

Package: editrules (via r-universe)

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Title Parsing, Applying, and Manipulating Data Cleaning Rules

LazyData no

Type Package

LazyLoad yes

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Description Please note: active development has moved to packages 'validate' and 'errorlocate'. Facilitates reading and manipulating (multivariate) data restrictions (edit rules) on numerical and categorical data. Rules can be defined with common R syntax and parsed to an internal (matrix-like format). Rules can be manipulated with variable elimination and value substitution methods, allowing for feasibility checks and more. Data can be tested against the rules and erroneous fields can be found based on Fellegi and Holt's generalized principle. Rules dependencies can be visualized with using the 'igraph' package.

Version 2.9.3

Depends R (>= 2.12.0), igraph

Imports lpSolveAPI

URL <https://github.com/data-cleaning/editrules>

BugReports <https://github.com/data-cleaning/editrules/issues>

Collate 'adjacency.R' 'as.igraph.R' 'editset.R' 'editarray.R' 'editmatrix.R' 'as.matrix.R' 'backtracker.R' 'blocks.R' 'c.R' 'cateditmatrix.R' 'checkDatamodel.R' 'checkRows.R' 'contains.R' 'disjunct.R' 'duplicated.R' 'echelon.R' 'editAttr.R' 'editarrayAttr.R' 'editfile.R' 'editmatrixAttr.R' 'editrules-data.R' 'eliminate.R' 'errorLocalizer.R' 'errorLocalizer_mip.R' 'errorLocation.R' 'expandEdits.R' 'generateEdits.R' 'getH.R' 'getUpperBounds.R' 'getVars.R'

'is.R' 'isFeasible.R' 'isObviouslyInfeasible.R'
'isObviouslyRedundant.R' 'isSubset.R' 'list2env.R'
'localizeErrors.R' 'mip.R' 'parseCat.R' 'parseEdits.R'
'parseMix.R' 'parseNum.R' 'perturbWeights.R' 'pkg.R' 'plot.R'
'plot_errorLocation.R' 'print.R' 'reduce.R' 'removeRedundant.R'
'softEdits.R' 'str.R' 'subsetting.R' 'substValue.R' 'summary.R'
'violatedEdits.R' 'writeELAsMip.R' 'zzz.R'

RoxygenNote 7.3.1

Encoding UTF-8

Repository <https://data-cleaning.r-universe.dev>

RemoteUrl <https://github.com/data-cleaning/editrules>

RemoteRef HEAD

RemoteSha 7a054c2207f273ea57b0d69688cccfd3fda9f64