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**Benchmark** Library

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*Functions:*

- ❖ `rigElapsedTime(startMarker, endMarker)`

*Commands:*

- ❖ `rigTimeMark` marker
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**Captcha** Library

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*Functions:*

- ❖ `rigCaptchaStyle()`
- ❖ `rigGetCaptchaHash()`
- ❖ `rigGetCaptchaNum()`
- ❖ `rigCaptcha()`
- ❖ `rigCaptchaMathProblem([pNumOperators])`
- ❖ `rigValidCaptchaUserInput(userInput, hiddenHashField)`

*Commands:*

- ❖ `rigInitCaptcha` config
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**Calendaring** Library

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*Functions:*

- ❖ `rigCalGenerate([year, month], cellDataArray)`



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**Config** Library

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*Functions:*

- ❖ `rigFetchConfigItem(configArrayIndex[, customConfigArray])`
- ❖ `rigLoadConfigFile(fileName[, storeAsConfigIndex][, suppressErrors])`
- ❖ `rigSiteURL()`
- ❖ `rigSystemURL()`

*Commands:*

- ❖ `rigSetConfigItem` name, value
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**Database** Library Active Record

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*Functions:*

- ❖ `rigDbCountAllResults([table])`
- ❖ `rigDbDelete([table][, whereClause])`
- ❖ `rigDbEmptyTable([table])`
- ❖ `rigDbGet([table][, limit][, offset])`

- ❖ `rigDbGetWhere([table], whereClause[, limit][, offset])`
- ❖ `rigDbInsert(table, dataArray, lastInsertID)`
- ❖ `rigDbPrefix(table)`
- ❖ `rigDbTruncate([table])`
- ❖ `rigDbUpdate(table, data[, whereClause])`
- ❖ `rigDbValuesSet({field, value | fieldValueArray}[, escape])`

*Commands:*

- ❖ `rigDbDistinct`
- ❖ `rigDbFlushCache`
- ❖ `rigDbFrom` table
- ❖ `rigDbGroupBy {field | fieldValueArray}`
- ❖ `rigDbHaving {field, value | havingClause | fieldValueArray} [, escape]`
- ❖ `rigDbJoin` table, onClause[, option]
- ❖ `rigDbLike` field, match[, option]
- ❖ `rigDbLimit` limit[, offset]
- ❖ `rigDbNotLike` field, match[, option]
- ❖ `rigDbOrderBy {field, option | field option, field option ...}`
- ❖ `rigDbOrHaving {field, value | havingClause | fieldValueArray} [, escape]`
- ❖ `rigDbOrLike` field, match[, option]
- ❖ `rigDbOrNotLike` field, match[, option]
- ❖ `rigDbOrWhere {field, value | fieldValueArray | customClause}`
- ❖ `rigDbOrWhereIn` field, valueArray
- ❖ `rigDbOrWhereNotIn` field, valueArray

- ❖ rigDbSelect fieldsList[, protect]
- ❖ rigDbStartCache
- ❖ rigDbStopCache
- ❖ rigDbWhere {field, value | fieldValueArray | customClause}
- ❖ rigDbWhereIn field, valueArray
- ❖ rigDbWhereNotIn field, valueArray
- ❖ rigSelectAvg field
- ❖ rigSelectMax field[, newFieldName]
- ❖ rigSelectMin field[, newFieldName]
- ❖ rigSelectSum field[, newFieldName]

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## Database Library Driver

### Functions:

- ❖ rigDbAffectedRows()
- ❖ rigDbCacheOff()
- ❖ rigDbCacheOn()
- ❖ rigDbEscape(string)
- ❖ rigDbFieldData(table)
- ❖ rigDbFieldExists(field, table)
- ❖ rigDbInsertString(table, dataArray)
- ❖ rigDbLastQuery()
- ❖ rigDbListFields(table)
- ❖ rigDbListTables()
- ❖ rigDbPlatform()
- ❖ rigDbQuery(query)

- ❖ rigDbSimpleQuery(query)
- ❖ rigDbTableExists(table)
- ❖ rigDbTransStatus()
- ❖ rigDbUpdateString(table, dataArray, whereClause)
- ❖ rigDbVersion()
- ❖ rigEscapeLikeStr(string)
- ❖ rigProtectIdentifiers(table[, prefix])
- ❖ rigTransComplete()

### Commands:

- ❖ rigDbCacheDelete segmentsList
- ❖ rigDbCacheDeleteAll fileNameToExclude
- ❖ rigDbTransOff
- ❖ rigDbTransStart
- ❖ rigDbTransStrict {TRUE | FALSE}

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## Database Library Result

### Functions:

- ❖ rigDbCurrentRow()
- ❖ rigDbFirstRow()
- ❖ rigDbLastRow()
- ❖ rigDbNextRow()
- ❖ rigDbPreviousRow()
- ❖ rigDBresult()
- ❖ rigDbRow([rowNumber])

## Email Library

### Functions:

- ❖ rigMailSend()
- ❖ rigPrintMailDebugger()

### Commands:

- ❖ rigClearMail [clearAttachments]
- ❖ rigInitializeMail configArray
- ❖ rigMailAttach filePath
- ❖ rigMailBcc {email |emailList |emailArray}
- ❖ rigMailCC {email |emailList |emailArray}
- ❖ rigMailFrom email, name
- ❖ rigMailMessage message
- ❖ rigMailSubject subject
- ❖ rigMailTo {email |emailList |emailArray}
- ❖ rigReplyTo email, name
- ❖ rigSet\_sAltMessage altMessage

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## Encrypt Library

### Functions:

- ❖ rigDecode(string)
- ❖ rigEncode(string[, encryptionKey])
- ❖ rigSetCipher name, keyLength

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**File Uploading** Library*Functions:*

- ❖ rigDisplayUploadErrors([openTag, closeTag])
- ❖ rigUploadData()

*Commands:*

- ❖ rigDoUpload {fieldname}
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**Formvalidation** Library*Functions:*

- ❖ rigFormValidRun([validationGroup])

*Commands:*

- ❖ rigSetErrorDelimiters openTag, closeTag
  - ❖ rigSetMessage rule, message
  - ❖ rigSetRules {fieldName, humanName, rules | rulesArray}
  - ❖ rigSetPrefilledValues defaultFormFieldValues
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**HTML Table** Library*Functions:*

- ❖ rigGenerateTable([dataArray])

- ❖ rigMakeTableColumns(dataArray, numberOfColumns)

*Commands:*

- ❖ rigAddTableRow {valuesList | valuesArray}
  - ❖ rigClearTableVars
  - ❖ rigSetEmptyCellVal value
  - ❖ rigSetTableCaption value
  - ❖ rigSetTableHeading {valuesList | valuesArray, firstCharUppercase}
  - ❖ rigSetTableTemplate templateData
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**Image** Library*Functions:*

- ❖ rigDisplayImgErrors([openTag, closeTag])
- ❖ rigImageCrop()
- ❖ rigImageResize()
- ❖ rigImageRotate()
- ❖ rigImageWatermark()
- ❖ rigIMknownFonts()
- ❖ rigIMversion()

*Commands:*

- ❖ rigImageNewSettings configArray
  - ❖ rigImgClear
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**Input** Library*Functions:*

- ❖ rigIpAddress()
  - ❖ rigUserAgent()
  - ❖ rigValidIP(ip[,which])
  - ❖ rigVarCookie(name, xssFilter)
  - ❖ rigVarGet(name, xssFilter)
  - ❖ rigVarGetPost(name, xssFilter)
  - ❖ rigVarPost(name, xssFilter)
  - ❖ rigVarServer(name)
  - ❖ rigXssClean(data[, testImage])
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**Jquery** Library*Functions:*

- ❖ rigJQsource()
- ❖ rigJQalertR(alert)
- ❖ rigJQconfirmR(variableName, question, {TRUE | FALSE})
- ❖ rigJQpromptR(variableName, prompt [, defaultValue][, {TRUE | FALSE}])
- ❖ rigJQsetR(selector, method, propertyValues [, {TRUE | FALSE}][, {TRUE | FALSE}])
- ❖ rigJQgetR(selector, method [, property])
- ❖ rigJQeffectR(selector, effect [, duration][, callback])

- ❖ `rigJQanimateR(selector, properties [, duration][, easing][, callback])`
- ❖ `rigJQajaxR(options [, {TRUE | FALSE}])`
- ❖ `rigJQxhrRequestR(type [, URI][, data][, callback][, dataType][, selector])`
- ❖ `rigJQconditionR(condition, ifAction [, elseAction])`
- ❖ `rigJQeachOpenR([selector][, collection], callback)`
- ❖ `rigJQeachCloseR()`

#### Commands:

- ❖ `rigJQopen`
- ❖ `rigJQclose`
- ❖ `rigJQajaxForm submitBtnSelector, selectorList, postURI [, {TRUE | FALSE}][, dataToLoadURI][, dataContainerSelector]`
- ❖ `rigJQeventAlert selector, eventType, alert [, {TRUE | FALSE}][, eventData]`
- ❖ `rigJQalert alert`
- ❖ `rigJQconfirm variableName, question, {TRUE | FALSE}`
- ❖ `rigJQprompt variableName, prompt [, defaultValue][, {TRUE | FALSE}]`
- ❖ `rigJQset selector, method, propertyValues [, {TRUE | FALSE}][, {TRUE | FALSE}]`
- ❖ `rigJQeventOpen selector, event [, {TRUE | FALSE}][, eventData][, eventObject][, functionArguments]`
- ❖ `rigJQeventClose`

- ❖ `rigJQeventEffect triggerSelector, targetSelector, eventType, effect [, effectParameter][, {TRUE | FALSE}][, callback]`
- ❖ `rigJQeffect selector, effect [, duration][, callback]`
- ❖ `rigJQeventAnim triggerSelector, targetSelector, event, cssProperties [, duration][, easing][, callback]`
- ❖ `rigJQanimate selector, properties [, duration][, easing][, callback]`
- ❖ `rigJQajax ajaxOptions [, {TRUE | FALSE}]`
- ❖ `rigJQxhrRequest type [, URI][, data][, callback][, dataType][, selector]`
- ❖ `rigJQcallFunction [selector], functionName, functionArguments`
- ❖ `rigJQfunctionOpen functionName [, functionArguments]`
- ❖ `rigJQfunctionClose`
- ❖ `rigJQcb`
- ❖ `rigJQcondition condition, ifAction [, elseAction]`
- ❖ `rigJQeachOpen [selector][, collection], callback`
- ❖ `rigJQeachClose`
- ❖ `rigJQvar variables`
- ❖ `rigJQaddStatement statement`

## Language Library

#### Functions:

- ❖ `rigLangLangLine(languageArrayKey)`
- ❖ `rigLangLoadLang(name, language)`

## Loader Library

#### Functions:

- ❖ `rigLoadDatabase({connectArray | dsn}, returnID, enableActiveRecord)`
- ❖ `rigLoadView(name, returnData)`

#### Commands:

- ❖ `rigLoadConfig name`
- ❖ `rigLoaderLoadLibrary name[, configArray]`
- ❖ `rigLoadHelper name`
- ❖ `rigLoadLanguage name, language`
- ❖ `rigLoadModel name`
- ❖ `rigLoadPlugin name`
- ❖ `rigLoadStack name[, configArray] [, "front" | "behind"]`

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**Output** Library*Functions:*

- ❖ `rigGetOutput()`

*Commands:*

- ❖ `rigEnableProfiler {TRUE | FALSE}`
  - ❖ `rigOutputCache minutes`
  - ❖ `rigSetHeader data`
  - ❖ `rigSetOutput data`
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**Pagination** Library*Functions:*

- ❖ `rigCreatePaginationLinks()`

*Commands:*

- ❖ `rigInitializePagination configArray`

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**Session** Library*Functions:*

- ❖ `rigSessFlashdata(item)`
- ❖ `rigSessUserdata(item)`

*Commands:*

- ❖ `rigKeepSessFlashdata item`
  - ❖ `rigSessDestroy`
  - ❖ `rigSetSessFlashdata {item, value | itemValueArray}`
  - ❖ `rigSetSessUserdata {item, value | itemValueArray}`
  - ❖ `rigUnsetSessUserdata {item | itemArray}`
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**URI** Library*Functions:*

- ❖ `rigAssocToURI(array)`
- ❖ `rigFetchRsegment(segmentNumber[, default])`
- ❖ `rigFetchSegment(segmentNumber[, default])`
- ❖ `rigRSegmentArray()`
- ❖ `rigRuriString()`
- ❖ `rigRuriToAssoc(offset[, defaultKeyNames])`
- ❖ `rigSegmentArray()`
- ❖ `rigSlashRsegment(segmentNumber[, slashPosition])`
- ❖ `rigSlashSegment(segmentNumber[, slashPosition])`
- ❖ `rigTotalRsegments()`
- ❖ `rigTotalSegments()`
- ❖ `rigUriString()`
- ❖ `rigUriToAssoc(offset[, defaultKeyNames])`

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**Useragent** Library*Functions:*

- ❖ `rigAcceptCharset(charSet)`
  - ❖ `rigAcceptLang(language)`
  - ❖ `rigAgentPlatform()`
  - ❖ `rigAgentString()`
  - ❖ `rigBrowser()`
  - ❖ `rigBrowserVersion()`
  - ❖ `rigIsBrowser()`
  - ❖ `rigIsMobile()`
  - ❖ `rigIsReferral()`
  - ❖ `rigIsRobot()`
  - ❖ `rigMobile()`
  - ❖ `rigReferrer()`
  - ❖ `rigRobot()`
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