
Benchmark Library

Functions:

- ❖ `elapsedTime(startMarker, endMarker)`

Commands:

- ❖ `timeMark` marker
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Captcha Library

Functions:

- ❖ `captchaStyle()`
- ❖ `getCaptchaHash()`
- ❖ `getCaptchaNum()`
- ❖ `riCaptcha()`
- ❖ `validCaptchaUserInput(userInput, hiddenHashField)`

Commands:

- ❖ `initCaptcha` config
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Config Library

Functions:

- ❖ `fetchConfigItem(configArrayIndex[, customConfigArray])`
- ❖ `loadConfigFile(fileName[, storeAsConfigIndex][, suppressErrors])`
- ❖ `siteURL()`
- ❖ `systemURL()`

Commands:

- ❖ `setConfigItem` name, value
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Database Library Active Record

Functions:

- ❖ `dbCountAllResults([table])`
- ❖ `dbDelete([table][, whereClause])`
- ❖ `dbEmptyTable([table])`
- ❖ `dbGet([table][, limit][, offset])`

- ❖ `dbGetWhere([table], whereClause[, limit][, offset])`
- ❖ `dbInsert(table, dataArray)`
- ❖ `dbPrefix(table)`
- ❖ `dbTruncate([table])`
- ❖ `dbUpdate(table, data[, whereClause])`
- ❖ `dbValuesSet({field, value | fieldValueArray}[, escape])`

Commands:

- ❖ `dbDistinct`
- ❖ `dbFlushCache`
- ❖ `dbFrom` table
- ❖ `dbGroupBy` {field | fieldArray}
- ❖ `dbHaving` {field, value | havingClause | fieldValueArray} [, escape]
- ❖ `dbJoin` table, onClause[, option]
- ❖ `dbLike` field, match[, option]
- ❖ `dbLimit` limit[, offset]
- ❖ `dbNotLike` field, match[, option]
- ❖ `dbOrderBy` {field, option | field option, field option ...}
- ❖ `dbOrHaving` {field, value | havingClause | fieldValueArray} [, escape]
- ❖ `dbOrLike` field, match[, option]
- ❖ `dbOrNotLike` field, match[, option]
- ❖ `dbOrWhere` {field, value | fieldValueArray | customClause}
- ❖ `dbOrWhereIn` field, valueArray
- ❖ `dbOrWhereNotIn` field, valueArray

- ❖ dbSelect fieldsList[, protect]
 - ❖ dbStartCache
 - ❖ dbStopCache
 - ❖ dbWhere {field, value | fieldValueArray | customClause}
 - ❖ dbWhereIn field, valueArray
 - ❖ dbWhereNotIn field, valueArray
 - ❖ selectAvg field
 - ❖ selectMax field[, newFieldName]
 - ❖ selectMin field[, newFieldName]
 - ❖ selectSum field[, newFieldName]
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Database Library Driver

Functions:

- ❖ dbAffectedRows()
- ❖ dbCacheOff()
- ❖ dbCacheOn()
- ❖ dbEscape(string)
- ❖ dbFieldData(table)
- ❖ dbFieldExists(field, table)
- ❖ dbInsertString(table, dataArray)
- ❖ dbLastQuery()
- ❖ dbListFields(table)
- ❖ dbListTables()
- ❖ dbPlatform()
- ❖ dbQuery(query)

- ❖ dbSimpleQuery(query)
- ❖ dbTableExists(table)
- ❖ dbTransStatus()
- ❖ dbUpdateString(table, dataArray, whereClause)
- ❖ dbVersion()
- ❖ escapeLikeStr(string)
- ❖ protectIdentifiers(table[, prefix])
- ❖ transComplete()

Commands:

- ❖ dbCacheDelete segmentsList
 - ❖ dbCacheDeleteAll fileNameToExclude
 - ❖ dbTransOff
 - ❖ dbTransStart
 - ❖ dbTransStrict {TRUE | FALSE}
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Database Library Result

Functions:

- ❖ dbCurrentRow()
- ❖ dbFirstRow()
- ❖ dbLastRow()
- ❖ dbNextRow()
- ❖ dbPreviousRow()
- ❖ DBresult()
- ❖ dbRow([rowNumber])

Email Library

Functions:

- ❖ mailSend()
- ❖ printMailDebugger()

Commands:

- ❖ clearMail [clearAttachements]
 - ❖ initializeMail configArray
 - ❖ mailAttach filePath
 - ❖ mailBcc {email |emailList |emailArray}
 - ❖ mailCC {email |emailList |emailArray}
 - ❖ mailFrom email, name
 - ❖ mailMessage message
 - ❖ mailSubject subject
 - ❖ mailTo {email |emailList |emailArray}
 - ❖ replyTo email, name
 - ❖ set_sAltMessage altMessage
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Encrypt Library

Functions:

- ❖ decode(string)
 - ❖ encode(string[, encryptionKey])
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Formvalidation Library

Functions:❖ `formValidRun([validationGroup])`*Commands:*❖ `setErrorDelimiters` openTag, closeTag
❖ `setMessage` rule, message
❖ `setRules` {fieldName, humanName, rules | rulesArray}

HTML Table Library

Functions:❖ `generateTable([dataArray])`
❖ `makeTableColumns`(dataArray, numberOfColumns)*Commands:*❖ `addTableRow` {valuesList | valuesArray}
❖ `clearTableVars`
❖ `setEmptyCellVal` value
❖ `setTableCaption` value
❖ `setTableHeading` {valuesList | valuesArray}
❖ `setTableTemplate` templateData

Image Library

Functions:❖ `displayImgErrors`([openTag, closeTag])
❖ `imageCrop`()
❖ `imageResize`()
❖ `imageRotate`()
❖ `imageWatermark`()
❖ `IMknownFonts`()
❖ `IMversion`()*Commands:*❖ `imageNewSettings` configArray
❖ `imgClear`

Input Library

Functions:❖ `ipAddress`()
❖ `userAgent`()
❖ `validIP`(ip)
❖ `varCookie`(name, xssFilter)
❖ `varGet`(name, xssFilter)
❖ `varGetPost`(name, xssFilter)
❖ `varPost`(name, xssFilter)
❖ `varServer`(name)
❖ `xssClean`(data[, testImage])

Language Library

Functions:❖ `langLangLine`(languageArrayKey)
❖ `langLoadLang`(name, language)

Loader Library

Functions:❖ `loadDatabase`({connectArray | dsn}, returnID, enableActiveRecord)
❖ `loadView`(name, returnData)*Commands:*❖ `loadConfig` name
❖ `loaderLoadLibrary` name[, configArray]
❖ `loadHelper` name
❖ `loadLanguage` name, language
❖ `loadModel` name
❖ `loadPlugin` name

Output Library

Functions:

- ❖ `getOutput()`

Commands:

- ❖ `enableProfiler {TRUE | FALSE}`
 - ❖ `outputCache minutes`
 - ❖ `setHeader data`
 - ❖ `setOutput data`
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Pagination Library

Functions:

- ❖ `createPaginationLinks()`

Commands:

- ❖ `initializePagination configArray`
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Session Library

Functions:

- ❖ `sessFlashdata(item)`
- ❖ `sessUserdata(item)`

Commands:

- ❖ `keepSessFlashdata item`
 - ❖ `sessDestroy`
 - ❖ `setSessFlashdata {item, value | itemValueArray}`
 - ❖ `setSessUserdata {item, value | itemValueArray}`
 - ❖ `unsetSessUserdata {item | itemArray}`
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URI Library

Functions:

- ❖ `assocToURI(array)`
- ❖ `fetchRsegment(segmentNumber[, default])`
- ❖ `fetchSegment(segmentNumber[, default])`
- ❖ `rSegmentArray()`
- ❖ `ruriString()`
- ❖ `ruriToAssoc(offset[, defaultKeyNames])`
- ❖ `segmentArray()`

- ❖ `slashRsegment(segmentNumber[, slashPosition])`
 - ❖ `slashSegment(segmentNumber[, slashPosition])`
 - ❖ `totalRsegments()`
 - ❖ `totalSegments()`
 - ❖ `uriString()`
 - ❖ `uriToAssoc(offset[, defaultKeyNames])`
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Useragent Library

Functions:

- ❖ `acceptCharset(charSet)`
 - ❖ `acceptLang(language)`
 - ❖ `agentPlatform()`
 - ❖ `agentString()`
 - ❖ `browser()`
 - ❖ `browserVersion()`
 - ❖ `isBrowser()`
 - ❖ `isMobile()`
 - ❖ `isReferral()`
 - ❖ `isRobot()`
 - ❖ `mobile()`
 - ❖ `referrer()`
 - ❖ `robot()`
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