

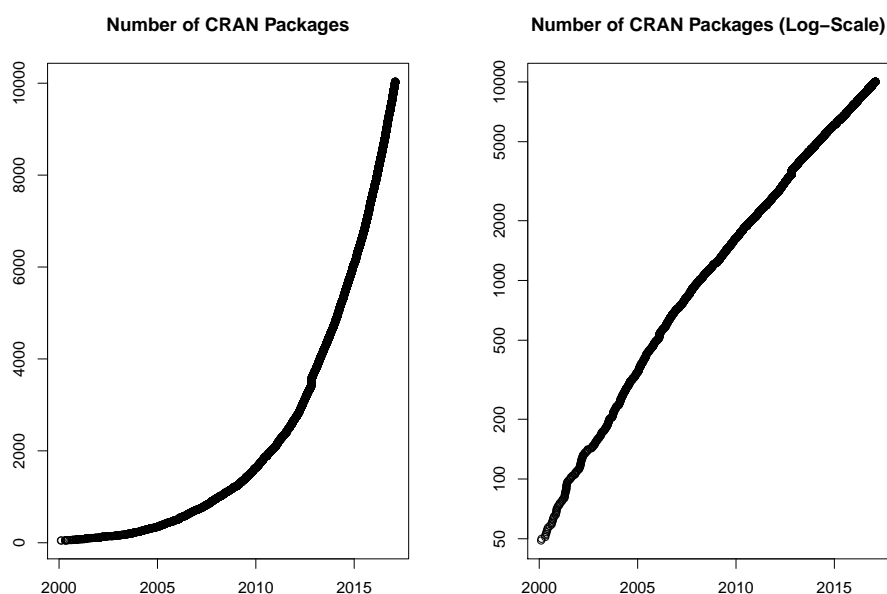
Changes on CRAN

2016-08-01 to 2017-01-31

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CRAN Growth

In the past 6 months, 1169 new packages were added to the CRAN package repository. 18 packages were unarchived and 36 archived. The following shows the growth of the number of active packages in the CRAN package repository:



Around 2017-01-27, the number of active packages went above 10000!

New CRAN task views

ExtremeValue Topic: Extreme Value Analysis. Maintainer: Christophe Dutang, Kevin Jaunatre. Packages: [QRM](#), [RTDE](#), [ReIns](#), [SpatialExtremes](#), [VGAM](#), [copula](#), [evd*](#), [evdbayes](#), [evir*](#), [extRemes](#), [extremeStat](#), [extremefit](#), [fExtremes](#), [ismev](#), [lmom](#), [lmom-RFA](#), [lmomco](#), [mev](#), [texmex](#).

(* = core package)

New packages in CRAN task views

Bayesian [BAS](#), [Boom](#), [BoomSpikeSlab](#), [LaplacesDemon](#), [abn](#), [bayesImageS](#), [bayesmeta](#), [bsts](#), [nimble](#).

ChemPhys [enpls](#), [wccsom](#).

ClinicalTrials [ThreeGroups](#).

Cluster [ADPclust](#), [CEC](#), [bmixture](#), [clustMixType](#), [edci](#), [largeVis](#).

DifferentialEquations [Sim.DiffProc](#).

Distributions Compositional, QRM, ReIns, bmixture.

Econometrics ExtremeBounds, clubSandwich, clusterSEs, decompr, gvc, pwt9, rdd, rdtools, rdrobust.

ExperimentalDesign BOIN, BayesMAMS, CombinS, GroupSeq, ICAOD, JMdesign, OBsMD, OptimaRegion, OptimalDesign, PGM2, PwrGSD, RPPairwiseDesign, SLHD, ThreeArmedTrials, VNM, acebayes, binseqtest, choiceDes, crmPack, designGLMM, designmatch, desplot, dfcomb, dfcrm, dfmta, dfpk, docopulae, dynaTree, easypower, ez, gset, hiPOD, ibd, minimaxdesign, optDesignSlopeInt, ph2bayes, ph2bye, pid, powerAnalysis, powerGWASinteraction, powerbydesign, qualityTools, seqDesign, ssize.fdr, ssizeRNA, vdg.

Finance Dowd, FinancialMath, GetHFDData, GetTDDData, InfoTrad, MSGARCH, NetworkRiskMeasures, PortfolioEffectHFT, QuantTools, factorstochvol, fmdates, pinbasic, ragtop, sharpeRratio, tidyquant.

HighPerformanceComputing batchtools, pbapply, permGPU.

MachineLearning biglasso, gmum.r, rnn, spa.

MedicalImaging Morpho*, RNifti*, Rvcg*, adaptsmoFMRI, bayesImageS, divest*, edfReader*, eegkit*.

MetaAnalysis MetaAnalyser, MetaIntegrator, esc, metaplotr.

NaturalLanguageProcessing PGRdup, gutenbergr, hunspell, monkeylearn, mscstexta4r, mscsweb1m4r, phonics, quanteda, tesseract, text2vec, tidytext, tokenizers.

NumericalMathematics RSpectra, rmumps, schumaker.

OfficialStatistics BIFIESurvey, CalibrateSSB, Frames2, GeomComb, MBHdesign, PracTools, RRTCS, RcmdrPlugin.sampling, gridsample, mapStats, panelaggregation, quantification, rpms, rspa, samplesize4surveys, srvyr, surveybootstrap, surveydata, surveyoutliers, svyPVpack.

Phylogenetics outbreaker, phyext2, phyloTop, rmetasim, rotl.

Psychometrics BayesFM, BayesLCA, BigSEM, CAvariants, ClustVarLV, DistatisR, GDINA, IRTpp, LNIRT, LVMMCOR, LatentREGpp, MCAvariants, ML-CIRTwithin, SEMID, SOD, SparseFactorAnalysis, TestDataImputation, aspect, cIRT, cabootcrs, cds, cncaGUI, cocor, covLCA, ctsem, dlsem, edstan, elasticnet, emIRT, esaBcv, faoutlier, fourPNO, gSEM, gtheory, immer, influence.SEM, irtDemo, lba, lcda, lsl, ltbayes, nsprcomp, optiscale, paran, piecewiseSEM, plotSEMM, regsem, rsem, semGOF, semdiag, semtree, smds, soc.ca, sparseSEM, subscore, superMDS, xxIRT.

SocialSciences optmatch.

Spatial ExceedanceTools, RQGIS, dggridR*, gear, geojson, geojsonio, ggsm, postGIS-tools, rgbif, rpostgis, sf*, smacpod, smerc, spacom, spselect.

SpatioTemporal CARBayesST, GeoLight, SimilarityMeasures.

Survival AHR, APtools, AdapEnetClass, BayesPiecewiseICAR, Biograph, CFC, Coxnet, Cyclops, ELYP, FamEvent, GORCure, GSSE, ICBayes, ICGOR, InformativeCensoring, JointModel, LTRCtrees, LexisPlotR, PenCoxFrail, SSRMST, SimHaz, SimSCRPiecewise, SurvCorr, SurvLong, SurvRank, SurvRegCensCov, TP.idm, TransModel, addhazard, asaur, bnnSurvival, cmprskQR, compareC, condSURV, controlTest, coxsei, crpp, crskdiag, discSurv, emplik2, fastpseudo, flexPM, flexrsurv, frailtySurv, gcerisk, glmnet, gte, hdnom, icRSF, icenReg, imputeYn, intercure, isoph, jackknifeKME, joint.Cox, landest, mexhaz, miCoPTCM, msmttools, npsurv, pch, plac, popEpi, ranger, reReg, reda, rstpm2, smcure, survMisc, survRM2, survminer, tdROC, thregI, tranSurv, uniah.

TimeSeries BETS, BigVAR, GAS, GeomComb, InspectChangepoint, Tcomp, Wavelet-Comp, cointReg, dCovTS, dynr, ecm, factorstochvol, forecastHybrid, gdpc, ggseas, mclcar, onlineCPD, opera, pcdpca, pdc, robets, roll, rucrdtw, scoringRules, seasonalview, smooth, sparsevar, spectral, stR, thief, tsdisagg2, tswge, uroot, x13binary.

WebTechnologies ROpenFIGI, RSmartlyIO, RStripe, anametrix, dataone, datarobot, europepmc, fiery, geoparser, googleAnalyticsR, googleCloudStorageR, htmltab, jqr, jsonvalidate, mscstexta4r, mscsweblm4r, nomadlist, openadds, opencage, osi, osm-plotr, placement, plumber, rgeospatialquality, rosetteApi, uaparserjs.

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