
Authentication Library*Functions:*

- ❖ `rigAuthActivate(id[, code])`
- ❖ `rigAuthChangePassword(identity, oldPassword, newPassword)`
- ❖ `rigAuthClearForgottenPasswordCode(code)`
- ❖ `rigAuthClearLoginAttempts(identity[, exoirePeriod])`
- ❖ `rigAuthClearOTP([id])`
- ❖ `rigAuthDeactivate(id)`
- ❖ `rigAuthDeleteUser(id)`
- ❖ `rigAuthEmailCheck(email)`
- ❖ `rigAuthErrors([prefix][, suffix])`
- ❖ `rigAuthFetchConfigItem(item[, index])`
- ❖ `rigAuthForgottenPassword(identity [, extraData])`
- ❖ `rigAuthForgottenPasswordCheck(code)`
- ❖ `rigAuthGenerateQR([account])`
- ❖ `rigAuthGetAttemptsNum(identity)`
- ❖ `rigAuthGroup(id)`
- ❖ `rigAuthGroups()`
- ❖ `rigAuthIdentityCheck(identity)`
- ❖ `rigAuthIncreaseLoginAttempts(identity)`
- ❖ `rigAuthInGroup(group[, id])`
- ❖ `rigAuthIsAdmin([id])`
- ❖ `rigAuthIsMaxLoginAttemptsExceeded(ident)`
- ❖ `rigAuthLoggedIn()`
- ❖ `rigAuthLogin(identity, password[, remember])`



- ❖ `rigAuthMessages([prefix][, suffix])`
- ❖ `rigAuthOTPkeysMatch(challenge)`
- ❖ `rigAuthRegister(username, password, email[, extraData][, groupName])`
- ❖ `rigAuthRemoveFromGroup(groupIDs, userID)`
- ❖ `rigAuthResetPassword(identity, newPassword)`
- ❖ `rigAuthSetErrorDelimiters(startDelimiter, endDelimiter)`
- ❖ `rigAuthUpdate(id, data)`
- ❖ `rigAuthUser([id])`
- ❖ `rigAuthUserGroups([id])`
- ❖ `rigAuthUserHasOTP([id])`
- ❖ `rigAuthUsers([groupIDs])`
- ❖ `rigAuthUsernameCheck(username)`

Commands:

- ❖ `rigAuthSetErrorDelimiters startDelimiter, endDelimiter`
 - ❖ `rigAuthLogout`
 - ❖ `rigAuthSetMessageDelimiters startDelimiter, endDelimiter`
-

Benchmark Library*Functions:*

- ❖ `rigElapsedTime(startMarker, endMarker)`

Commands:

- ❖ `rigTimeMark marker`
-

Captcha Library*Functions:*

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

Commands:

- ❖ `rigInitCaptcha config`
-

Calendaring Library*Functions:*

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

Config Library*Functions:*

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

Commands:

- ❖ `rigSetConfigItem name, value[, configName]`
`[, moduleName]`
-

Content Security Policy Library*Functions:*

- ❖ `rigCspGet(directive[, mode])`
-

Commands:

- ❖ `rigCspSet directive, value[, mode]`
 - ❖ `rigCspAdd directive, value[, mode]`
-

Database Library Active Record*Functions:*

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

Commands:

- ❖ `rigDbCloseParenthesis`
 - ❖ `rigDbDistinct`
 - ❖ `rigDbFlushCache`
 - ❖ `rigDbFrom table`
 - ❖ `rigDbGroupBy {field | fieldArray}`
-

- ❖ `rigDbHaving {field, value | havingClause |`
`fieldValueArray} [, escape]`
 - ❖ `rigDbJoin table, condition[, option][,escape]`
 - ❖ `rigDbLike field, match[, option]`
 - ❖ `rigDbLimit limit[, offset]`
 - ❖ `rigDbNotLike field, match[, option]`
 - ❖ `rigDbOpenParenthesis`
 - ❖ `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]`
-

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])
- ❖ rigSqlDateTimeToIntDate(string)
- ❖ rigTransComplete()
- ❖ rigDbGetPragma(pragma)

Commands:

- ❖ rigDbCacheDelete segmentsList
- ❖ rigDbCacheDeleteAll fileNameToExclude

- ❖ rigDbTransOff
 - ❖ rigDbTransStart
 - ❖ rigDbTransStrict {TRUE | FALSE}
 - ❖ rigDbSetPragma pragma, value
-

Database Library Result*Functions:*

- ❖ rigDbCurrentRow()
 - ❖ rigDbFirstRow()
 - ❖ rigDbLastRow()
 - ❖ rigDbNextRow()
 - ❖ rigDbPreviousRow()
 - ❖ rigDbResult([changeFieldsListDelimiter])
 - ❖ 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_altMessage altMessage
-

Encrypt Library*Functions:*

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

File Uploading Library*Functions:*

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

Commands:

- ❖ rigDoUpload {fieldname}
-

Formvalidation Library*Functions:*

- ❖ `rigFormError(fieldName)`
- ❖ `rigFormValidRun([validationGroup])`
- ❖ `rigSetCheckbox(name, value[, bool])`
- ❖ `rigSetRadio(name, value[, bool])`
- ❖ `rigSetSelect(name, value[, bool])`
- ❖ `rigSetValue(name[, value])`
- ❖ `rigValidationErrors()`

Commands:

- ❖ `rigAddValidationGrp [group]`
 - ❖ `rigAddValidationRules field, label, rules, confArrayName`
 - ❖ `rigSetErrorDelimiters openTag, closeTag`
 - ❖ `rigSetMessage rule, message`
 - ❖ `rigSetRules {fieldName, humanName, rules | rulesArray}`
 - ❖ `rigSetPrefilledValues defaultFormFieldValues`
-

FTP Library*Functions:*

- ❖ `rigFtpPrintDebugger([messageType])`

Commands:

- ❖ `rigFtpUpload localPath, remotePath[, {TRUE | FALSE}][, {TRUE | FALSE}][, octal]`
 - ❖ `rigFtpDownload remotePath, localPath`
 - ❖ `rigFtpRenameMove oldFilePath, newFilePath[, {TRUE | FALSE}]`
 - ❖ `rigFtpDeleteFile filePath`
 - ❖ `rigFtpDeleteFolder folderPath[, {TRUE | FALSE}][, {TRUE | FALSE}]`
 - ❖ `rigFtpListFiles folderPath[, {TRUE | FALSE}]`
 - ❖ `rigFtpMirror localPath, remotePath`
 - ❖ `rigFtpCreateFolder folderPath[, octal]`
 - ❖ `rigFtpSetPermissions path, octal`
 - ❖ `rigFtpChangeDir folderPath`
 - ❖ `rigFtpClose`
-

HTML Table Library*Functions:*

- ❖ `rigGenerateTable([dataArray])`
- ❖ `rigMakeTableColumns(dataArray, numberOfColumns)`

Commands:

- ❖ `rigAddTableRow {valuesList | valuesArray}`
- ❖ `rigClearTableVars`
- ❖ `rigSetEmptyCellVal value`
- ❖ `rigSetTableCaption value`

- ❖ `rigSetTableHeading {valuesList | valuesArray, firstCharUppercase}`
 - ❖ `rigSetTableTemplate templateData`
-

Image Library*Functions:*

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

Commands:

- ❖ `rigImageNewSettings configArray`
 - ❖ `rigImgClear`
-

Input Library*Functions:*

- ❖ `rigIpAddress()`
- ❖ `rigSanitizeFilename(fileName[, relativePath])`
- ❖ `rigUserAgent()`

- ❖ `rigValidIP(ip[,which])`
 - ❖ `rigVarCookie(name, xssFilter)`
 - ❖ `rigVarGet(name, xssFilter)`
 - ❖ `rigVarGetPost(name, xssFilter)`
 - ❖ `rigVarPost(name, xssFilter)`
 - ❖ `rigVarServer(name)`
 - ❖ `rigXssClean(data[, testImage])`
-

Jquery Library

Functions:

- ❖ `rigJQuerysource([nonce])`
- ❖ `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(ajaxOptions [, {TRUE | FALSE}])`
- ❖ `rigJQxhrRequestR(type [, URI][, data][, callback][, dataType][, selector])`
- ❖ `rigJQconditionR(condition, ifAction [, elseAction])`

- ❖ `rigJQeachOpenR([selector][, collection], callback)`
- ❖ `rigJQeachCloseR()`

Commands:

- ❖ `rigJQopen [nonce]`
- ❖ `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"]
-

Modules Library*Commands:*

- ❖ `rigLoadModule` segments

Functions:

- ❖ `rigFetchModuleSegment`(number,
noResultValue)
- ❖ `rigModuleUriToAssoc`(segmentOffset,
defaultArray)

- ❖ `rigRunModule`(segments[, paramsArray])
-

Output Library*Functions:*

- ❖ `rigGetOutput`()

Commands:

- ❖ `rigEnableProfiler` {TRUE | FALSE}
 - ❖ `rigOutputCache` minutes
 - ❖ `rigSetHeader` data
 - ❖ `rigSetStatusHeader` code[, data]
 - ❖ `rigSetOutput` data
-

Pagination Library*Functions:*

- ❖ `rigCreatePaginationLinks`()
- ❖ `rigAjaxPaginationCode`([nonce])

Commands:

- ❖ `rigInitializePagination` configArray
 - ❖ `rigAjaxPagination` paginationData,
paginationLinks
-

Session Library*Functions:*

- ❖ `rigSessFlashdata`([item])
- ❖ `rigSessTempdata`([item])
- ❖ `rigSessUserdata`([item])

Commands:

- ❖ `rigKeepSessFlashdata` item
 - ❖ `rigSessCreate`
 - ❖ `rigSessDestroy`
 - ❖ `rigSessMarkAsFlash` {item | itemArray}
 - ❖ `rigSessMarkAsTemp` {item[, seconds] |
itemArray[, seconds]}
 - ❖ `rigSetSessFlashdata` {item, value |
itemValueArray}
 - ❖ `rigSetSessTempdata` {item, value[, seconds] |
itemValueArray[, , seconds]}
 - ❖ `rigSetSessUserdata` {item, value |
itemValueArray}
 - ❖ `rigUnsetSessUserdata` {item | itemArray}
-

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])`
-

- ❖ `rigBrowser()`
 - ❖ `rigBrowserVersion()`
 - ❖ `rigIsBrowser()`
 - ❖ `rigIsMobile()`
 - ❖ `rigIsReferral()`
 - ❖ `rigIsRobot()`
 - ❖ `rigMobile()`
 - ❖ `rigReferrer()`
 - ❖ `rigRobot()`
-

Useragent Library*Functions:*

- ❖ `rigAcceptCharset(charSet)`
- ❖ `rigAcceptLang(language)`
- ❖ `rigAgentPlatform()`
- ❖ `rigAgentString()`