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## Array Helper

### Functions:

- ❖ `rigArrayElement(index, array[, defaultValur])`
  - ❖ `rigArrayKeys()`
  - ❖ `rigArrayRandElement(array)`
  - ❖ `rigArraySplice(array, offset, length)`
  - ❖ `rigArrayValues()`
  - ❖ `rigElementsList(array)`
  - ❖ `rigImplode(array, glue)`
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## Asset Helper

### Functions:

- ❖ `rigAddFavicon([, module][, cacheBuster])`
  - ❖ `rigCssAsset(asset[, attributes][, module][, cacheBuster])`
  - ❖ `rigDynamicCssAsset(asset[, attributes][, module][, cacheBuster])`
  - ❖ `rigImgAssetURL(asset[, module][, cacheBuster])`
  - ❖ `rigImageAsset(asset[, attributes][, module][, cacheBuster])`
  - ❖ `rigJsAsset(asset[, module][, cacheBuster][, attribute])`
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### Commands:

- ❖ `rigWriteManifest resourcesDir, manifestName[, useAbsoluteURI][, resourcesOnlineOnly][, fallbackResources][, dirToIgnore]`
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## Cookie Helper

### Functions:

- ❖ `rigGetCookie(name[, xssFilter])`

### Commands:

- ❖ `rigDeleteCookie {name | valueArray | name, domain, path, prefix}`
  - ❖ `rigSetCookie {name, value | valueArray | name, value[, expiration][, domain][, path][, prefix][, overwrite][, secure][, httponly][, samesite]}`
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## Date Helper

### Functions:

- ❖ `rigNow()`
  - ❖ `rigMdate(dateString[, time])`
  - ❖ `rigStandardDate(format, time)`
  - ❖ `rigLocalToGMT([time])`
  - ❖ `rigGmtToLocal([time][, timeZone][, DST])`
  - ❖ `rigMysqlTimeToSeconds(mysqlTime)`
  - ❖ `rigTimestampToHuman(time[, showSecs][, format])`
  - ❖ `rigHumanToTimestamp(datestring)`
  - ❖ `rigTimespan(seconds, time)`
  - ❖ `rigDaysInMonth(month, year)`
  - ❖ `rigTimezones([timezone])`
  - ❖ `rigTimezoneMenu([default][, class][, name])`
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## Download Helper

### Commands:

- ❖ `rigForceDownload name, data`
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**Email** Helper

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*Functions:*

- ❖ `rigSendEmail(recipient, subject, message, sender[, cc][, bcc])`
  - ❖ `rigValidEmail(emailAddress)`
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**File** Helper

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*Functions:*

- ❖ `rigGetDirFileInfo(path)`
- ❖ `rigGetFileInfo(path[, explicitInfo])`
- ❖ `rigGetFileNames(path)`
- ❖ `rigGetMimeByExtension(file)`
- ❖ `rigReadBinFile(path)`
- ❖ `rigReadFile(path)`
- ❖ `rigSymbolicPermissions(octalValue)`
- ❖ `rigWriteFile(path, data)`

*Commands:*

- ❖ `rigDeleteFiles path[, recursive][, excludeName]`
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**Form** Helper

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*Functions:*

- ❖ `rigFormButton({name, content | contentArray}[, additionalData])`
- ❖ `rigFormCheckbox({name, value | nameValueArray}[, checked][, additionalData])`
- ❖ `rigFormClose([string])`
- ❖ `rigFormDropDown(name, optionsArray, {selectedValue | selectedValuesArray}[, attributes][, sortType])`
- ❖ `rigFormFieldset(string[, attributesArray])`
- ❖ `rigFormFieldsetClose([string])`
- ❖ `rigFormHidden({name, value | nameValueArray})`
- ❖ `rigFormInput({name, value | nameValueArray}[, attributesArray])`
- ❖ `rigFormLabel(string, name[, attributesArray])`
- ❖ `rigFormMultiselect (name[, optionsArray, {selectedValue | selectedValuesArray}[, attributes])`
- ❖ `rigFormOpen(URI[, attributesArray][, hiddenFieldsArray])`
- ❖ `rigFormOpenMultiPart (URI[, attributesArray][, hiddenFieldsArray])`
- ❖ `rigFormPassword ({name, value | nameValueArray}[, attributesArray])`
- ❖ `rigFormPrep(string)`

- ❖ `rigFormRadio({name, value | nameValueArray}[, checked][, additionalData])`
  - ❖ `rigFormTextarea({name, value | nameValueArray}[, attributesArray])`
  - ❖ `rigFormUpload({name, value | nameValueArray}[, attributesArray])`
  - ❖ `rigResetButton({name, value | nameValueArray}[, extraData])`
  - ❖ `rigSetCheckbox(name[, value[, default]])`
  - ❖ `rigSetRadio(name, value[, default])`
  - ❖ `rigSetSelect(name, value[, default])`
  - ❖ `rigSetValue(fieldName[, defaultValue][, htmlEscape])`
  - ❖ `rigSubmitButton({name, value | nameValueArray}[, extraData])`
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**Form-Mail** Helper

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*Functions:*

- ❖ `rigFormMail(filePath, substitutionDataArray[, prefix][, suffix])`
  - ❖ `rigFormMailReplace()`
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## Galleria Helper

### Functions:

- ❖ `rigGalleriaData(galleryPath[, options]`  
`[, containerID][, dataVariableName]`  
`[, cacheBuster][, replaceDataFile][, reference])`
  - ❖ `rigDynamicGalleriaData(metadata[, options]`  
`[, containerID][, dataVariableName]`  
`[, cacheBuster])`
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## HTML Helper

### Functions:

- ❖ `rigHtmlBr(number)`
  - ❖ `rigHtmlDocType([docType])`
  - ❖ `rigHtmlHeading(string, size)`
  - ❖ `rigHtmlImg({source | attributesArray}`  
`[, indexPage])`
  - ❖ `rigHtmlLinkTag(href[, rel][, type][, title]`  
`[, media][, indexPage])`
  - ❖ `rigHtmlMeta({name, value | nameValueArray}`  
`[, {"equiv" | "name"}])`
  - ❖ `rigHtmlNbs(number)`
  - ❖ `rigHtmlOL(array[, attributes])`
  - ❖ `rigHtmlUL (array[, attributes])`
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## JWT Helper

### Functions:

- ❖ `rigJWTencode([header], payload[, numBits])`
  - ❖ `rigJWTdecode([token][, numBits])`
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## Language Helper

### Functions:

- ❖ `rigLangLine(languageKey[, formLabel])`
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## Markdown Helper

### Functions:

- ❖ `rigMarkdownAvailable()`
  - ❖ `rigMarkdownVersion()`
  - ❖ `rigMarkdown(markdownString[, HTML4flag])`
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## OTP Helper

### Commands:

- ❖ `rigOTPgenerate secret[, tokenLength][,`  
`cryptoType][, cryptoNumBits][, timeStep][,`  
`type]`
- ❖ `rigOTPcompareKeys challenge, key[,`  
`tokenLength][, cryptoType][, cryptoNumBits][,`  
`timeStep][, timeWindow]`
- ❖ `rigOTPgenerateUserKey secret`

### Functions:

- ❖ `rigOTPqrCode(key, account, issuer[, algo][,`  
`digits][, period][, ecc][, size][, mask])`
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## QueryToJSON Helper

### Functions:

- ❖ `rigQueryToJSON(resultArray`  
`[, fieldnamesArray])`
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### QueryValues Helper

*Functions:*

- ❖ `rigQueryValues(resultArray [, keyValueDelimiter][, recordDelimiter] [, fieldNames])`

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### Sitelinks Helper

*Functions:*

- ❖ `rigSiteLinks(linksArray, currentPage, seperator, selector)`

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### String Helper

*Functions:*

- ❖ `rigAlternator(stringList)`
- ❖ `rigQuotesToEntities(string)`
- ❖ `rigRandomString(type, lenght)`
- ❖ `rigReduceDoubleSlashes(string)`
- ❖ `rigReduceMultiples(textTosearch, characterToReduce[, removeFromFrontEnd])`
- ❖ `rigRepeater(string, number)`

- ❖ `rigStripQuotes(string)`

- ❖ `rigTrimSlashes(string)`

*Commands:*

- ❖ `rigResetAlternator`

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### URL Helper

*Functions:*

- ❖ `rigAnchor(URI, string[, attributesArray])`
- ❖ `rigAnchorPopUp (URI, string [, attributesArray])`
- ❖ `rigASiteURL({uriSegments | segmentsArray})`
- ❖ `rigAutoLink(string[, whichType] [, newWindow])`
- ❖ `rigBaseURL()`
- ❖ `rigCurrentURIstring()`
- ❖ `rigCurrentURL()`
- ❖ `rigIndexPage()`
- ❖ `rigMailToLink(address, string)`
- ❖ `rigSafeMailToLink (address, string)`
- ❖ `rigUrlPrep(url[, secure])`
- ❖ `rigUrITitle(title[, {"dash" | "underscore"}] [, lowercase])`
- ❖ `rigURLstripSpace(url[, separator])`

*Commands:*

- ❖ `rigRedirect uri[, {"location" | "refresh"}] [, responseCode]`

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### xml Helper

*Functions:*

- ❖ `rigXmlConvert(string)`

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