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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][, nonce])`
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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)`
- ❖ `rigGetMimeTypeByExtension(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][, nonce])
- ❖ **rigDynamicGalleriaData**(metadata[, options] [, containerID][, dataVariableName] [, cacheBuster][, nonce])

## HTML Helper

### Functions:

- ❖ **rigHtmlBr**(number)
- ❖ **rigHtmlDocType**([docType])
- ❖ **rigHtmlHeading**(string, size)
- ❖ **rigHtmlImg**({source | attributesArray} [, indexPage])
- ❖ **rigHtmlLinkTag**(href[, rel][, type][, title] [, media][, indexPage][, cors])
- ❖ **rigHtmlMeta**({name, value | nameValueArray} [, {"equiv" | "name"}])
- ❖ **rigHtmlNbs**(number)
- ❖ **rigHtmlIOL**(array[, attributes])
- ❖ **rigHtmlIUL** (array[, attributes])

## JWT Helper

### Functions:

- ❖ **rigJWTencode**([header], payload[, numBits])
- ❖ **rigJWTdecode**([token][, numBits])

## Language Helper

### Functions:

- ❖ **rigLangLine**(languageKey[, formLabel])

## Markdown Helper

### Functions:

- ❖ **rigMarkdownAvailable**()
- ❖ **rigMarkdownVersion**()
- ❖ **rigMarkdown**(markdownString[, HTML4flag])

## Number Helper

### Functions:

- ❖ **rigFormattedNum**(number[, numberCode][, unit])

- ❖ **rigFormattedNumToNum**(number[, decimalSeparator])
- ❖ **rigNumberToCurrency**(number[, numberCode][, symbol])
- ❖ **rigNumberToAmount**(number[, numberCode][, precision])
- ❖ **rigNumberToSize**(number[, numberCode][, precision])

## 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])`
- ❖ `rigUrlTitle(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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