Executing test function test.as.vector.double  ...  done successfully.
```

```
Executing test function test.as.vector.int  ...  done successfully.

Executing test function test.as.vector.raw  ...  done successfully.

Executing test function test.as.vector.string  ...  done successfully.

Executing test function test.client.packageA  ...  done successfully.

Executing test function test.environment.NotAnEnvironment  ...  done successfully.

Executing test function test.environment.Rcpp  ...  done successfully.

Executing test function test.environment.assign  ...  done successfully.

Executing test function test.environment.base.env  ...  done successfully.

Executing test function test.environment.bindingIsActive  ...  done successfully.

Executing test function test.environment.bindingIsLocked  ...  done successfully.

Executing test function test.environment.child  ...  done successfully.

Executing test function test.environment.constructor.SEXP  ...  done successfully.

Executing test function test.environment.constructor.int  ...  done successfully.

Executing test function test.environment.constructor.stdstring  ...  done successfully.
```

```
Executing test function test.environment.empty.env  ...  done successfully.

Executing test function test.environment.exists  ...  done successfully.

Executing test function test.environment.get  ...  done successfully.

Executing test function test.environment.global.env  ...  done successfully.

Executing test function test.environment.isLocked  ...  done successfully.

Executing test function test.environment.lockBinding  ...  done successfully.

Executing test function test.environment.ls  ...  done successfully.

Executing test function test.environment.namespace.env  ...  done successfully.

Executing test function test.environment.parent  ...  done successfully.

Executing test function test.environment.remove  ...  done successfully.

Executing test function test.environment.square  ...  done successfully.

Executing test function test.environment.unlockBinding  ...  done successfully.

Executing test function test.AreMacrosDefined  ...  done successfully.

Executing test function test.Argument  ...  done successfully.
```

```
Executing test function test.Dimension.const  ...  done successfully.

Executing test function test.Symbol  ...  done successfully.

Executing test function test.Symbol.notcompatible  ...  done successfully.

Executing test function test.evaluator.error  ...  done successfully.

Executing test function test.evaluator.ok  ...  done successfully.

Executing test function test.exceptions  ...  done successfully.

Executing test function test.has.iterator  ...  done successfully.

Executing test function test.rcout  ...  done successfully.

Executing test function test.modRef  ...  done successfully.

Executing test function test.rmath.beta  ...  done successfully.

Executing test function test.rmath.binom  ...  done successfully.

Executing test function test.rmath.cauchy  ...  done successfully.

Executing test function test.rmath.chisq  ...  done successfully.

Executing test function test.rmath.exp  ...  done successfully.
```

```
Executing test function test.rmath.f  ...  done successfully.

Executing test function test.rmath.gamma  ...  done successfully.

Executing test function test.rmath.geom  ...  done successfully.

Executing test function test.rmath.hyper  ...  done successfully.

Executing test function test.rmath.lnorm  ...  done successfully.

Executing test function test.rmath.logis  ...  done successfully.

Executing test function test.rmath.nbeta  ...  done successfully.

Executing test function test.rmath.nbinom  ...  done successfully.

Executing test function test.rmath.nchisq  ...  done successfully.

Executing test function test.rmath.nf  ...  done successfully.

Executing test function test.rmath.norm  ...  done successfully.

Executing test function test.rmath.nt  ...  done successfully.

Executing test function test.rmath.pois  ...  done successfully.
```

```
Executing test function test.rmath.t  ...  done successfully.

Executing test function test.rmath.unif  ...  done successfully.

Executing test function test.rmath.weibull  ...  done successfully.

Executing test function test.rmath.wilcox  ...  done successfully.

Executing test function test.stats.dbeta  ...  done successfully.

Executing test function test.stats.dbinom  ...  done successfully.

Executing test function test.stats.dgamma  ...  done successfully.

Executing test function test.stats.dnorm  ...  done successfully.

Executing test function test.stats.dpois  ...  done successfully.

Executing test function test.stats.dt  ...  done successfully.

Executing test function test.stats.dunif  ...  done successfully.

Executing test function test.stats.pbeta  ...  done successfully.

Executing test function test.stats.pbinom  ...  done successfully.

Executing test function test.stats.pcauchy  ...  done successfully.
```

```
Executing test function test.stats.pchisq  ...  done successfully.

Executing test function test.stats.pf  ...  done successfully.

Executing test function test.stats.pgamma  ...  done successfully.

Executing test function test.stats.pnchisq  ...  done successfully.

Executing test function test.stats.pnf  ...  done successfully.

Executing test function test.stats.pnorm  ...  done successfully.

Executing test function test.stats.pnt  ...  done successfully.

Executing test function test.stats.ppois  ...  done successfully.

Executing test function test.stats.pt  ...  done successfully.

Executing test function test.stats.punif  ...  done successfully.

Executing test function test.stats.qbinom  ...  done successfully.

Executing test function test.stats.qnorm  ...  done successfully.

Executing test function test.stats.qpois.prob  ...  done successfully.

Executing test function test.stats.qt  ...  done successfully.
```

```
Executing test function test.stats.qunif  ...  done successfully.

Executing test function test.RangeIndexer  ...  done successfully.

Executing test function test.clamp  ...  done successfully.

Executing test function test.duplicated  ...  done successfully.

Executing test function test.intersect  ...  done successfully.

Executing test function test.self_match  ...  done successfully.

Executing test function test.setdiff  ...  done successfully.

Executing test function test.sugar.Range  ...  done successfully.

Executing test function test.sugar.abs  ...  done successfully.

Executing test function test.sugar.all.equal  ...  done successfully.

Executing test function test.sugar.all.greater  ...  done successfully.

Executing test function test.sugar.all.greater.or.equal  ...  done successfully.

Executing test function test.sugar.all.less  ...  done successfully.

Executing test function test.sugar.all.less.or.equal  ...  done successfully.
```

```
Executing test function test.sugar.all.not.equal  ...  done successfully.

Executing test function test.sugar.all.one.equal  ...  done successfully.

Executing test function test.sugar.all.one.greater  ...  done successfully.

Executing test function test.sugar.all.one.greater.or.equal  ...  done successfully.

Executing test function test.sugar.all.one.less  ...  done successfully.

Executing test function test.sugar.all.one.less.or.equal  ...  done successfully.

Executing test function test.sugar.all.one.not.equal  ...  done successfully.

Executing test function test.sugar.any.equal  ...  done successfully.

Executing test function test.sugar.any.equal.not  ...  done successfully.

Executing test function test.sugar.any.greater  ...  done successfully.

Executing test function test.sugar.any.greater.or.equal  ...  done successfully.

Executing test function test.sugar.any.isna  ...  done successfully.

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

```
Executing test function test.sugar.any.less.or.equal  ...  done successfully.

Executing test function test.sugar.any.not.equal  ...  done successfully.

Executing test function test.sugar.assignment  ...  done successfully.

Executing test function test.sugar.asvector  ...  done successfully.

Executing test function test.sugar.beta  ...  done successfully.

Executing test function test.sugar.ceil  ...  done successfully.

Executing test function test.sugar.choose  ...  done successfully.

Executing test function test.sugar.complex  ...  done successfully.

Executing test function test.sugar.constructor  ...  done successfully.

Executing test function test.sugar.cumsum  ...  done successfully.

Executing test function test.sugar.diag  ...  done successfully.

Executing test function test.sugar.diff  ...  done successfully.

Executing test function test.sugar.divides  ...  done successfully.

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

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

Executing test function test.sugar.gamma  ...  done successfully.

Executing test function test.sugar.head  ...  done successfully.

Executing test function test.sugar.ifelse  ...  done successfully.

Executing test function test.sugar.isfinite  ...  done successfully.

Executing test function test.sugar.isinfinite  ...  done successfully.

Executing test function test.sugar.isna  ...  done successfully.

Executing test function test.sugar.isna.isna  ...  done successfully.

Executing test function test.sugar.isnan  ...  done successfully.

Executing test function test.sugar.lapply  ...  done successfully.

Executing test function test.sugar.lbeta  ...  done successfully.

Executing test function test.sugar.lchoose  ...  done successfully.

Executing test function test.sugar.log1p  ...  done successfully.

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

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

Executing test function test.sugar.minus  ...  done successfully.

Executing test function test.sugar.plus  ...  done successfully.

Executing test function test.sugar.plus.all  ...  done successfully.

Executing test function test.sugar.plus.seqlen  ...  done successfully.

Executing test function test.sugar.pmax  ...  done successfully.

Executing test function test.sugar.pmax.one  ...  done successfully.

Executing test function test.sugar.pmin  ...  done successfully.

Executing test function test.sugar.pmin.one  ...  done successfully.

Executing test function test.sugar.pow  ...  done successfully.

Executing test function test.sugar.psigamma  ...  done successfully.

Executing test function test.sugar.rep  ...  done successfully.

Executing test function test.sugar.rev  ...  done successfully.

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

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

Executing test function test.sugar.sapply.list  ...  done successfully.

Executing test function test.sugar.sapply.rawfun  ...  done successfully.

Executing test function test.sugar.sapply.square  ...  done successfully.

Executing test function test.sugar.seqlaong  ...  done successfully.

Executing test function test.sugar.seqlen  ...  done successfully.

Executing test function test.sugar.sign  ...  done successfully.

Executing test function test.sugar.signif  ...  done successfully.

Executing test function test.sugar.sum  ...  done successfully.

Executing test function test.sugar.tail  ...  done successfully.

Executing test function test.sugar.times  ...  done successfully.

Executing test function test.sugar.trunc  ...  done successfully.

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

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

Executing test function test.table  ...  done successfully.

Executing test function test.union  ...  done successfully.

Executing test function test.vector.scalar.logical  ...  done successfully.

Executing test function test.vector.scalar.ops  ...  done successfully.

Executing test function test.vector.vector.logical  ...  done successfully.

Executing test function test.vector.vector.ops  ...  done successfully.

Executing test function test.divides.REALSXP  ...  done successfully.

Executing test function test.functions.REALSXP  ...  done successfully.

Executing test function test.minus.REALSXP  ...  done successfully.

Executing test function test.plus.REALSXP  ...  done successfully.

Executing test function test.times.REALSXP  ...  done successfully.

Executing test function test.nonnull.const.char  ...  done successfully.

Executing test function test.null.const.char  ...  done successfully.
```

```
Executing test function test.wrap.map.double.double  ...  done successfully.

Executing test function test.wrap.map.int.Foo  ...  done successfully.

Executing test function test.wrap.map.int.double  ...  done successfully.

Executing test function test.wrap.map.int.vector_double  ...  done successfully.

Executing test function test.wrap.map.string.Rbyte  ...  done successfully.

Executing test function test.wrap.map.string.bool  ...  done successfully.

Executing test function test.wrap.map.string.double  ...  done successfully.

Executing test function test.wrap.map.string.generic  ...  done successfully.

Executing test function test.wrap.map.string.int  ...  done successfully.

Executing test function test.wrap.map.string.string  ...  done successfully.

Executing test function test.wrap.multimap.string.Rbyte  ...  done successfully.

Executing test function test.wrap.multimap.string.bool  ...  done successfully.

Executing test function test.wrap.multimap.string.double  ...  done successfully.

Executing test function test.wrap.multimap.string.generic  ...  done successfully.
```

```
Executing test function test.wrap.multimap.string.int  ...  done successfully.

Executing test function test.wrap.multimap.string.string  ...  done successfully.

Executing test function test.wrap.unordered.map.string.Rbyte  ...  done successfully.

Executing test function test.wrap.unordered.map.string.bool  ...  done successfully.

Executing test function test.wrap.unordered.map.string.double  ...  done successfully.

Executing test function test.wrap.unordered.map.string.generic  ...  done successfully.

Executing test function test.wrap.unordered.map.string.int  ...  done successfully.

Executing test function test.wrap.unordered.map.string.string  ...  done successfully.

Executing test function test.wrap.vector.Foo  ...  done successfully.

Executing test function test.CharacterVector_wstring  ...  done successfully.

Executing test function test.wrap_vector_wstring  ...  done successfully.

Executing test function test.wstring_param  ...  done successfully.

Executing test function test.wstring_return  ...  done successfully.
```

Test Results

```
RUNIT TEST PROTOCOL -- Mon Nov 25 12:25:30 2013
*********************************************
Number of test functions: 409
Number of errors: 0
Number of failures: 0


1 Test Suite :
Rcpp unit testing - 409 test functions, 0 errors, 0 failures



Details
**************************
Test Suite: Rcpp unit testing
Test function regexp: ^test.+
Test file regexp: ^runit.+\.[rR]$
Involved directory:
/tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.DataFrame.R
test.DataFrame.AttributeProxy: (2 checks) ... OK (0.03 seconds)
test.DataFrame.CreateOne: (1 checks) ... OK (0 seconds)
test.DataFrame.CreateTwo: (1 checks) ... OK (0 seconds)
test.DataFrame.CreateTwo.stringsAsFactors: (1 checks) ... OK (0 seconds)
test.DataFrame.FromSEXP: (1 checks) ... OK (0 seconds)
test.DataFrame.SlotProxy: (2 checks) ... OK (0.01 seconds)
test.DataFrame.index.byName: (2 checks) ... OK (0 seconds)
test.DataFrame.index.byPosition: (2 checks) ... OK (0 seconds)
test.DataFrame.nrows: (1 checks) ... OK (0 seconds)
test.DataFrame.string.element: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Date.R
test.Date.components: (1 checks) ... OK (0 seconds)
test.Date.ctor.diffs: (3 checks) ... OK (0 seconds)
test.Date.ctor.int: (3 checks) ... OK (0 seconds)
test.Date.ctor.mdy: (1 checks) ... OK (0 seconds)
test.Date.ctor.notFinite: (3 checks) ... OK (0 seconds)
test.Date.ctor.sexp: (5 checks) ... OK (0 seconds)
test.Date.ctor.string: (2 checks) ... OK (0 seconds)
test.Date.ctor.ymd: (1 checks) ... OK (0 seconds)
test.Date.getFunctions: (3 checks) ... OK (0 seconds)
test.Date.operators: (1 checks) ... OK (0 seconds)
test.DateVector.operator.SEXP: (1 checks) ... OK (0 seconds)
test.DateVector.wrap: (1 checks) ... OK (0 seconds)
test.Datetime.ctor.diffs: (3 checks) ... OK (0 seconds)
test.Datetime.ctor.notFinite: (3 checks) ... OK (0 seconds)
test.Datetime.fromString: (1 checks) ... OK (0.03 seconds)
test.Datetime.get.functions: (1 checks) ... OK (0 seconds)
test.Datetime.operators: (1 checks) ... OK (0 seconds)
test.Datetime.wrap: (1 checks) ... OK (0 seconds)
test.DatetimeVector.ctor: (2 checks) ... OK (0 seconds)
test.vector.Date: (1 checks) ... OK (0 seconds)
```

```
---------------------------
 Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Function.R
 test.Function: (7 checks) ... OK (0 seconds)
 test.Function.binary.call: (1 checks) ... OK (0 seconds)
 test.Function.env: (3 checks) ... OK (0 seconds)
 test.Function.namespace.env: (1 checks) ... OK (0 seconds)
 test.Function.unary.call: (1 checks) ... OK (0 seconds)
 test.Function.variadic: (2 checks) ... OK (0 seconds)
---------------------------
 Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Language.R
 test.Formula: (1 checks) ... OK (0 seconds)
 test.Formula.SEXP: (5 checks) ... OK (0 seconds)
 test.Language: (7 checks) ... OK (0 seconds)
 test.Language.binary.call: (1 checks) ... OK (0 seconds)
 test.Language.fixed.call: (1 checks) ... OK (0 seconds)
 test.Language.function: (1 checks) ... OK (0 seconds)
 test.Language.in.env: (1 checks) ... OK (0 seconds)
 test.Language.inputoperator: (1 checks) ... OK (0 seconds)
 test.Language.push.back: (1 checks) ... OK (0 seconds)
 test.Language.square: (2 checks) ... OK (0 seconds)
 test.Language.unary.call: (1 checks) ... OK (0 seconds)
 test.Language.unary.call.index: (1 checks) ... OK (0 seconds)
 test.Language.variadic: (2 checks) ... OK (0 seconds)
 test.Pairlist: (8 checks) ... OK (0 seconds)
 test.Pairlist.insert: (1 checks) ... OK (0 seconds)
 test.Pairlist.push.back: (1 checks) ... OK (0 seconds)
 test.Pairlist.push.front: (1 checks) ... OK (0 seconds)
 test.Pairlist.remove: (3 checks) ... OK (0 seconds)
 test.Pairlist.replace: (1 checks) ... OK (0 seconds)
 test.Pairlist.size: (1 checks) ... OK (0 seconds)
 test.Pairlist.square: (2 checks) ... OK (0 seconds)
 test.Pairlist.variadic: (2 checks) ... OK (0 seconds)
---------------------------
 Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Matrix.R
 test.CharacterMatrix: (1 checks) ... OK (0 seconds)
 test.CharacterMatrix.column: (1 checks) ... OK (0 seconds)
 test.CharacterMatrix.diag: (1 checks) ... OK (0 seconds)
 test.CharacterMatrix.row: (1 checks) ... OK (0 seconds)
 test.GenericMatrix: (1 checks) ... OK (0 seconds)
 test.IntegerMatrix.diag: (1 checks) ... OK (0 seconds)
 test.IntegerVector.matrix.indexing: (3 checks) ... OK (0 seconds)
 test.List.column: (1 checks) ... OK (0 seconds)
 test.List.row: (1 checks) ... OK (0 seconds)
 test.NumericMatrix: (2 checks) ... OK (0 seconds)
 test.NumericMatrix.Ctors: (2 checks) ... OK (0 seconds)
 test.NumericMatrix.SubMatrix: (1 checks) ... OK (0 seconds)
 test.NumericMatrix.colsum: (1 checks) ... OK (0 seconds)
 test.NumericMatrix.column: (1 checks) ... OK (0 seconds)
 test.NumericMatrix.cumsum: (1 checks) ... OK (0 seconds)
 test.NumericMatrix.row: (1 checks) ... OK (0 seconds)
 test.NumericMatrix.rowsum: (1 checks) ... OK (0 seconds)
---------------------------
 Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Module.R
 test.Module: (8 checks) ... OK (0 seconds)
 test.Module.Constructor: (1 checks) ... OK (0 seconds)
```

```
test.Module.exposed.class: (8 checks) ... OK (0 seconds)
test.Module.flexible.semantics: (3 checks) ... OK (0 seconds)
test.Module.member: (4 checks) ... OK (0 seconds)
test.Module.property: (4 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Module.client.package.R
test.Class.package: (3 checks) ... OK (32.77 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.RObject.R
test.RObject.asDouble: (5 checks) ... OK (0 seconds)
test.RObject.asInt: (6 checks) ... OK (0 seconds)
test.RObject.asLogical: (16 checks) ... OK (0 seconds)
test.RObject.asRaw: (11 checks) ... OK (0 seconds)
test.RObject.asStdString: (6 checks) ... OK (0 seconds)
test.RObject.asStdVectorBool: (6 checks) ... OK (0 seconds)
test.RObject.asStdVectorDouble: (5 checks) ... OK (0 seconds)
test.RObject.asStdVectorInt: (5 checks) ... OK (0 seconds)
test.RObject.asStdVectorRaw: (5 checks) ... OK (0 seconds)
test.RObject.asStdVectorString: (6 checks) ... OK (0.01 seconds)
test.RObject.attr: (1 checks) ... OK (0.03 seconds)
test.RObject.attr.set: (1 checks) ... OK (0 seconds)
test.RObject.attributeNames: (1 checks) ... OK (0 seconds)
test.RObject.hasAttribute: (1 checks) ... OK (0 seconds)
test.RObject.inherits: (3 checks) ... OK (0 seconds)
test.RObject.isNULL: (8 checks) ... OK (0 seconds)
test.RObject.stdsetdouble: (1 checks) ... OK (0 seconds)
test.RObject.stdsetint: (1 checks) ... OK (0 seconds)
test.RObject.stdsetraw: (1 checks) ... OK (0 seconds)
test.RObject.stdsetstring: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Reference.R
test.Reference: (1 checks) ... OK (0.05 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.S4.R
test.RObject.S4methods: (5 checks) ... OK (0.01 seconds)
test.S4: (7 checks) ... OK (0.01 seconds)
test.S4.dotdataslot: (1 checks) ... OK (0.02 seconds)
test.S4.is: (4 checks) ... OK (0.02 seconds)
test.Vector.AttributeProxy.ambiguity: (1 checks) ... OK (0 seconds)
test.Vector.SlotProxy.ambiguity: (1 checks) ... OK (0.01 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.String.R
test.String.sapply: (1 checks) ... OK (0 seconds)
test.compare.Strings: (1 checks) ... OK (0 seconds)
test.replace_all: (1 checks) ... OK (0 seconds)
test.replace_first: (1 checks) ... OK (0 seconds)
test.replace_last: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.Vector.R
test.CharacterVector: (1 checks) ... OK (0 seconds)
test.CharacterVector.Dimension.constructor: (3 checks) ... OK (0 seconds)
test.CharacterVector.STRSXP: (1 checks) ... OK (0 seconds)
test.CharacterVector.assign: (2 checks) ... OK (0 seconds)
test.CharacterVector.comma: (1 checks) ... OK (0 seconds)
test.CharacterVector.create: (1 checks) ... OK (0 seconds)
```

```
test.CharacterVector.equality.operator: (1 checks) ... OK (0 seconds)
test.CharacterVector.find: (1 checks) ... OK (0 seconds)
test.CharacterVector.iterator: (2 checks) ... OK (0 seconds)
test.CharacterVector.listOf: (1 checks) ... OK (0 seconds)
test.CharacterVector.matrix.indexing: (3 checks) ... OK (0 seconds)
test.CharacterVector.matrix.row.iteration: (2 checks) ... OK (0 seconds)
test.CharacterVector.names.indexing: (1 checks) ... OK (0 seconds)
test.CharacterVector.plusequals: (1 checks) ... OK (0 seconds)
test.CharacterVector.range.constructors: (2 checks) ... OK (0 seconds)
test.CharacterVector.reverse: (2 checks) ... OK (0 seconds)
test.ComplexVector: (1 checks) ... OK (0 seconds)
test.ComplexVector.CPLXSXP: (1 checks) ... OK (0 seconds)
test.ComplexVector.INTSXP: (1 checks) ... OK (0 seconds)
test.ComplexVector.REALSXP: (1 checks) ... OK (0 seconds)
test.ComplexVector.binary.operators: (2 checks) ... OK (0 seconds)
test.ExpressionVector: (1 checks) ... OK (0 seconds)
test.ExpressionVector.eval: (1 checks) ... OK (0 seconds)
test.ExpressionVector.eval.env: (1 checks) ... OK (0 seconds)
test.ExpressionVector.parse: (1 checks) ... OK (0 seconds)
test.ExpressionVector.parse.error: (1 checks) ... OK (0 seconds)
test.ExpressionVector.variadic: (1 checks) ... OK (0 seconds)
test.IntegerVector: (1 checks) ... OK (0 seconds)
test.IntegerVector.Dimension.constructor: (3 checks) ... OK (0 seconds)
test.IntegerVector.INTSXP_: (1 checks) ... OK (0 seconds)
test.IntegerVector.clone: (2 checks) ... OK (0 seconds)
test.IntegerVector.comma: (1 checks) ... OK (0 seconds)
test.IntegerVector.create: (1 checks) ... OK (0 seconds)
test.IntegerVector.create.zero: (1 checks) ... OK (0 seconds)
test.IntegerVector.erase: (2 checks) ... OK (0 seconds)
test.IntegerVector.erase.range: (2 checks) ... OK (0 seconds)
test.IntegerVector.erase.range.2: (2 checks) ... OK (0 seconds)
test.IntegerVector.erase2: (2 checks) ... OK (0 seconds)
test.IntegerVector.fill: (1 checks) ... OK (0 seconds)
test.IntegerVector.insert: (2 checks) ... OK (0 seconds)
test.IntegerVector.names.get: (1 checks) ... OK (0 seconds)
test.IntegerVector.names.indexing: (1 checks) ... OK (0 seconds)
test.IntegerVector.names.set: (1 checks) ... OK (0 seconds)
test.IntegerVector.push.back: (2 checks) ... OK (0 seconds)
test.IntegerVector.push.front: (2 checks) ... OK (0 seconds)
test.IntegerVector.range.constructors: (2 checks) ... OK (0 seconds)
test.IntegerVector.zero: (1 checks) ... OK (0 seconds)
test.IntegerVector_int_init: (1 checks) ... OK (0 seconds)
test.List: (1 checks) ... OK (0 seconds)
test.List.Dimension.constructor: (3 checks) ... OK (0 seconds)
test.List.VECSXP: (1 checks) ... OK (0 seconds)
test.List.create: (1 checks) ... OK (0 seconds)
test.List.erase: (1 checks) ... OK (0 seconds)
test.List.erase.range: (1 checks) ... OK (0 seconds)
test.List.implicit.push.back: (1 checks) ... OK (0 seconds)
test.List.iterator: (1 checks) ... OK (0 seconds)
test.List.matrix.indexing: (3 checks) ... OK (0 seconds)
test.List.name.indexing: (1 checks) ... OK (0 seconds)
test.List.push.back: (1 checks) ... OK (0 seconds)
test.List.push.front: (1 checks) ... OK (0 seconds)
test.List.rep.ctor: (1 checks) ... OK (0 seconds)
```

```
test.List.stdcomplex: (1 checks) ... OK (0 seconds)
test.List.template: (1 checks) ... OK (0 seconds)
test.NumericVector: (1 checks) ... OK (0 seconds)
test.NumericVector.REALSXP: (1 checks) ... OK (0 seconds)
test.NumericVector.import: (1 checks) ... OK (0 seconds)
test.NumericVector.import.transform: (1 checks) ... OK (0 seconds)
test.RawVector: (1 checks) ... OK (0 seconds)
test.RawVector.REALSXP: (1 checks) ... OK (0 seconds)
test.containsElementNamed: (3 checks) ... OK (0 seconds)
test.factors: (1 checks) ... OK (0 seconds)
test.std.vector.double: (1 checks) ... OK (0 seconds)
test.std.vector.double.const: (1 checks) ... OK (0 seconds)
test.std.vector.double.const.ref: (1 checks) ... OK (0 seconds)
test.std.vector.double.ref: (1 checks) ... OK (0 seconds)
test.std.vector.int: (1 checks) ... OK (0 seconds)
test.std.vector.int.const: (1 checks) ... OK (0 seconds)
test.std.vector.int.const.ref: (1 checks) ... OK (0 seconds)
test.std.vector.int.ref: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.XPTr.R
test.XPtr: (2 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.as.R
test.as.bool: (4 checks) ... OK (0 seconds)
test.as.deque.int: (1 checks) ... OK (0 seconds)
test.as.double: (4 checks) ... OK (0 seconds)
test.as.int: (4 checks) ... OK (0 seconds)
test.as.list.int: (1 checks) ... OK (0 seconds)
test.as.raw: (4 checks) ... OK (0 seconds)
test.as.string: (1 checks) ... OK (0 seconds)
test.as.vector.bool: (4 checks) ... OK (0 seconds)
test.as.vector.double: (4 checks) ... OK (0 seconds)
test.as.vector.int: (4 checks) ... OK (0 seconds)
test.as.vector.raw: (4 checks) ... OK (0 seconds)
test.as.vector.string: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.client.package.R
test.client.packageA: (2 checks) ... OK (9.73 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.environments.R
test.environment.NotAnEnvironment: (3 checks) ... OK (0 seconds)
test.environment.Rcpp: (1 checks) ... OK (0 seconds)
test.environment.assign: (6 checks) ... OK (0 seconds)
test.environment.base.env: (1 checks) ... OK (0 seconds)
test.environment.bindingIsActive: (3 checks) ... OK (0 seconds)
test.environment.bindingIsLocked: (3 checks) ... OK (0 seconds)
test.environment.child: (1 checks) ... OK (0 seconds)
test.environment.constructor.SEXP: (7 checks) ... OK (0 seconds)
test.environment.constructor.int: (17 checks) ... OK (0 seconds)
test.environment.constructor.stdstring: (3 checks) ... OK (0 seconds)
test.environment.empty.env: (1 checks) ... OK (0 seconds)
test.environment.exists: (3 checks) ... OK (0 seconds)
test.environment.get: (3 checks) ... OK (0 seconds)
test.environment.global.env: (1 checks) ... OK (0 seconds)
test.environment.isLocked: (5 checks) ... OK (0 seconds)
```

```
test.environment.lockBinding: (2 checks) ... OK (0 seconds)
test.environment.ls: (4 checks) ... OK (0 seconds)
test.environment.namespace.env: (2 checks) ... OK (0 seconds)
test.environment.parent: (2 checks) ... OK (0 seconds)
test.environment.remove: (5 checks) ... OK (0 seconds)
test.environment.square: (1 checks) ... OK (0 seconds)
test.environment.unlockBinding: (2 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.misc.R
test.AreMacrosDefined: (1 checks) ... OK (5.07 seconds)
test.Argument: (1 checks) ... OK (0 seconds)
test.Dimension.const: (1 checks) ... OK (0 seconds)
test.Symbol: (4 checks) ... OK (0 seconds)
test.Symbol.notcompatible: (6 checks) ... OK (0 seconds)
test.evaluator.error: (1 checks) ... OK (0 seconds)
test.evaluator.ok: (1 checks) ... OK (0 seconds)
test.exceptions: (7 checks) ... OK (0 seconds)
test.has.iterator: (7 checks) ... OK (0 seconds)
test.rcout: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.modref.R
test.modRef: (4 checks) ... OK (0.01 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.rmath.R
test.rmath.beta: (3 checks) ... OK (0 seconds)
test.rmath.binom: (3 checks) ... OK (0 seconds)
test.rmath.cauchy: (3 checks) ... OK (0 seconds)
test.rmath.chisq: (3 checks) ... OK (0 seconds)
test.rmath.exp: (3 checks) ... OK (0 seconds)
test.rmath.f: (3 checks) ... OK (0 seconds)
test.rmath.gamma: (3 checks) ... OK (0 seconds)
test.rmath.geom: (3 checks) ... OK (0.02 seconds)
test.rmath.hyper: (3 checks) ... OK (0 seconds)
test.rmath.lnorm: (3 checks) ... OK (0 seconds)
test.rmath.logis: (3 checks) ... OK (0 seconds)
test.rmath.nbeta: (3 checks) ... OK (0 seconds)
test.rmath.nbinom: (3 checks) ... OK (0 seconds)
test.rmath.nchisq: (3 checks) ... OK (0.01 seconds)
test.rmath.nf: (3 checks) ... OK (0 seconds)
test.rmath.norm: (3 checks) ... OK (0 seconds)
test.rmath.nt: (3 checks) ... OK (0 seconds)
test.rmath.pois: (3 checks) ... OK (0 seconds)
test.rmath.t: (3 checks) ... OK (0 seconds)
test.rmath.unif: (3 checks) ... OK (0 seconds)
test.rmath.weibull: (3 checks) ... OK (0 seconds)
test.rmath.wilcox: (3 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.stats.R
test.stats.dbeta: (1 checks) ... OK (0 seconds)
test.stats.dbinom: (1 checks) ... OK (0 seconds)
test.stats.dgamma: (1 checks) ... OK (0 seconds)
test.stats.dnorm: (1 checks) ... OK (0 seconds)
test.stats.dpois: (1 checks) ... OK (0 seconds)
test.stats.dt: (1 checks) ... OK (0 seconds)
test.stats.dunif: (1 checks) ... OK (0 seconds)
```

```
test.stats.pbeta: (3 checks) ... OK (0 seconds)
test.stats.pbinom: (1 checks) ... OK (0 seconds)
test.stats.pcauchy: (1 checks) ... OK (0 seconds)
test.stats.pchisq: (1 checks) ... OK (0 seconds)
test.stats.pf: (1 checks) ... OK (0 seconds)
test.stats.pgamma: (1 checks) ... OK (0 seconds)
test.stats.pnchisq: (1 checks) ... OK (0 seconds)
test.stats.pnf: (1 checks) ... OK (0 seconds)
test.stats.pnorm: (4 checks) ... OK (0 seconds)
test.stats.pnt: (1 checks) ... OK (0 seconds)
test.stats.ppois: (1 checks) ... OK (0 seconds)
test.stats.pt: (1 checks) ... OK (0 seconds)
test.stats.punif: (1 checks) ... OK (0 seconds)
test.stats.qbinom: (1 checks) ... OK (0 seconds)
test.stats.qnorm: (4 checks) ... OK (0 seconds)
test.stats.qpois.prob: (1 checks) ... OK (0 seconds)
test.stats.qt: (4 checks) ... OK (0 seconds)
test.stats.qunif: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.sugar.R
test.RangeIndexer: (1 checks) ... OK (0 seconds)
test.clamp: (1 checks) ... OK (0 seconds)
test.duplicated: (1 checks) ... OK (0 seconds)
test.intersect: (1 checks) ... OK (0.02 seconds)
test.self_match: (1 checks) ... OK (0 seconds)
test.setdiff: (1 checks) ... OK (0 seconds)
test.sugar.Range: (1 checks) ... OK (0 seconds)
test.sugar.abs: (1 checks) ... OK (0 seconds)
test.sugar.all.equal: (5 checks) ... OK (0 seconds)
test.sugar.all.greater: (5 checks) ... OK (0 seconds)
test.sugar.all.greater.or.equal: (5 checks) ... OK (0 seconds)
test.sugar.all.less: (4 checks) ... OK (0 seconds)
test.sugar.all.less.or.equal: (5 checks) ... OK (0 seconds)
test.sugar.all.not.equal: (5 checks) ... OK (0 seconds)
test.sugar.all.one.equal: (5 checks) ... OK (0 seconds)
test.sugar.all.one.greater: (5 checks) ... OK (0 seconds)
test.sugar.all.one.greater.or.equal: (6 checks) ... OK (0 seconds)
test.sugar.all.one.less: (5 checks) ... OK (0 seconds)
test.sugar.all.one.less.or.equal: (6 checks) ... OK (0 seconds)
test.sugar.all.one.not.equal: (5 checks) ... OK (0 seconds)
test.sugar.any.equal: (5 checks) ... OK (0 seconds)
test.sugar.any.equal.not: (5 checks) ... OK (0 seconds)
test.sugar.any.greater: (4 checks) ... OK (0 seconds)
test.sugar.any.greater.or.equal: (5 checks) ... OK (0 seconds)
test.sugar.any.isna: (1 checks) ... OK (0 seconds)
test.sugar.any.less: (4 checks) ... OK (0 seconds)
test.sugar.any.less.or.equal: (5 checks) ... OK (0 seconds)
test.sugar.any.not.equal: (5 checks) ... OK (0 seconds)
test.sugar.assignment: (4 checks) ... OK (0 seconds)
test.sugar.asvector: (1 checks) ... OK (0 seconds)
test.sugar.beta: (1 checks) ... OK (0 seconds)
test.sugar.ceil: (1 checks) ... OK (0 seconds)
test.sugar.choose: (1 checks) ... OK (0 seconds)
test.sugar.complex: (1 checks) ... OK (0 seconds)
test.sugar.constructor: (4 checks) ... OK (0 seconds)
```

```
test.sugar.cumsum: (2 checks) ... OK (0 seconds)
test.sugar.diag: (1 checks) ... OK (0 seconds)
test.sugar.diff: (3 checks) ... OK (0 seconds)
test.sugar.divides: (1 checks) ... OK (0 seconds)
test.sugar.exp: (1 checks) ... OK (0 seconds)
test.sugar.floor: (1 checks) ... OK (0 seconds)
test.sugar.gamma: (1 checks) ... OK (0 seconds)
test.sugar.head: (1 checks) ... OK (0 seconds)
test.sugar.ifelse: (1 checks) ... OK (0 seconds)
test.sugar.isfinite: (1 checks) ... OK (0 seconds)
test.sugar.isinfinite: (1 checks) ... OK (0 seconds)
test.sugar.isna: (1 checks) ... OK (0 seconds)
test.sugar.isna.isna: (1 checks) ... OK (0 seconds)
test.sugar.isnan: (1 checks) ... OK (0 seconds)
test.sugar.lapply: (1 checks) ... OK (0 seconds)
test.sugar.lbeta: (1 checks) ... OK (0 seconds)
test.sugar.lchoose: (1 checks) ... OK (0 seconds)
test.sugar.log1p: (1 checks) ... OK (0 seconds)
test.sugar.matrix.outer: (1 checks) ... OK (0 seconds)
test.sugar.matrix.row: (1 checks) ... OK (0 seconds)
test.sugar.minus: (1 checks) ... OK (0 seconds)
test.sugar.plus: (1 checks) ... OK (0 seconds)
test.sugar.plus.all: (1 checks) ... OK (0 seconds)
test.sugar.plus.seqlen: (1 checks) ... OK (0 seconds)
test.sugar.pmax: (1 checks) ... OK (0 seconds)
test.sugar.pmax.one: (1 checks) ... OK (0 seconds)
test.sugar.pmin: (1 checks) ... OK (0 seconds)
test.sugar.pmin.one: (1 checks) ... OK (0 seconds)
test.sugar.pow: (1 checks) ... OK (0 seconds)
test.sugar.psigamma: (1 checks) ... OK (0 seconds)
test.sugar.rep: (1 checks) ... OK (0 seconds)
test.sugar.rev: (1 checks) ... OK (0 seconds)
test.sugar.round: (4 checks) ... OK (0 seconds)
test.sugar.sapply: (1 checks) ... OK (0 seconds)
test.sugar.sapply.list: (1 checks) ... OK (0 seconds)
test.sugar.sapply.rawfun: (1 checks) ... OK (0 seconds)
test.sugar.sapply.square: (1 checks) ... OK (0 seconds)
test.sugar.seqlaong: (1 checks) ... OK (0 seconds)
test.sugar.seqlen: (1 checks) ... OK (0 seconds)
test.sugar.sign: (1 checks) ... OK (0 seconds)
test.sugar.signif: (4 checks) ... OK (0 seconds)
test.sugar.sum: (2 checks) ... OK (0 seconds)
test.sugar.tail: (1 checks) ... OK (0 seconds)
test.sugar.times: (1 checks) ... OK (0 seconds)
test.sugar.trunc: (1 checks) ... OK (0 seconds)
test.sugar.unary.minus: (2 checks) ... OK (0 seconds)
test.sugar.wrap: (1 checks) ... OK (0 seconds)
test.table: (2 checks) ... OK (0 seconds)
test.union: (1 checks) ... OK (0 seconds)
test.vector.scalar.logical: (1 checks) ... OK (0 seconds)
test.vector.scalar.ops: (1 checks) ... OK (0 seconds)
test.vector.vector.logical: (1 checks) ... OK (0 seconds)
test.vector.vector.ops: (1 checks) ... OK (0 seconds)
---------------------------
Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.support.R
```

```
 test.divides.REALSXP: (1 checks) ... OK (0 seconds)
 test.functions.REALSXP: (1 checks) ... OK (0 seconds)
 test.minus.REALSXP: (1 checks) ... OK (0 seconds)
 test.plus.REALSXP: (1 checks) ... OK (0 seconds)
 test.times.REALSXP: (1 checks) ... OK (0 seconds)
---------------------------
 Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.wrap.R
 test.nonnull.const.char: (1 checks) ... OK (0 seconds)
 test.null.const.char: (1 checks) ... OK (0 seconds)
 test.wrap.map.double.double: (1 checks) ... OK (0 seconds)
 test.wrap.map.int.Foo: (1 checks) ... OK (0 seconds)
 test.wrap.map.int.double: (1 checks) ... OK (0 seconds)
 test.wrap.map.int.vector_double: (1 checks) ... OK (0 seconds)
 test.wrap.map.string.Rbyte: (1 checks) ... OK (0 seconds)
 test.wrap.map.string.bool: (1 checks) ... OK (0 seconds)
 test.wrap.map.string.double: (1 checks) ... OK (0 seconds)
 test.wrap.map.string.generic: (1 checks) ... OK (0 seconds)
 test.wrap.map.string.int: (1 checks) ... OK (0 seconds)
 test.wrap.map.string.string: (1 checks) ... OK (0 seconds)
 test.wrap.multimap.string.Rbyte: (1 checks) ... OK (0 seconds)
 test.wrap.multimap.string.bool: (1 checks) ... OK (0 seconds)
 test.wrap.multimap.string.double: (1 checks) ... OK (0 seconds)
 test.wrap.multimap.string.generic: (1 checks) ... OK (0 seconds)
 test.wrap.multimap.string.int: (1 checks) ... OK (0 seconds)
 test.wrap.multimap.string.string: (1 checks) ... OK (0 seconds)
 test.wrap.unordered.map.string.Rbyte: (3 checks) ... OK (0 seconds)
 test.wrap.unordered.map.string.bool: (3 checks) ... OK (0 seconds)
 test.wrap.unordered.map.string.double: (3 checks) ... OK (0 seconds)
 test.wrap.unordered.map.string.generic: (3 checks) ... OK (0 seconds)
 test.wrap.unordered.map.string.int: (3 checks) ... OK (0 seconds)
 test.wrap.unordered.map.string.string: (3 checks) ... OK (0 seconds)
 test.wrap.vector.Foo: (1 checks) ... OK (0 seconds)
---------------------------
 Test file: /tmp/RtmpYSsglc/Rinst537d68bd1bbf/Rcpp/unitTests/runit.wstring.R
 test.CharacterVector_wstring: (1 checks) ... OK (0 seconds)
 test.wrap_vector_wstring: (1 checks) ... OK (0 seconds)
 test.wstring_param: (1 checks) ... OK (0 seconds)
 test.wstring_return: (1 checks) ... OK (0 seconds)
```