

## The R Base Package



Documentation for package 'base' version 4.1.0

- [DESCRIPTION file](#).
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The R Base Package

-- A --

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<a href="#">abs</a>	Miscellaneous Mathematical Functions
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<a href="#">acosh</a>	Hyperbolic Functions
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<a href="#">agrepl</a>	Approximate String Matching (Fuzzy Matching)
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<a href="#">all.vars</a>	Find All Names in an Expression
<a href="#">allowInterrupts</a>	Condition Handling and Recovery
<a href="#">any</a>	Are Some Values True?
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<a href="#">anyMissing</a>	'Not Available' / Missing Values
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<a href="#">arrayInd</a>	Which indices are TRUE?
<a href="#">as.array</a>	Multi-way Arrays
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<a href="#">as.character.numeric_version</a>	Numeric Versions
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<a href="#">as.character.POSIXt</a>	Date-time Conversion Functions to and from Character
<a href="#">as.character.srcref</a>	References to Source Files and Code
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<a href="#">as.data.frame.AsIs</a>	Coerce to a Data Frame
<a href="#">as.data.frame.Date</a>	Date Class
<a href="#">as.data.frame.numeric_version</a>	Numeric Versions
<a href="#">as.data.frame.POSIXct</a>	Date-Time Classes
<a href="#">as.data.frame.table</a>	Cross Tabulation and Table Creation
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<a href="#">as.double</a>	Double-Precision Vectors
<a href="#">as.double.difftime</a>	Time Intervals / Differences
<a href="#">as.double.POSIXlt</a>	Date-time Conversion Functions
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<a href="#">as.function</a>	Convert Object to Function
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<a href="#">as.integer</a>	Integer Vectors
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<a href="#">as.list.Date</a>	Date Class
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<a href="#">as.list.POSIXct</a>	Date-Time Classes
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<a href="#">as.matrix.noquote</a>	Class for 'no quote' Printing of Character Strings
<a href="#">as.matrix.POSIXlt</a>	Date-Time Classes
<a href="#">as.name</a>	Names and Symbols
<a href="#">as.null</a>	The Null Object

<a href="#">as.numeric</a>	Numeric Vectors
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<a href="#">as.octmode</a>	Display Numbers in Octal
<a href="#">as.ordered</a>	Factors
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<a href="#">as.pairlist</a>	Lists - Generic and Dotted Pairs
<a href="#">as.POSIXct</a>	Date-time Conversion Functions
<a href="#">as.POSIXlt</a>	Date-time Conversion Functions
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<a href="#">as.raw</a>	Raw Vectors
<a href="#">as.single</a>	Double-Precision Vectors
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<a href="#">asplit</a>	Split Array/Matrix By Its Margins
<a href="#">asS3</a>	Test for an S4 object
<a href="#">asS4</a>	Test for an S4 object
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<a href="#">assignOps</a>	Assignment Operators
<a href="#">atan</a>	Trigonometric Functions
<a href="#">atan2</a>	Trigonometric Functions
<a href="#">atanh</a>	Hyperbolic Functions
<a href="#">atomic</a>	Vectors
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<a href="#">attachNamespace</a>	Loading and Unloading Name Spaces
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<a href="#">autoloader</a>	On-demand Loading of Packages
<a href="#">Autoloads</a>	On-demand Loading of Packages

-- B --

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<a href="#">backtick</a>	Quotes
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<a href="#">bindenv</a>	Binding and Environment Locking, Active Bindings
<a href="#">bindingIsActive</a>	Binding and Environment Locking, Active Bindings
<a href="#">bindingIsLocked</a>	Binding and Environment Locking, Active Bindings
<a href="#">bindtextdomain</a>	Translate Text Messages
<a href="#">bitwAnd</a>	Bitwise Logical Operations
<a href="#">bitwNot</a>	Bitwise Logical Operations
<a href="#">bitwOr</a>	Bitwise Logical Operations
<a href="#">bitwShiftL</a>	Bitwise Logical Operations
<a href="#">bitwShiftR</a>	Bitwise Logical Operations
<a href="#">bitwXor</a>	Bitwise Logical Operations
<a href="#">body</a>	Access to and Manipulation of the Body of a Function
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<a href="#">browserSetDebug</a>	Functions to Retrieve Values Supplied by Calls to the Browser
<a href="#">browserText</a>	Functions to Retrieve Values Supplied by Calls to the Browser
<a href="#">builtins</a>	Returns the Names of All Built-in Objects
<a href="#">by</a>	Apply a Function to a Data Frame Split by Factors
<a href="#">bzfile</a>	Functions to Manipulate Connections (Files, URLs, ...)

-- C --

<a href="#">c</a>	Combine Values into a Vector or List
<a href="#">c.Date</a>	Date Class
<a href="#">c.difftime</a>	Time Intervals / Differences
<a href="#">c.factor</a>	Factors
<a href="#">c.noquote</a>	Class for 'no quote' Printing of Character Strings
<a href="#">c.numeric_version</a>	Numeric Versions
<a href="#">c.POSIXct</a>	Date-Time Classes
<a href="#">c.warnings</a>	Print Warning Messages
<a href="#">call</a>	Function Calls
<a href="#">callCC</a>	Call With Current Continuation
<a href="#">capabilities</a>	Report Capabilities of this Build of R
<a href="#">casefold</a>	Character Translation and Casefolding
<a href="#">cat</a>	Concatenate and Print
<a href="#">cbind</a>	Combine R Objects by Rows or Columns
<a href="#">cbind.data.frame</a>	Combine R Objects by Rows or Columns

<a href="#">ceiling</a>	Rounding of Numbers
<a href="#">char.expand</a>	Expand a String with Respect to a Target Table
<a href="#">character</a>	Character Vectors
<a href="#">charmatch</a>	Partial String Matching
<a href="#">charToRaw</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">chartr</a>	Character Translation and Casefolding
<a href="#">check_tzones</a>	Date-Time Classes
<a href="#">chkDots</a>	Warn About Extraneous Arguments in the "..." of Its Caller
<a href="#">chol</a>	The Choleski Decomposition
<a href="#">chol2inv</a>	Inverse from Choleski (or QR) Decomposition
<a href="#">choose</a>	Special Functions of Mathematics
<a href="#">class</a>	Object Classes
<a href="#">clearPushBack</a>	Push Text Back on to a Connection
<a href="#">clipboard</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">close</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">close.srcfile</a>	References to Source Files and Code
<a href="#">close.srcfilealias</a>	References to Source Files and Code
<a href="#">closeAllConnections</a>	Display Connections
<a href="#">closure</a>	Function Definition
<a href="#">code point</a>	Convert Integer Vectors to or from UTF-8-encoded Character Vectors
<a href="#">col</a>	Column Indexes
<a href="#">collation</a>	Relational Operators
<a href="#">colMeans</a>	Form Row and Column Sums and Means
<a href="#">colnames</a>	Row and Column Names
<a href="#">colon</a>	Colon Operator
<a href="#">colSums</a>	Form Row and Column Sums and Means
<a href="#">commandArgs</a>	Extract Command Line Arguments
<a href="#">comment</a>	Query or Set a "comment" Attribute
<a href="#">Comparison</a>	Relational Operators
<a href="#">Complex</a>	S3 Group Generic Functions
<a href="#">complex</a>	Complex Numbers and Basic Functionality
<a href="#">computeRestarts</a>	Condition Handling and Recovery
<a href="#">condition</a>	Condition Handling and Recovery
<a href="#">conditionCall</a>	Condition Handling and Recovery
<a href="#">conditionCall.condition</a>	Condition Handling and Recovery
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<a href="#">conditionMessage.condition</a>	Condition Handling and Recovery
<a href="#">conditions</a>	Condition Handling and Recovery
<a href="#">conflictRules</a>	Loading/Attaching and Listing of Packages
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<a href="#">connections</a>	Functions to Manipulate Connections (Files, URLs, ...)

<a href="#">Constants</a>	Built-in Constants
<a href="#">contributors</a>	R Project Contributors
<a href="#">Control</a>	Control Flow
<a href="#">copyright</a>	Copyrights of Files Used to Build R
<a href="#">copyrights</a>	Copyrights of Files Used to Build R
<a href="#">cos</a>	Trigonometric Functions
<a href="#">cosh</a>	Hyperbolic Functions
<a href="#">cospi</a>	Trigonometric Functions
<a href="#">crossprod</a>	Matrix Crossproduct
<a href="#">Cstack_info</a>	Report Information on C Stack Size and Usage
<a href="#">cummax</a>	Cumulative Sums, Products, and Extremes
<a href="#">cummin</a>	Cumulative Sums, Products, and Extremes
<a href="#">cumprod</a>	Cumulative Sums, Products, and Extremes
<a href="#">cumsum</a>	Cumulative Sums, Products, and Extremes
<a href="#">curlGetHeaders</a>	Retrieve Headers from URLs
<a href="#">cut</a>	Convert Numeric to Factor
<a href="#">cut.POSIXt</a>	Convert a Date or Date-Time Object to a Factor

-- D --

<a href="#">data.class</a>	Object Classes
<a href="#">data.frame</a>	Data Frames
<a href="#">data.matrix</a>	Convert a Data Frame to a Numeric Matrix
<a href="#">Date</a>	Date Class
<a href="#">date</a>	System Date and Time
<a href="#">date-time</a>	Date-Time Classes
<a href="#">Dates</a>	Date Class
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<a href="#">debug</a>	Debug a Function
<a href="#">debuggingState</a>	Debug a Function
<a href="#">debugonce</a>	Debug a Function
<a href="#">default.stringsAsFactors</a>	Data Frames
<a href="#">Defunct</a>	Marking Objects as Defunct
<a href="#">defunct</a>	Marking Objects as Defunct
<a href="#">delayedAssign</a>	Delay Evaluation
<a href="#">deparse</a>	Expression Deparsing
<a href="#">deparse1</a>	Expression Deparsing
<a href="#">Deprecated</a>	Marking Objects as Deprecated
<a href="#">deprecated</a>	Marking Objects as Deprecated
<a href="#">det</a>	Calculate the Determinant of a Matrix
<a href="#">detach</a>	Detach Objects from the Search Path
<a href="#">determinant</a>	Calculate the Determinant of a Matrix
<a href="#">dget</a>	Write an Object to a File or Recreate it
<a href="#">diag</a>	Matrix Diagonals

<a href="#">diff</a>	Lagged Differences
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<a href="#">difftime</a>	Time Intervals / Differences
<a href="#">digamma</a>	Special Functions of Mathematics
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<a href="#">dimnames</a>	Dimnames of an Object
<a href="#">dir</a>	List the Files in a Directory/Folder
<a href="#">dir.create</a>	Manipulation of Directories and File Permissions
<a href="#">dirname</a>	Manipulate File Paths
<a href="#">DISPLAY</a>	Environment Variables
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<a href="#">do.call</a>	Execute a Function Call
<a href="#">dontCheck</a>	Identity Function to Suppress Checking
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<a href="#">droplevels</a>	Drop Unused Levels from Factors
<a href="#">dump</a>	Text Representations of R Objects
<a href="#">duplicated</a>	Determine Duplicate Elements
<a href="#">duplicated.numeric_version</a>	Numeric Versions
<a href="#">duplicated.POSIXlt</a>	Date-Time Classes
<a href="#">duplicated.warnings</a>	Print Warning Messages
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<a href="#">Encoding</a>	Read or Set the Declared Encodings for a Character Vector
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<a href="#">environment</a>	Environment Access
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<a href="#">eval.parent</a>	Evaluate an (Unevaluated) Expression
<a href="#">evalq</a>	Evaluate an (Unevaluated) Expression
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<a href="#">expand.grid</a>	Create a Data Frame from All Combinations of Factor Variables
<a href="#">expm1</a>	Logarithms and Exponentials
<a href="#">expression</a>	Unevaluated Expressions
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-- F --

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<a href="#">factorial</a>	Special Functions of Mathematics
<a href="#">FALSE</a>	Logical Vectors
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<a href="#">file.path.encoding</a>	File Paths not in the Native Encoding
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<a href="#">file.mtime</a>	Extract File Information
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<a href="#">file.rename</a>	File Manipulation
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<a href="#">file.size</a>	Extract File Information
<a href="#">file.symlink</a>	File Manipulation
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<a href="#">Filter</a>	Common Higher-Order Functions in Functional Programming Languages
<a href="#">finalizer</a>	Finalization of Objects



<a href="#">Find</a>	Common Higher-Order Functions in Functional Programming Languages
<a href="#">find.package</a>	Find Packages
<a href="#">findInterval</a>	Find Interval Numbers or Indices
<a href="#">findRestart</a>	Condition Handling and Recovery
<a href="#">finite</a>	Finite, Infinite and NaN Numbers
<a href="#">floor</a>	Rounding of Numbers
<a href="#">flush</a>	Functions to Manipulate Connections (Files, URLs, ...)
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<a href="#">force</a>	Force Evaluation of an Argument
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<a href="#">format.info</a>	format(.) Information
<a href="#">format.libraryIQR</a>	Loading/Attaching and Listing of Packages
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<a href="#">format.octmode</a>	Display Numbers in Octal
<a href="#">format.packageInfo</a>	Loading/Attaching and Listing of Packages
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<a href="#">formatC</a>	Formatting Using C-style Formats
<a href="#">formatDL</a>	Format Description Lists
<a href="#">forwardsolve</a>	Solve an Upper or Lower Triangular System
<a href="#">function</a>	Function Definition
<a href="#">fuzzy_matching</a>	Approximate String Matching (Fuzzy Matching)

-- G --

<a href="#">gamma</a>	Special Functions of Mathematics
<a href="#">gc</a>	Garbage Collection
<a href="#">gc.time</a>	Report Time Spent in Garbage Collection
<a href="#">gcinfo</a>	Garbage Collection
<a href="#">gctorture</a>	Torture Garbage Collector
<a href="#">gctorture2</a>	Torture Garbage Collector
<a href="#">get</a>	Return the Value of a Named Object
<a href="#">get0</a>	Is an Object Defined?
<a href="#">getAllConnections</a>	Display Connections
<a href="#">getConnection</a>	Display Connections
<a href="#">getDLLRegisteredRoutines</a>	Reflectance Information for C/Fortran routines in a DLL
<a href="#">getElement</a>	Extract or Replace Parts of an Object

<a href="#">geterrmessage</a>	Stop Function Execution
<a href="#">getHook</a>	Functions to Get and Set Hooks for Load, Attach, Detach and Unload
<a href="#">getLoadedDLLs</a>	Get DLLs Loaded in Current Session
<a href="#">getNativeSymbolInfo</a>	Obtain a Description of one or more Native (C/Fortran) Symbols
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<a href="#">gl</a>	Generate Factor Levels
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<a href="#">globalenv</a>	Environment Access
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<a href="#">grepl</a>	Pattern Matching and Replacement
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<a href="#">groupGeneric</a>	S3 Group Generic Functions
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<a href="#">GSC</a>	Environment Variables
<a href="#">gsub</a>	Pattern Matching and Replacement
<a href="#">gzcon</a>	(De)compress I/O Through Connections
<a href="#">gzfile</a>	Functions to Manipulate Connections (Files, URLs, ...)

-- H --

<a href="#">hexmode</a>	Display Numbers in Hexadecimal
<a href="#">HOME</a>	Environment Variables

-- I --

<a href="#">I</a>	Inhibit Interpretation/Conversion of Objects
<a href="#">iconv</a>	Convert Character Vector between Encodings
<a href="#">iconvlist</a>	Convert Character Vector between Encodings
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<a href="#">identity</a>	Identity Function
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<a href="#">infinite</a>	Finite, Infinite and NaN Numbers

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<a href="#">intersection</a>	Set Operations
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<a href="#">intToUtf8</a>	Convert Integer Vectors to or from UTF-8-encoded Character Vectors
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<a href="#">is.character</a>	Character Vectors
<a href="#">is.complex</a>	Complex Numbers and Basic Functionality
<a href="#">is.data.frame</a>	Coerce to a Data Frame
<a href="#">is.double</a>	Double-Precision Vectors
<a href="#">is.element</a>	Set Operations
<a href="#">is.environment</a>	Environment Access
<a href="#">is.expression</a>	Unevaluated Expressions
<a href="#">is.factor</a>	Factors
<a href="#">is.finite</a>	Finite, Infinite and NaN Numbers
<a href="#">is.function</a>	Is an Object of Type (Primitive) Function?
<a href="#">is.infinite</a>	Finite, Infinite and NaN Numbers
<a href="#">is.integer</a>	Integer Vectors
<a href="#">is.language</a>	Is an Object a Language Object?
<a href="#">is.list</a>	Lists - Generic and Dotted Pairs
<a href="#">is.loaded</a>	Foreign Function Interface
<a href="#">is.logical</a>	Logical Vectors
<a href="#">is.matrix</a>	Matrices
<a href="#">is.na</a>	'Not Available' / Missing Values
<a href="#">is.na.numeric_version</a>	Numeric Versions
<a href="#">is.na.POSIXlt</a>	Date-Time Classes
<a href="#">is.name</a>	Names and Symbols
<a href="#">is.nan</a>	Finite, Infinite and NaN Numbers
<a href="#">is.null</a>	The Null Object
<a href="#">is.numeric</a>	Numeric Vectors

<a href="#">is.numeric.difftime</a>	Time Intervals / Differences
<a href="#">is.numeric_version</a>	Numeric Versions
<a href="#">is.object</a>	Is an Object 'internally classed'?
<a href="#">is.ordered</a>	Factors
<a href="#">is.package_version</a>	Numeric Versions
<a href="#">is.pairlist</a>	Lists - Generic and Dotted Pairs
<a href="#">is.primitive</a>	Is an Object of Type (Primitive) Function?
<a href="#">is.qr</a>	The QR Decomposition of a Matrix
<a href="#">is.R</a>	Are we using R, rather than S?
<a href="#">is.raw</a>	Raw Vectors
<a href="#">is.recursive</a>	Is an Object Atomic or Recursive?
<a href="#">is.single</a>	Is an Object of Single Precision Type?
<a href="#">is.symbol</a>	Names and Symbols
<a href="#">is.table</a>	Cross Tabulation and Table Creation
<a href="#">is.unsorted</a>	Test if an Object is Not Sorted
<a href="#">is.vector</a>	Vectors
<a href="#">isa</a>	Object Classes
<a href="#">isatty</a>	Display Connections
<a href="#">isdebugged</a>	Debug a Function
<a href="#">isFALSE</a>	Logical Operators
<a href="#">isIncomplete</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">isNamespaceLoaded</a>	Loading and Unloading Name Spaces
<a href="#">ISOdate</a>	Date-time Conversion Functions from Numeric Representations
<a href="#">ISOdatetime</a>	Date-time Conversion Functions from Numeric Representations
<a href="#">isOpen</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">isRestart</a>	Condition Handling and Recovery
<a href="#">isS4</a>	Test for an S4 object
<a href="#">isSeekable</a>	Functions to Reposition Connections
<a href="#">isSymmetric</a>	Test if a Matrix or other Object is Symmetric (Hermitian)
<a href="#">isTRUE</a>	Logical Operators

-- J --

<a href="#">jitter</a>	'Jitter' (Add Noise) to Numbers
<a href="#">julian</a>	Extract Parts of a POSIXt or Date Object

-- K --

<a href="#">kappa</a>	Compute or Estimate the Condition Number of a Matrix
<a href="#">kronecker</a>	Kronecker Products on Arrays

-- L --

<a href="#">l10n_info</a>	Localization Information
<a href="#">La.svd</a>	Singular Value Decomposition of a Matrix
<a href="#">labels</a>	Find Labels from Object
<a href="#">LANGUAGE</a>	Environment Variables

<a href="#">language</a>	Is an Object a Language Object?
<a href="#">language object</a>	Is an Object a Language Object?
<a href="#">language objects</a>	Is an Object a Language Object?
<a href="#">lapply</a>	Apply a Function over a List or Vector
<a href="#">last.warning</a>	Print Warning Messages
<a href="#">La_library</a>	LAPACK Library
<a href="#">La_version</a>	LAPACK Version
<a href="#">lbeta</a>	Special Functions of Mathematics
<a href="#">lchoose</a>	Special Functions of Mathematics
<a href="#">LC_ALL</a>	Query or Set Aspects of the Locale
<a href="#">LC_COLLATE</a>	Query or Set Aspects of the Locale
<a href="#">LC_CTYPE</a>	Query or Set Aspects of the Locale
<a href="#">LC_MEASUREMENT</a>	Query or Set Aspects of the Locale
<a href="#">LC_MESSAGES</a>	Query or Set Aspects of the Locale
<a href="#">LC_MONETARY</a>	Query or Set Aspects of the Locale
<a href="#">LC_NUMERIC</a>	Query or Set Aspects of the Locale
<a href="#">LC_PAPER</a>	Query or Set Aspects of the Locale
<a href="#">LC_TIME</a>	Query or Set Aspects of the Locale
<a href="#">length</a>	Length of an Object
<a href="#">length.POSIXlt</a>	Date-Time Classes
<a href="#">lengths</a>	Lengths of List or Vector Elements
<a href="#">LETTERS</a>	Built-in Constants
<a href="#">letters</a>	Built-in Constants
<a href="#">levels</a>	Levels Attributes
<a href="#">lfactorial</a>	Special Functions of Mathematics
<a href="#">lgamma</a>	Special Functions of Mathematics
<a href="#">libcurlVersion</a>	Report Version of libcurl
<a href="#">library</a>	Loading/Attaching and Listing of Packages
<a href="#">library.dynam</a>	Loading DLLs from Packages
<a href="#">library.dynam.unload</a>	Loading DLLs from Packages
<a href="#">licence</a>	The R License Terms
<a href="#">license</a>	The R License Terms
<a href="#">list</a>	Lists - Generic and Dotted Pairs
<a href="#">list.dirs</a>	List the Files in a Directory/Folder
<a href="#">list.files</a>	List the Files in a Directory/Folder
<a href="#">list2DF</a>	Create Data Frame From List
<a href="#">list2env</a>	From A List, Build or Add To an Environment
<a href="#">load</a>	Reload Saved Datasets
<a href="#">loadedNamespaces</a>	Loading and Unloading Name Spaces
<a href="#">loadNamespace</a>	Loading and Unloading Name Spaces
<a href="#">local</a>	Evaluate an (Unevaluated) Expression
<a href="#">localeconv</a>	Find Details of the Numerical and Monetary Representations in the Current Locale

<a href="#">locales</a>	Query or Set Aspects of the Locale
<a href="#">lockBinding</a>	Binding and Environment Locking, Active Bindings
<a href="#">lockEnvironment</a>	Binding and Environment Locking, Active Bindings
<a href="#">log</a>	Logarithms and Exponentials
<a href="#">log10</a>	Logarithms and Exponentials
<a href="#">log1p</a>	Logarithms and Exponentials
<a href="#">log2</a>	Logarithms and Exponentials
<a href="#">logb</a>	Logarithms and Exponentials
<a href="#">Logic</a>	Logical Operators
<a href="#">logical</a>	Logical Vectors
<a href="#">long_vector</a>	Long Vectors
<a href="#">Long_vectors</a>	Long Vectors
<a href="#">long_vectors</a>	Long Vectors
<a href="#">lower.tri</a>	Lower and Upper Triangular Part of a Matrix
<a href="#">ls</a>	List Objects

-- M --

<a href="#">make.names</a>	Make Syntactically Valid Names
<a href="#">make.unique</a>	Make Character Strings Unique
<a href="#">makeActiveBinding</a>	Binding and Environment Locking, Active Bindings
<a href="#">MAKEINDEX</a>	Environment Variables
<a href="#">Map</a>	Common Higher-Order Functions in Functional Programming Languages
<a href="#">mapply</a>	Apply a Function to Multiple List or Vector Arguments
<a href="#">margin.table</a>	Compute table margins
<a href="#">marginSums</a>	Compute table margins
<a href="#">mat.or.vec</a>	Create a Matrix or a Vector
<a href="#">match</a>	Value Matching
<a href="#">match.arg</a>	Argument Verification Using Partial Matching
<a href="#">match.call</a>	Argument Matching
<a href="#">match.fun</a>	Extract a Function Specified by Name
<a href="#">Math</a>	S3 Group Generic Functions
<a href="#">Math.Date</a>	Date Class
<a href="#">Math.difftime</a>	Time Intervals / Differences
<a href="#">Math.factor</a>	Factors
<a href="#">Math.POSIXlt</a>	Date-Time Classes
<a href="#">Math.POSIXt</a>	Date-Time Classes
<a href="#">matmult</a>	Matrix Multiplication
<a href="#">matrix</a>	Matrices
<a href="#">max</a>	Maxima and Minima
<a href="#">max.col</a>	Find Maximum Position in Matrix
<a href="#">MC_CORES</a>	Options Settings
<a href="#">mean</a>	Arithmetic Mean
<a href="#">mean.Date</a>	Date Class

<a href="#">mean.difftime</a>	Time Intervals / Differences
<a href="#">mean.POSIXct</a>	Date-Time Classes
<a href="#">mem.maxVSize</a>	Query and Set Heap Size Limits
<a href="#">memCompress</a>	In-memory Compression and Decompression
<a href="#">memDecompress</a>	In-memory Compression and Decompression
<a href="#">Memory</a>	Memory Available for Data Storage
<a href="#">Memory-limits</a>	Memory Limits in R
<a href="#">memory.profile</a>	Profile the Usage of Cons Cells
<a href="#">merge</a>	Merge Two Data Frames
<a href="#">message</a>	Diagnostic Messages
<a href="#">mget</a>	Return the Value of a Named Object
<a href="#">min</a>	Maxima and Minima
<a href="#">missing</a>	Does a Formal Argument have a Value?
<a href="#">Mod</a>	Complex Numbers and Basic Functionality
<a href="#">mode</a>	The (Storage) Mode of an Object
<a href="#">month.abb</a>	Built-in Constants
<a href="#">months</a>	Extract Parts of a POSIXt or Date Object
<b>-- N --</b>	
<a href="#">NA</a>	'Not Available' / Missing Values
<a href="#">name</a>	Names and Symbols
<a href="#">names</a>	The Names of an Object
<a href="#">names.POSIXlt</a>	Date-Time Classes
<a href="#">NaN</a>	Finite, Infinite and NaN Numbers
<a href="#">nargs</a>	The Number of Arguments to a Function
<a href="#">NativeSymbol</a>	Obtain a Description of one or more Native (C/Fortran) Symbols
<a href="#">NativeSymbolInfo</a>	Obtain a Description of one or more Native (C/Fortran) Symbols
<a href="#">NA_character_</a>	'Not Available' / Missing Values
<a href="#">NA_complex_</a>	'Not Available' / Missing Values
<a href="#">NA_integer_</a>	'Not Available' / Missing Values
<a href="#">NA_real_</a>	'Not Available' / Missing Values
<a href="#">nchar</a>	Count the Number of Characters (or Bytes or Width)
<a href="#">NCOL</a>	The Number of Rows/Columns of an Array
<a href="#">ncol</a>	The Number of Rows/Columns of an Array
<a href="#">Negate</a>	Common Higher-Order Functions in Functional Programming Languages
<a href="#">new.env</a>	Environment Access
<a href="#">next</a>	Control Flow
<a href="#">NextMethod</a>	Class Methods
<a href="#">ngettext</a>	Translate Text Messages
<a href="#">nlevels</a>	The Number of Levels of a Factor
<a href="#">noquote</a>	Class for 'no quote' Printing of Character Strings
<a href="#">norm</a>	Compute the Norm of a Matrix
<a href="#">normalizePath</a>	Express File Paths in Canonical Form

<a href="#">NotYetImplemented</a>	Not Yet Implemented Functions and Unused Arguments
<a href="#">NotYetUsed</a>	Not Yet Implemented Functions and Unused Arguments
<a href="#">NROW</a>	The Number of Rows/Columns of an Array
<a href="#">nrow</a>	The Number of Rows/Columns of an Array
<a href="#">NULL</a>	The Null Object
<a href="#">nullfile</a>	Display Connections
<a href="#">numeric</a>	Numeric Vectors
<a href="#">NumericConstants</a>	Numeric Constants
<a href="#">numeric_version</a>	Numeric Versions
<a href="#">numToBits</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">numToInts</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">nzchar</a>	Count the Number of Characters (or Bytes or Width)

-- o --

<a href="#">objects</a>	List Objects
<a href="#">octmode</a>	Display Numbers in Octal
<a href="#">oldClass</a>	Object Classes
<a href="#">OlsonNames</a>	Time Zones
<a href="#">on.exit</a>	Function Exit Code
<a href="#">open</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">open.srcfile</a>	References to Source Files and Code
<a href="#">open.srcfilealias</a>	References to Source Files and Code
<a href="#">Ops</a>	S3 Group Generic Functions
<a href="#">Ops.Date</a>	Operators on the Date Class
<a href="#">Ops.difftime</a>	Time Intervals / Differences
<a href="#">Ops.factor</a>	Factors
<a href="#">Ops.numeric_version</a>	Numeric Versions
<a href="#">Ops.ordered</a>	Factors
<a href="#">Ops.POSIXt</a>	Date-Time Classes
<a href="#">option</a>	Options Settings
<a href="#">options</a>	Options Settings
<a href="#">order</a>	Ordering Permutation
<a href="#">ordered</a>	Factors
<a href="#">outer</a>	Outer Product of Arrays

-- P --

<a href="#">packageEvent</a>	Functions to Get and Set Hooks for Load, Attach, Detach and Unload
<a href="#">packageNotFoundError</a>	Find Packages
<a href="#">packageStartupMessage</a>	Diagnostic Messages
<a href="#">package_version</a>	Numeric Versions
<a href="#">packBits</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">PAGER</a>	Environment Variables
<a href="#">pairlist</a>	Lists - Generic and Dotted Pairs
<a href="#">Paren</a>	Parentheses and Braces



<a href="#">parent.env</a>	Environment Access
<a href="#">parent.frame</a>	Functions to Access the Function Call Stack
<a href="#">parse</a>	Parse R Expressions
<a href="#">paste</a>	Concatenate Strings
<a href="#">paste0</a>	Concatenate Strings
<a href="#">path.expand</a>	Expand File Paths
<a href="#">path.package</a>	Find Packages
<a href="#">pcre_config</a>	Report Configuration Options for PCRE
<a href="#">pi</a>	Built-in Constants
<a href="#">pipe</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">pipeOp</a>	Forward Pipe Operator
<a href="#">plot</a>	Generic X-Y Plotting
<a href="#">pmatch</a>	Partial String Matching
<a href="#">pmax</a>	Maxima and Minima
<a href="#">pmax.int</a>	Maxima and Minima
<a href="#">pmin</a>	Maxima and Minima
<a href="#">pmin.int</a>	Maxima and Minima
<a href="#">polyroot</a>	Find Zeros of a Real or Complex Polynomial
<a href="#">pos.to.env</a>	Convert Positions in the Search Path to Environments
<a href="#">Position</a>	Common Higher-Order Functions in Functional Programming Languages
<a href="#">POSIXct</a>	Date-Time Classes
<a href="#">POSIXlt</a>	Date-Time Classes
<a href="#">POSIXt</a>	Date-Time Classes
<a href="#">pretty</a>	Pretty Breakpoints
<a href="#">prettyNum</a>	Formatting Using C-style Formats
<a href="#">primitive</a>	Look Up a Primitive Function
<a href="#">print</a>	Print Values
<a href="#">print.AsIs</a>	Inhibit Interpretation/Conversion of Objects
<a href="#">print.by</a>	Apply a Function to a Data Frame Split by Factors
<a href="#">print.condition</a>	Condition Handling and Recovery
<a href="#">print.connection</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">print.data.frame</a>	Printing Data Frames
<a href="#">print.Date</a>	Date Class
<a href="#">print.default</a>	Default Printing
<a href="#">print.difftime</a>	Time Intervals / Differences
<a href="#">print.Dlist</a>	Print Values
<a href="#">print.DLLInfo</a>	Get DLLs Loaded in Current Session
<a href="#">print.eigen</a>	Spectral Decomposition of a Matrix
<a href="#">print.hexmode</a>	Display Numbers in Hexadecimal
<a href="#">print.libraryIQR</a>	Loading/Attaching and Listing of Packages
<a href="#">print.NativeRoutineList</a>	Reflectance Information for C/Fortran routines in a DLL
<a href="#">print.noquote</a>	Class for 'no quote' Printing of Character Strings
<a href="#">print.numeric_version</a>	Numeric Versions

<a href="#">print.octmode</a>	Display Numbers in Octal
<a href="#">print.packageInfo</a>	Loading/Attaching and Listing of Packages
<a href="#">print.POSIXct</a>	Date-Time Classes
<a href="#">print.proc_time</a>	Running Time of R
<a href="#">print.rle</a>	Run Length Encoding
<a href="#">print.simple.list</a>	Print Values
<a href="#">print.srcfile</a>	References to Source Files and Code
<a href="#">print.srcref</a>	References to Source Files and Code
<a href="#">print.summary.table</a>	Cross Tabulation and Table Creation
<a href="#">print.summary.warnings</a>	Print Warning Messages
<a href="#">print.summaryDefault</a>	Object Summaries
<a href="#">print.warnings</a>	Print Warning Messages
<a href="#">prmatrix</a>	Print Matrices, Old-style
<a href="#">proc.time</a>	Running Time of R
<a href="#">prod</a>	Product of Vector Elements
<a href="#">promise</a>	Delay Evaluation
<a href="#">promises</a>	Delay Evaluation
<a href="#">prop.table</a>	Express Table Entries as Fraction of Marginal Table
<a href="#">proportions</a>	Express Table Entries as Fraction of Marginal Table
<a href="#">provideDimnames</a>	Dimnames of an Object
<a href="#">psigamma</a>	Special Functions of Mathematics
<a href="#">pushBack</a>	Push Text Back on to a Connection
<a href="#">pushBackLength</a>	Push Text Back on to a Connection

-- Q --

<a href="#">q</a>	Terminate an R Session
<a href="#">qr</a>	The QR Decomposition of a Matrix
<a href="#">qr.coef</a>	The QR Decomposition of a Matrix
<a href="#">qr.default</a>	The QR Decomposition of a Matrix
<a href="#">qr.fitted</a>	The QR Decomposition of a Matrix
<a href="#">qr.Q</a>	Reconstruct the Q, R, or X Matrices from a QR Object
<a href="#">qr.qty</a>	The QR Decomposition of a Matrix
<a href="#">qr.qy</a>	The QR Decomposition of a Matrix
<a href="#">qr.R</a>	Reconstruct the Q, R, or X Matrices from a QR Object
<a href="#">qr.resid</a>	The QR Decomposition of a Matrix
<a href="#">qr.solve</a>	The QR Decomposition of a Matrix
<a href="#">qr.X</a>	Reconstruct the Q, R, or X Matrices from a QR Object
<a href="#">quarters</a>	Extract Parts of a POSIXt or Date Object
<a href="#">quit</a>	Terminate an R Session
<a href="#">quote</a>	Substituting and Quoting Expressions
<a href="#">Quotes</a>	Quotes

-- R --

<a href="#">R.Version</a>	Version Information
<a href="#">R.version.string</a>	Version Information
<a href="#">Random</a>	Random Number Generation
<a href="#">Random.user</a>	User-supplied Random Number Generation
<a href="#">range</a>	Range of Values
<a href="#">rank</a>	Sample Ranks
<a href="#">rapply</a>	Recursively Apply a Function to a List
<a href="#">raw</a>	Raw Vectors
<a href="#">rawConnection</a>	Raw Connections
<a href="#">rawConnectionValue</a>	Raw Connections
<a href="#">rawShift</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">rawToBits</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">rawToChar</a>	Convert to or from (Bit/Packed) Raw Vectors
<a href="#">rbind</a>	Combine R Objects by Rows or Columns
<a href="#">rbind.data.frame</a>	Combine R Objects by Rows or Columns
<a href="#">rcond</a>	Compute or Estimate the Condition Number of a Matrix
<a href="#">Rd2pdf</a>	Utilities for Processing Rd Files
<a href="#">RD2PDF_INPUTENC</a>	Utilities for Processing Rd Files
<a href="#">Rdconv</a>	Utilities for Processing Rd Files
<a href="#">Re</a>	Complex Numbers and Basic Functionality
<a href="#">read.dcf</a>	Read and Write Data in DCF Format
<a href="#">readBin</a>	Transfer Binary Data To and From Connections
<a href="#">readChar</a>	Transfer Character Strings To and From Connections
<a href="#">readline</a>	Read a Line from the Terminal
<a href="#">readLines</a>	Read Text Lines from a Connection
<a href="#">readRDS</a>	Serialization Interface for Single Objects
<a href="#">readRenviron</a>	Set Environment Variables from a File
<a href="#">Recall</a>	Recursive Calling
<a href="#">Reduce</a>	Common Higher-Order Functions in Functional Programming Languages
<a href="#">reg.finalizer</a>	Finalization of Objects
<a href="#">regex</a>	Regular Expressions as used in R
<a href="#">regexec</a>	Pattern Matching and Replacement
<a href="#">regexp</a>	Regular Expressions as used in R
<a href="#">regexpr</a>	Pattern Matching and Replacement
<a href="#">RegisteredNativeSymbol</a>	Obtain a Description of one or more Native (C/Fortran) Symbols
<a href="#">regmatches</a>	Extract or Replace Matched Substrings
<a href="#">regular expression</a>	Regular Expressions as used in R
<a href="#">remove</a>	Remove Objects from a Specified Environment
<a href="#">removeTaskCallback</a>	Add or Remove a Top-Level Task Callback
<a href="#">Renviron</a>	Initialization at Start of an R Session
<a href="#">rep</a>	Replicate Elements of Vectors and Lists

[rep.numeric\\_version](#)[repeat](#)[replace](#)[replicate](#)[rep\\_len](#)[require](#)[requireNamespace](#)[Reserved](#)[reserved](#)[restartDescription](#)[restartFormals](#)[retracemem](#)[return](#)[returnValue](#)[rev](#)[rle](#)[rm](#)[RNG](#)[RNGkind](#)[RNGversion](#)[round](#)[round.Date](#)[round.POSIXt](#)[row](#)[row.names](#)[rowMeans](#)[rownames](#)[rowsum](#)[rowSums](#)[Rprofile](#)[Rprofile.site](#)[R\\_BATCH](#)[R\\_BROWSER](#)[R\\_COMPLETION](#)[R\\_C\\_BOUNDS\\_CHECK](#)[R\\_DEFAULT\\_DEVICE](#)[R\\_DEFAULT\\_PACKAGES](#)[R\\_DOC\\_DIR](#)[R\\_ENVIRON](#)[R\\_ENVIRON\\_USER](#)[R\\_GCTORTURE](#)

Numeric Versions

Control Flow

Replace Values in a Vector

Apply a Function over a List or Vector

Replicate Elements of Vectors and Lists

Loading/Attaching and Listing of Packages

Loading and Unloading Name Spaces

Reserved Words in R

Reserved Words in R

Condition Handling and Recovery

Condition Handling and Recovery

Trace Copying of Objects

Function Definition

Interactive Tracing and Debugging of Calls to a Function or Method

Reverse Elements

Run Length Encoding

Remove Objects from a Specified Environment

Random Number Generation

Random Number Generation

Random Number Generation

Rounding of Numbers

Round / Truncate Data-Time Objects

Round / Truncate Data-Time Objects

Row Indexes

Get and Set Row Names for Data Frames

Form Row and Column Sums and Means

Row and Column Names

Give Column Sums of a Matrix or Data Frame, Based on a Grouping Variable

Form Row and Column Sums and Means

Initialization at Start of an R Session

Initialization at Start of an R Session

Environment Variables

Environment Variables

Environment Variables

Options Settings

Options Settings

Initialization at Start of an R Session

Environment Variables

Initialization at Start of an R Session

Initialization at Start of an R Session

Torture Garbage Collector

<a href="#">R_GCTORTURE_INHIBIT_RELEASE</a>	Torture Garbage Collector
<a href="#">R_GCTORTURE_WAIT</a>	Torture Garbage Collector
<a href="#">R_GSCMD</a>	Environment Variables
<a href="#">R_HISTFILE</a>	Environment Variables
<a href="#">R_HISTSIZ</a>	Environment Variables
<a href="#">R_HOME</a>	Return the R Home Directory
<a href="#">R_ICU_LOCALE</a>	Setup Collation by ICU
<a href="#">R_INCLUDE_DIR</a>	Environment Variables
<a href="#">R_INTERACTIVE_DEVICE</a>	Options Settings
<a href="#">R_KEEP_PKG_SOURCE</a>	Options Settings
<a href="#">R_LIBS</a>	Search Paths for Packages
<a href="#">R_LIBS_SITE</a>	Search Paths for Packages
<a href="#">R_LIBS_USER</a>	Search Paths for Packages
<a href="#">R_MAX_NUM_DLLS</a>	Foreign Function Interface
<a href="#">R_PAPERSIZE</a>	Environment Variables
<a href="#">R_PCRE_JIT_STACK_MAXSIZE</a>	Environment Variables
<a href="#">R_PDFVIEWER</a>	Environment Variables
<a href="#">R_PLATFORM</a>	Environment Variables
<a href="#">R_PRINTCMD</a>	Environment Variables
<a href="#">R_PROFILE</a>	Initialization at Start of an R Session
<a href="#">R_PROFILE_USER</a>	Initialization at Start of an R Session
<a href="#">R_RD4PDF</a>	Environment Variables
<a href="#">R_SHARE_DIR</a>	Environment Variables
<a href="#">R_SUPPORT_OLD_TARS</a>	Environment Variables
<a href="#">R_system_version</a>	Numeric Versions
<a href="#">R_TEXI2DVICMD</a>	Environment Variables
<a href="#">R_UNZIPCMD</a>	Environment Variables
<a href="#">R_USER</a>	Environment Variables
<a href="#">R_ZIPCMD</a>	Environment Variables

-- S --

<a href="#">S3groupGeneric</a>	S3 Group Generic Functions
<a href="#">S3Methods</a>	Class Methods
<a href="#">S4</a>	Test for an S4 object
<a href="#">sample</a>	Random Samples and Permutations
<a href="#">sapply</a>	Apply a Function over a List or Vector
<a href="#">save</a>	Save R Objects
<a href="#">saveRDS</a>	Serialization Interface for Single Objects
<a href="#">scale</a>	Scaling and Centering of Matrix-like Objects
<a href="#">scan</a>	Read Data Values
<a href="#">search</a>	Give Search Path for R Objects
<a href="#">searchpaths</a>	Give Search Path for R Objects
<a href="#">seek</a>	Functions to Reposition Connections

<a href="#">seq</a>	Sequence Generation
<a href="#">seq.Date</a>	Generate Regular Sequences of Dates
<a href="#">seq.POSIXt</a>	Generate Regular Sequences of Times
<a href="#">sequence</a>	Create A Vector of Sequences
<a href="#">seq_along</a>	Sequence Generation
<a href="#">seq_len</a>	Sequence Generation
<a href="#">serialize</a>	Simple Serialization Interface
<a href="#">serverSocket</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">set.seed</a>	Random Number Generation
<a href="#">setdiff</a>	Set Operations
<a href="#">setequal</a>	Set Operations
<a href="#">setHook</a>	Functions to Get and Set Hooks for Load, Attach, Detach and Unload
<a href="#">setSessionTimeLimit</a>	Set CPU and/or Elapsed Time Limits
<a href="#">setTimeLimit</a>	Set CPU and/or Elapsed Time Limits
<a href="#">setwd</a>	Get or Set Working Directory
<a href="#">shell</a>	Invoke a System Command
<a href="#">showConnections</a>	Display Connections
<a href="#">shQuote</a>	Quote Strings for Use in OS Shells
<a href="#">sign</a>	Sign Function
<a href="#">signalCondition</a>	Condition Handling and Recovery
<a href="#">Signals</a>	Interrupting Execution of R
<a href="#">signif</a>	Rounding of Numbers
<a href="#">simpleCondition</a>	Condition Handling and Recovery
<a href="#">simpleError</a>	Condition Handling and Recovery
<a href="#">simpleMessage</a>	Condition Handling and Recovery
<a href="#">simpleWarning</a>	Condition Handling and Recovery
<a href="#">simplify2array</a>	Apply a Function over a List or Vector
<a href="#">sin</a>	Trigonometric Functions
<a href="#">single</a>	Double-Precision Vectors
<a href="#">sinh</a>	Hyperbolic Functions
<a href="#">sink</a>	Send R Output to a File
<a href="#">sinpi</a>	Trigonometric Functions
<a href="#">slice.index</a>	Slice Indexes in an Array
<a href="#">socketAccept</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">socketConnection</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">socketSelect</a>	Wait on Socket Connections
<a href="#">socketTimeout</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">solve</a>	Solve a System of Equations
<a href="#">solve.qr</a>	The QR Decomposition of a Matrix
<a href="#">sort</a>	Sorting or Ordering Vectors
<a href="#">sort.list</a>	Ordering Permutation
<a href="#">source</a>	Read R Code from a File, a Connection or Expressions
<a href="#">Special</a>	Special Functions of Mathematics

<a href="#">split</a>	Divide into Groups and Reassemble
<a href="#">split.Date</a>	Date Class
<a href="#">split.POSIXct</a>	Date-Time Classes
<a href="#">sprintf</a>	Use C-style String Formatting Commands
<a href="#">sqrt</a>	Miscellaneous Mathematical Functions
<a href="#">sQuote</a>	Quote Text
<a href="#">srcfile</a>	References to Source Files and Code
<a href="#">srcfile-class</a>	References to Source Files and Code
<a href="#">srcfilealias</a>	References to Source Files and Code
<a href="#">srcfilealias-class</a>	References to Source Files and Code
<a href="#">srcfilecopy</a>	References to Source Files and Code
<a href="#">srcfilecopy-class</a>	References to Source Files and Code
<a href="#">srcref</a>	References to Source Files and Code
<a href="#">srcref-class</a>	References to Source Files and Code
<a href="#">standardGeneric</a>	Formal Method System - Dispatching S4 Methods
<a href="#">startsWith</a>	Does String Start or End With Another String?
<a href="#">Startup</a>	Initialization at Start of an R Session
<a href="#">stderr</a>	Display Connections
<a href="#">stdin</a>	Display Connections
<a href="#">stdout</a>	Display Connections
<a href="#">stop</a>	Stop Function Execution
<a href="#">stopifnot</a>	Ensure the Truth of R Expressions
<a href="#">storage.mode</a>	The (Storage) Mode of an Object
<a href="#">str.POSIXt</a>	Date-Time Classes
<a href="#">str2expression</a>	Parse R Expressions
<a href="#">str2lang</a>	Parse R Expressions
<a href="#">strftime</a>	Date-time Conversion Functions to and from Character
<a href="#">strptime</a>	Date-time Conversion Functions to and from Character
<a href="#">strrep</a>	Repeat the Elements of a Character Vector
<a href="#">strsplit</a>	Split the Elements of a Character Vector
<a href="#">strtoi</a>	Convert Strings to Integers
<a href="#">strtrim</a>	Trim Character Strings to Specified Display Widths
<a href="#">structure</a>	Attribute Specification
<a href="#">strwrap</a>	Wrap Character Strings to Format Paragraphs
<a href="#">sub</a>	Pattern Matching and Replacement
<a href="#">Subscript</a>	Extract or Replace Parts of an Object
<a href="#">subset</a>	Subsetting Vectors, Matrices and Data Frames
<a href="#">substitute</a>	Substituting and Quoting Expressions
<a href="#">substr</a>	Substrings of a Character Vector
<a href="#">substring</a>	Substrings of a Character Vector
<a href="#">sum</a>	Sum of Vector Elements
<a href="#">Summary</a>	S3 Group Generic Functions
<a href="#">summary</a>	Object Summaries



<a href="#">summary.connection</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">Summary.Date</a>	Date Class
<a href="#">summary.Date</a>	Date Class
<a href="#">Summary.difftime</a>	Time Intervals / Differences
<a href="#">Summary.factor</a>	Factors
<a href="#">Summary.numeric_version</a>	Numeric Versions
<a href="#">Summary.ordered</a>	Factors
<a href="#">Summary.POSIXct</a>	Date-Time Classes
<a href="#">summary.POSIXct</a>	Date-Time Classes
<a href="#">Summary.POSIXlt</a>	Date-Time Classes
<a href="#">summary.proc_time</a>	Running Time of R
<a href="#">summary.srcfile</a>	References to Source Files and Code
<a href="#">summary.srcref</a>	References to Source Files and Code
<a href="#">summary.table</a>	Cross Tabulation and Table Creation
<a href="#">summary.warnings</a>	Print Warning Messages
<a href="#">suppressMessages</a>	Diagnostic Messages
<a href="#">suppressPackageStartupMessages</a>	Diagnostic Messages
<a href="#">suppressWarnings</a>	Warning Messages
<a href="#">suspendInterrupts</a>	Condition Handling and Recovery
<a href="#">svd</a>	Singular Value Decomposition of a Matrix
<a href="#">sweep</a>	Sweep out Array Summaries
<a href="#">switch</a>	Select One of a List of Alternatives
<a href="#">Syntax</a>	Operator Syntax and Precedence
<a href="#">Sys.chmod</a>	Manipulation of Directories and File Permissions
<a href="#">Sys.Date</a>	Get Current Date and Time
<a href="#">Sys.getenv</a>	Get Environment Variables
<a href="#">Sys.getlocale</a>	Query or Set Aspects of the Locale
<a href="#">Sys.getpid</a>	Get the Process ID of the R Session
<a href="#">Sys.glob</a>	Wildcard Expansion on File Paths
<a href="#">Sys.info</a>	Extract System and User Information
<a href="#">Sys.localeconv</a>	Find Details of the Numerical and Monetary Representations in the Current Locale
<a href="#">sys.on.exit</a>	Functions to Access the Function Call Stack
<a href="#">sys.parent</a>	Functions to Access the Function Call Stack
<a href="#">Sys.readlink</a>	Read File Symbolic Links
<a href="#">Sys.setenv</a>	Set or Unset Environment Variables
<a href="#">Sys.setFileTime</a>	Set File Time
<a href="#">Sys.setlocale</a>	Query or Set Aspects of the Locale
<a href="#">Sys.sleep</a>	Suspend Execution for a Time Interval
<a href="#">sys.source</a>	Parse and Evaluate Expressions from a File
<a href="#">sys.status</a>	Functions to Access the Function Call Stack
<a href="#">Sys.time</a>	Get Current Date and Time
<a href="#">Sys.timezone</a>	Time Zones



<a href="#">Sys.umask</a>	Manipulation of Directories and File Permissions
<a href="#">Sys.unsetenv</a>	Set or Unset Environment Variables
<a href="#">Sys.which</a>	Find Full Paths to Executables
<a href="#">system</a>	Invoke a System Command
<a href="#">system.file</a>	Find Names of R System Files
<a href="#">system.time</a>	CPU Time Used
<a href="#">system2</a>	Invoke a System Command

-- T --

<a href="#">T</a>	Logical Vectors
<a href="#">t</a>	Matrix Transpose
<a href="#">table</a>	Cross Tabulation and Table Creation
<a href="#">tabulate</a>	Tabulation for Vectors
<a href="#">tan</a>	Trigonometric Functions
<a href="#">tanh</a>	Hyperbolic Functions
<a href="#">tanpi</a>	Trigonometric Functions
<a href="#">tapply</a>	Apply a Function Over a Ragged Array
<a href="#">taskCallbackManager</a>	Create an R-level Task Callback Manager
<a href="#">tcrossprod</a>	Matrix Crossproduct
<a href="#">tempdir</a>	Create Names for Temporary Files
<a href="#">tempfile</a>	Create Names for Temporary Files
<a href="#">textConnection</a>	Text Connections
<a href="#">textConnectionValue</a>	Text Connections
<a href="#">tilde</a>	Tilde Operator
<a href="#">tilde expansion</a>	Expand File Paths
<a href="#">time interval</a>	Time Intervals / Differences
<a href="#">time zone</a>	Time Zones
<a href="#">time zones</a>	Time Zones
<a href="#">timezone</a>	Time Zones
<a href="#">timezones</a>	Time Zones
<a href="#">TMPDIR</a>	Environment Variables
<a href="#">tolower</a>	Character Translation and Casefolding
<a href="#">topenv</a>	Top Level Environment
<a href="#">toString</a>	Convert an R Object to a Character String
<a href="#">toupper</a>	Character Translation and Casefolding
<a href="#">trace</a>	Interactive Tracing and Debugging of Calls to a Function or Method
<a href="#">traceback</a>	Get and Print Call Stacks
<a href="#">tracemem</a>	Trace Copying of Objects
<a href="#">tracingState</a>	Interactive Tracing and Debugging of Calls to a Function or Method
<a href="#">transform</a>	Transform an Object, for Example a Data Frame
<a href="#">Trig</a>	Trigonometric Functions
<a href="#">trigamma</a>	Special Functions of Mathematics
<a href="#">trimws</a>	Remove Leading/Trailing Whitespace

<a href="#">TRUE</a>	Logical Vectors
<a href="#">trunc</a>	Rounding of Numbers
<a href="#">trunc.Date</a>	Round / Truncate Data-Time Objects
<a href="#">trunc.POSIXt</a>	Round / Truncate Data-Time Objects
<a href="#">truncate</a>	Functions to Reposition Connections
<a href="#">try</a>	Try an Expression Allowing Error Recovery
<a href="#">tryCatch</a>	Condition Handling and Recovery
<a href="#">tryInvokeRestart</a>	Condition Handling and Recovery
<a href="#">type</a>	The Type of an Object
<a href="#">typeof</a>	The Type of an Object
<a href="#">TZ</a>	Time Zones
<a href="#">TZDIR</a>	Time Zones
-- u --	
<a href="#">umask</a>	Manipulation of Directories and File Permissions
<a href="#">unclass</a>	Object Classes
<a href="#">undebug</a>	Debug a Function
<a href="#">Unicode</a>	Convert Integer Vectors to or from UTF-8-encoded Character Vectors
<a href="#">union</a>	Set Operations
<a href="#">unique</a>	Extract Unique Elements
<a href="#">unique.numeric_version</a>	Numeric Versions
<a href="#">unique.POSIXlt</a>	Date-Time Classes
<a href="#">unique.warnings</a>	Print Warning Messages
<a href="#">units</a>	Time Intervals / Differences
<a href="#">units.difftime</a>	Time Intervals / Differences
<a href="#">unlink</a>	Delete Files and Directories
<a href="#">unlist</a>	Flatten Lists
<a href="#">unloadNamespace</a>	Loading and Unloading Name Spaces
<a href="#">unlockBinding</a>	Binding and Environment Locking, Active Bindings
<a href="#">unname</a>	Remove 'names' or 'dimnames'
<a href="#">unserialize</a>	Simple Serialization Interface
<a href="#">unsplit</a>	Divide into Groups and Reassemble
<a href="#">untrace</a>	Interactive Tracing and Debugging of Calls to a Function or Method
<a href="#">untracemem</a>	Trace Copying of Objects
<a href="#">unz</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">upper.tri</a>	Lower and Upper Triangular Part of a Matrix
<a href="#">url</a>	Functions to Manipulate Connections (Files, URLs, ...)
<a href="#">UseMethod</a>	Class Methods
<a href="#">UTF-8 file path</a>	File Paths not in the Native Encoding
<a href="#">utf8ToInt</a>	Convert Integer Vectors to or from UTF-8-encoded Character Vectors

-- v --

<a href="#">validEnc</a>	Check if a Character Vector is Validly Encoded
<a href="#">validUTF8</a>	Check if a Character Vector is Validly Encoded

<a href="#">vapply</a>	Apply a Function over a List or Vector
<a href="#">vector</a>	Vectors
<a href="#">Vectorize</a>	Vectorize a Scalar Function
<a href="#">version</a>	Version Information
<b>-- w --</b>	
<a href="#">warning</a>	Warning Messages
<a href="#">warningCondition</a>	Condition Handling and Recovery
<a href="#">warnings</a>	Print Warning Messages
<a href="#">weekdays</a>	Extract Parts of a POSIXt or Date Object
<a href="#">which</a>	Which indices are TRUE?
<a href="#">which.max</a>	Where is the Min() or Max() or first TRUE or FALSE ?
<a href="#">which.min</a>	Where is the Min() or Max() or first TRUE or FALSE ?
<a href="#">while</a>	Control Flow
<a href="#">with</a>	Evaluate an Expression in a Data Environment
<a href="#">withAutoprint</a>	Read R Code from a File, a Connection or Expressions
<a href="#">withCallingHandlers</a>	Condition Handling and Recovery
<a href="#">within</a>	Evaluate an Expression in a Data Environment
<a href="#">withRestarts</a>	Condition Handling and Recovery
<a href="#">withVisible</a>	Return both a Value and its Visibility
<a href="#">write</a>	Write Data to a File
<a href="#">write.dcf</a>	Read and Write Data in DCF Format
<a href="#">writeBin</a>	Transfer Binary Data To and From Connections
<a href="#">writeChar</a>	Transfer Character Strings To and From Connections
<a href="#">writeLines</a>	Write Lines to a Connection

**-- x --**

<a href="#">xor</a>	Logical Operators
<a href="#">xtfrm</a>	Auxiliary Function for Sorting and Ranking
<a href="#">xtfrm.numeric_version</a>	Numeric Versions
<a href="#">xzfile</a>	Functions to Manipulate Connections (Files, URLs, ...)

**-- z --**

<a href="#">zapsmall</a>	Rounding of Numbers: Zapping Small Ones to Zero
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**-- misc --**

<a href="#">!</a>	Logical Operators
<a href="#">!.hexmode</a>	Display Numbers in Hexadecimal
<a href="#">!.octmode</a>	Display Numbers in Octal
<a href="#">!=</a>	Relational Operators
<a href="#">"</a>	Quotes
<a href="#">\$</a>	Extract or Replace Parts of an Object
<a href="#">\$.DLLInfo</a>	Get DLLs Loaded in Current Session
<a href="#">\$.package_version</a>	Numeric Versions

<a href="#">\$&lt;-</a>	Extract or Replace Parts of an Object
<a href="#">\$&lt;-.data.frame</a>	Extract or Replace Parts of a Data Frame
<a href="#">%%</a>	Arithmetic Operators
<a href="#">%*%</a>	Matrix Multiplication
<a href="#">%/%</a>	Arithmetic Operators
<a href="#">%in%</a>	Value Matching
<a href="#">%o%</a>	Outer Product of Arrays
<a href="#">%x%</a>	Kronecker Products on Arrays
<a href="#">&amp;</a>	Logical Operators
<a href="#">&amp;&amp;</a>	Logical Operators
<a href="#">&amp;.hexmode</a>	Display Numbers in Hexadecimal
<a href="#">&amp;.octmode</a>	Display Numbers in Octal
<a href="#">'</a>	Quotes
<a href="#">(</a>	Parentheses and Braces
<a href="#">*</a>	Arithmetic Operators
<a href="#">**</a>	Arithmetic Operators
<a href="#">*.difftime</a>	Time Intervals / Differences
<a href="#">±</a>	Arithmetic Operators
<a href="#">+.Date</a>	Operators on the Date Class
<a href="#">+.POSIXt</a>	Date-Time Classes
<a href="#">=</a>	Arithmetic Operators
<a href="#">-.Date</a>	Operators on the Date Class
<a href="#">-.POSIXt</a>	Date-Time Classes
<a href="#">-&gt;</a>	Assignment Operators
<a href="#">-&gt;&gt;</a>	Assignment Operators
<a href="#">...</a>	..., '..1', etc used in Functions
<a href="#">...elt</a>	..., '..1', etc used in Functions
<a href="#">...length</a>	..., '..1', etc used in Functions
<a href="#">...names</a>	..., '..1', etc used in Functions
<a href="#">..1</a>	..., '..1', etc used in Functions
<a href="#">..2</a>	..., '..1', etc used in Functions
<a href="#">..deparseOpts</a>	Options for Expression Deparsing
<a href="#">.amatch_bounds</a>	Approximate String Matching (Fuzzy Matching)
<a href="#">.amatch_costs</a>	Approximate String Matching (Fuzzy Matching)
<a href="#">.Autoloaded</a>	On-demand Loading of Packages
<a href="#">.AutoloadEnv</a>	On-demand Loading of Packages
<a href="#">.BaseNamespaceEnv</a>	Environment Access
<a href="#">.bincode</a>	Bin a Numeric Vector
<a href="#">.C</a>	Foreign Function Interface
<a href="#">.Call</a>	Modern Interfaces to C/C++ code
<a href="#">.Capabilities</a>	Report Capabilities of this Build of R
<a href="#">.Class</a>	Class Methods
<a href="#">.class2</a>	Object Classes

<a href="#">.col</a>	Column Indexes
<a href="#">.colMeans</a>	Form Row and Column Sums and Means
<a href="#">.colSums</a>	Form Row and Column Sums and Means
<a href="#">.conflicts.OK</a>	Attach Set of R Objects to Search Path
<a href="#">.decode_numeric_version</a>	Numeric Versions
<a href="#">.Defunct</a>	Marking Objects as Defunct
<a href="#">.deparseOpts</a>	Options for Expression Deparsing
<a href="#">.Deprecated</a>	Marking Objects as Deprecated
<a href="#">.Device</a>	Lists of Open/Active Graphics Devices
<a href="#">.Devices</a>	Lists of Open/Active Graphics Devices
<a href="#">.doTrace</a>	Interactive Tracing and Debugging of Calls to a Function or Method
<a href="#">.dynLibs</a>	Loading DLLs from Packages
<a href="#">.encode_numeric_version</a>	Numeric Versions
<a href="#">.expand_R_libs_env_var</a>	Search Paths for Packages
<a href="#">.External</a>	Modern Interfaces to C/C++ code
<a href="#">.First</a>	Initialization at Start of an R Session
<a href="#">.First.sys</a>	Initialization at Start of an R Session
<a href="#">.format.zeros</a>	Formatting Using C-style Formats
<a href="#">.Fortran</a>	Foreign Function Interface
<a href="#">.Generic</a>	Class Methods
<a href="#">.GlobalEnv</a>	Environment Access
<a href="#">.Group</a>	S3 Group Generic Functions
<a href="#">.handleSimpleError</a>	Condition Handling and Recovery
<a href="#">.Internal</a>	Call an Internal Function
<a href="#">.isOpen</a>	References to Source Files and Code
<a href="#">.kappa_tri</a>	Compute or Estimate the Condition Number of a Matrix
<a href="#">.kronecker</a>	Kronecker Products on Arrays
<a href="#">.Last</a>	Terminate an R Session
<a href="#">.Last.lib</a>	Hooks for Namespace Events
<a href="#">.Last.sys</a>	Terminate an R Session
<a href="#">.Last.value</a>	Value of Last Evaluated Expression
<a href="#">.LC.categories</a>	Query or Set Aspects of the Locale
<a href="#">.leap.seconds</a>	Date-Time Classes
<a href="#">.libPaths</a>	Search Paths for Packages
<a href="#">.Library</a>	Search Paths for Packages
<a href="#">.Library.site</a>	Search Paths for Packages
<a href="#">.Machine</a>	Numerical Characteristics of the Machine
<a href="#">.makeMessage</a>	Diagnostic Messages
<a href="#">.make_numeric_version</a>	Numeric Versions
<a href="#">.Method</a>	Class Methods
<a href="#">.noGenerics</a>	Loading/Attaching and Listing of Packages
<a href="#">.NotYetImplemented</a>	Not Yet Implemented Functions and Unused Arguments
<a href="#">.NotYetUsed</a>	Not Yet Implemented Functions and Unused Arguments

<a href="#">.onAttach</a>	Hooks for Namespace Events
<a href="#">.onDetach</a>	Hooks for Namespace Events
<a href="#">.onLoad</a>	Hooks for Namespace Events
<a href="#">.onUnload</a>	Hooks for Namespace Events
<a href="#">.Options</a>	Options Settings
<a href="#">.OptRequireMethods</a>	Initialization at Start of an R Session
<a href="#">.packages</a>	Listing of Packages
<a href="#">.packageStartupMessage</a>	Diagnostic Messages
<a href="#">.Platform</a>	Platform Specific Variables
<a href="#">.Primitive</a>	Look Up a Primitive Function
<a href="#">.Random.seed</a>	Random Number Generation
<a href="#">.Renviron</a>	Initialization at Start of an R Session
<a href="#">.rmpkg</a>	Give Search Path for R Objects
<a href="#">.row</a>	Row Indexes
<a href="#">.rowMeans</a>	Form Row and Column Sums and Means
<a href="#">.rowSums</a>	Form Row and Column Sums and Means
<a href="#">.Rprofile</a>	Initialization at Start of an R Session
<a href="#">.S3method</a>	Register S3 Methods
<a href="#">.S3PrimitiveGenerics</a>	Internal Generic Functions
<a href="#">.signalSimpleWarning</a>	Condition Handling and Recovery
<a href="#">.standard_regexps</a>	Miscellaneous Internal/Programming Utilities
<a href="#">.sys.timezone</a>	Time Zones
<a href="#">.Traceback</a>	Get and Print Call Stacks
<a href="#">.traceback</a>	Get and Print Call Stacks
<a href="#">.tryResumeInterrupt</a>	Condition Handling and Recovery
<a href="#">.unlist</a>	Flatten Lists
<a href="#">.userHooksEnv</a>	Functions to Get and Set Hooks for Load, Attach, Detach and Unload
<a href="#">.valid.factor</a>	Factors
<a href="#">.__H__.cbind</a>	Combine R Objects by Rows or Columns
<a href="#">.__H__.rbind</a>	Combine R Objects by Rows or Columns
<a href="#">/</a>	Arithmetic Operators
<a href="#">/.difftime</a>	Time Intervals / Differences
<a href="#">0x1</a>	Numeric Constants
<a href="#">1i</a>	Numeric Constants
<a href="#">1L</a>	Numeric Constants
<a href="#">:</a>	Colon Operator
<a href="#">::</a>	Double Colon and Triple Colon Operators
<a href="#">:::</a>	Double Colon and Triple Colon Operators
<a href="#">&lt;</a>	Relational Operators
<a href="#">&lt;=</a>	Assignment Operators
<a href="#">&lt;&lt;=</a>	Assignment Operators
<a href="#">&lt;=</a>	Relational Operators
<a href="#">≡</a>	Assignment Operators

<a href="#">==</a>	Relational Operators
<a href="#">&gt;</a>	Relational Operators
<a href="#">&gt;=</a>	Relational Operators
<a href="#">@</a>	Extract or Replace A Slot
<a href="#">@&lt;-</a>	Extract or Replace A Slot
<a href="#">[</a>	Extract or Replace Parts of an Object
<a href="#">[.AsIs</a>	Inhibit Interpretation/Conversion of Objects
<a href="#">[.data.frame</a>	Extract or Replace Parts of a Data Frame
<a href="#">[.Date</a>	Date Class
<a href="#">[.difftime</a>	Time Intervals / Differences
<a href="#">[.Dlist</a>	Extract or Replace Parts of an Object
<a href="#">[.DLLInfoList</a>	Get DLLs Loaded in Current Session
<a href="#">[.factor</a>	Extract or Replace Parts of a Factor
<a href="#">[.hexmode</a>	Display Numbers in Hexadecimal
<a href="#">[.listof</a>	Extract or Replace Parts of an Object
<a href="#">[.noquote</a>	Class for 'no quote' Printing of Character Strings
<a href="#">[.numeric_version</a>	Numeric Versions
<a href="#">[.octmode</a>	Display Numbers in Octal
<a href="#">[.POSIXct</a>	Date-Time Classes
<a href="#">[.POSIXlt</a>	Date-Time Classes
<a href="#">[.simple.list</a>	Extract or Replace Parts of an Object
<a href="#">[.table</a>	Cross Tabulation and Table Creation
<a href="#">[.warnings</a>	Print Warning Messages
<a href="#">[&lt;-</a>	Extract or Replace Parts of an Object
<a href="#">[&lt;-.data.frame</a>	Extract or Replace Parts of a Data Frame
<a href="#">[&lt;-.Date</a>	Date Class
<a href="#">[&lt;-.factor</a>	Extract or Replace Parts of a Factor
<a href="#">[&lt;-.numeric_version</a>	Numeric Versions
<a href="#">[&lt;-.POSIXct</a>	Date-Time Classes
<a href="#">[&lt;-.POSIXlt</a>	Date-Time Classes
<a href="#">[[</a>	Extract or Replace Parts of an Object
<a href="#">[[.data.frame</a>	Extract or Replace Parts of a Data Frame
<a href="#">[[.Date</a>	Date Class
<a href="#">[[.factor</a>	Extract or Replace Parts of a Factor
<a href="#">[[.numeric_version</a>	Numeric Versions
<a href="#">[[.POSIXct</a>	Date-Time Classes
<a href="#">[[.POSIXlt</a>	Date-Time Classes
<a href="#">^</a>	Arithmetic Operators
<a href="#">`</a>	Quotes
<a href="#">{</a>	Parentheses and Braces
<a href="#"> </a>	Logical Operators
<a href="#"> .hexmode</a>	Display Numbers in Hexadecimal
<a href="#"> .octmode</a>	Display Numbers in Octal

[|>](#)

Forward Pipe Operator

[||](#)

Logical Operators

[~](#)

Tilde Operator