

NMF: Unit testing results*

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NMF version 0.22 as of December 4, 2014

1 Details

RUNIT TEST PROTOCOL -- Thu Dec 4 14:44:17 2014

Number of test functions: 82
Number of deactivated test functions: 4
Number of errors: 0
Number of failures: 0

1 Test Suite :
package:NMF - 82 test functions, 0 errors, 0 failures

Details

Test Suite: package:NMF
Test function regexp: ^test.
Test file regexp: ^runit.*[rR]\$\br/>Involved directory:
/tmp/Rpkglib_21df4678e6e5/NMF/tests

Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.heatmap.R
test.mfrow: (1 checks) ... OK (0.49 seconds)

Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.algorithms.r
test.brunet: (16 checks) ... OK (3.6 seconds)
test.cversions.brunet: (1 checks) ... OK (0.89 seconds)
test.cversions.lee: (1 checks) ... OK (1.09 seconds)
test.cversions.lnmf : DEACTIVATED, Algorithm 'lnmf' is not fully working.
test.cversions.ns: (1 checks) ... OK (1.18 seconds)
test.cversions.offset: (1 checks) ... OK (2.01 seconds)
test.frobenius: (16 checks) ... OK (5.06 seconds)
test.KL: (16 checks) ... OK (4.41 seconds)
test.lee: (16 checks) ... OK (4.72 seconds)
test.lnmf : DEACTIVATED, Algorithm 'lnmf' is not fully working.
test.ns: (16 checks) ... OK (4.52 seconds)
test.offset: (16 checks) ... OK (5.07 seconds)
test.port_brunet: (9 checks) ... OK (12.86 seconds)

*Vignette computed on Thu Dec 4 14:44:18 2014

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test.snmf: (44 checks) ... OK (9.92 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.bioc.r
test.access: (26 checks) ... OK (0.03 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.distance.r
test.KL: (9 checks) ... OK (1.8 seconds)
test.rss: (4 checks) ... OK (0.17 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.interface.r
test.compare: (5 checks) ... OK (15.96 seconds)
test.nmf.callback: (22 checks) ... OK (24.52 seconds)
test.nmf.custom: (87 checks) ... OK (2.27 seconds)
test.nmf.default: (8 checks) ... OK (0.35 seconds)
test.nmf.dots: (11 checks) ... OK (1.06 seconds)
test.nmf.method: (36 checks) ... OK (18.33 seconds)
test.nmf.model: (22 checks) ... OK (0.98 seconds)
test.nmfModel.formula: (12 checks) ... OK (2.39 seconds)
test.nmf.multirank: (10 checks) ... OK (8.43 seconds)
test.nmf.options: (18 checks) ... OK (7.69 seconds)
test.nmf.parameters: (53 checks) ... OK (1.96 seconds)
test.nmf.seed.argument: (149 checks) ... OK (15.18 seconds)
test.nmf.seed.equivalent: (11 checks) ... OK (15.87 seconds)
test.nmf.seed.fault: (4 checks) ... OK (3.68 seconds)
test.nmf.seed.repro: (8 checks) ... OK (17.07 seconds)
test.nmf.stop: (6 checks) ... OK (2.33 seconds)
test.parallel: (6 checks) ... OK (16.13 seconds)
test.registry: (9 checks) ... OK (0.5 seconds)
test.seed: (33 checks) ... OK (0.29 seconds)
test.summary: (3 checks) ... OK (4.11 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.NMFclass.r
test.basis: (2 checks) ... OK (0.01 seconds)
test.class.NMFns: (65 checks) ... OK (0.07 seconds)
test.class.NMFstd: (28 checks) ... OK (0.02 seconds)
test.coef: (2 checks) ... OK (0.01 seconds)
test.connectivity: (3 checks) ... OK (0.02 seconds)
test.deviance: (9 checks) ... OK (0.04 seconds)
test.dimensions: (4 checks) ... OK (0 seconds)
test.dimnames: (173 checks) ... OK (0.17 seconds)
test.entropy: (5 checks) ... OK (0.01 seconds)
test.misc: (9 checks) ... OK (0.01 seconds)
test.nmfModel: (363 checks) ... OK (0.27 seconds)
test.NMF.rnmf: (93 checks) ... OK (1.84 seconds)
test.predict: (10 checks) ... OK (0.01 seconds)
test.purity: (5 checks) ... OK (0 seconds)
test.sparseness: (13 checks) ... OK (0.01 seconds)
test.subset: (50 checks) ... OK (0.07 seconds)
test.syntheticNMF: (5 checks) ... OK (1.53 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.NMFfit-class.r
test.deviance: (0 checks) ... OK (0 seconds)
test.isNMFfit: (6 checks) ... OK (3.44 seconds)
test.niter: (4 checks) ... OK (1.84 seconds)
test.nmf.equal: (304 checks) ... OK (4.48 seconds)

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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.NMFSet.r
test.fit: (9 checks) ... OK (4.69 seconds)
test.interface: (6 checks) ... OK (2.76 seconds)
test.join.multipleAndSingleRunsMethods: (2 checks) ... OK (5.55 seconds)
test.join.multipleRuns: (2 checks) ... OK (6.31 seconds)
test.join.singleRuns: (7 checks) ... OK (0.79 seconds)
test.multipleruns: (2 checks) ... OK (2.25 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.NMFStrategy-class.r
test.accessors: (26 checks) ... OK (0.04 seconds)
test.constructor: (16 checks) ... OK (0.05 seconds)
test.constructorMethod: (3 checks) ... OK (0.03 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.options.r
test.nmf.getOption: (2 checks) ... OK (0 seconds)
test.nmf.options: (9 checks) ... OK (0.01 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.parallel.r
test.ForeachBackend: (4 checks) ... OK (3.17 seconds)
test.gVariable: (11 checks) ... OK (18.51 seconds)
test.nmf: (59 checks) ... OK (75.32 seconds)
test.setupBackend: (4 checks) ... OK (0.13 seconds)
test.shared_memory_doMC: (12 checks) ... OK (6.13 seconds)
test.shared_memory_doMPI : DEACTIVATED, NMF shared memory feature does not currently work with doMPI.
test.shared_memory_doParallel: (12 checks) ... OK (10 seconds)
test.shared_memory_doSEQ: (11 checks) ... OK (6.52 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.seed.r
test.nndsvd: (10 checks) ... OK (0.02 seconds)
test.none: (6 checks) ... OK (0.03 seconds)
test.random: (26 checks) ... OK (0.12 seconds)
test.restore : DEACTIVATED, The option 'restore.seed' is deprecated. Related tests are now in test.seed.
test.seed.effect: (15 checks) ... OK (18.58 seconds)
test.zzz.all: (297 checks) ... OK (18.13 seconds)
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Test file: /tmp/Rpkglib_21df4678e6e5/NMF/tests/runit.utils.r
test.nmfWrapper: (16 checks) ... OK (2.14 seconds)
test.rmatrix: (16 checks) ... OK (0.04 seconds)

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Total execution time

	user	system	elapsed
	389.370	37.686	424.702

Session Information

- R version 3.1.2 (2014-10-31), x86_64-pc-linux-gnu
- Locale: LC_CTYPE=en_US.UTF-8, LC_NUMERIC=C, LC_TIME=C, LC_COLLATE=en_US.UTF-8, LC_MONETARY=en_ZA.UTF-8, LC_MESSAGES=en_US.UTF-8, LC_PAPER=en_ZA.UTF-8, LC_NAME=C, LC_ADDRESS=C, LC_TELEPHONE=C, LC_MEASUREMENT=en_ZA.UTF-8, LC_IDENTIFICATION=C
- Base packages: base, datasets, graphics, grDevices, methods, parallel, stats, utils

- Other packages: BH 1.54.0-5, bigmemory 4.4.6, bigmemory.sri 0.1.3, Biobase 2.26.0, BiocGenerics 0.12.1, cluster 1.15.3, doMPI 0.2, doParallel 1.0.8, fastICA 1.2-0, foreach 1.4.2, iterators 1.0.7, NMF 0.22, pkgmaker 0.25.9, RColorBrewer 1.0-5, Rcpp 0.11.3, RcppOctave 0.14.5, registry 0.2, Rmpi 0.6-5, rngtools 1.2.4, RUnit 0.4.27, stringr 0.6.2, synchronicity 1.1.4
- Loaded via a namespace (and not attached): codetools 0.2-9, colorspace 1.2-4, compiler 3.1.2, dendextend 0.17.5, digest 0.6.4, ggplot2 1.0.0, grid 3.1.2, gridBase 0.4-7, gtable 0.1.2, magrittr 1.5, MASS 7.3-35, munsell 0.4.2, plyr 1.8.1, proto 0.3-10, reshape2 1.4, scales 0.2.4, tools 3.1.2, whisker 0.3-2, xtable 1.7-4