

StringUtil

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Description

- org.joget.commons.util.StringUtil
- Under wflow-commons module
- Utility methods for String processing

Code Sample

```
import org.joget.commons.util.StringUtil;

String html = "<p>This is a test string</p>";
String stripped = StringUtil.stripAllHtmlTag(html);
```

Fields

TYPE_HTML

```
public static final java.lang.String TYPE_HTML = "html";
```

Used for `escapeString` method for escape format to escape html syntax.

TYPE_JAVA

```
public static final java.lang.String TYPE_JAVA = "java";
```

Used for `escapeString` method for escape format to escape java syntax.

TYPE_JAVASCRIPT

```

public static final java.lang.String TYPE_JAVASCIPT = "javascript";
    Used for escapeString method for escape format to escape javascript syntax.

TYPE_JSON

public static final java.lang.String TYPE_JSON = "json";
    Used for escapeString method for escape format to escape json syntax.

TYPE_REGEX

public static final java.lang.String TYPE_REGEX = "regex";
    Used for escapeString method for escape format to escape regex syntax.

TYPE_SQL

public static final java.lang.String TYPE_SQL = "sql";
    Used for escapeString method for escape format to escape sql syntax.

TYPE_URL

public static final java.lang.String TYPE_URL = "url";
    Used for escapeString method for escape format to encode url parameter value.

TYPE_XML

public static final java.lang.String TYPE_XML = "xml";
    Used for escapeString method for escape format to escape xml syntax.

```

Methods

```

addParamsToUrl

public static java.lang.String addParamsToUrl(java.lang.String url, java.lang.String paramKey, java.lang.String paramValue)
    Add parameter and its value to url. Override the value if the parameter is exist in the url.

addParamsToUrl

public static java.lang.String addParamsToUrl(java.lang.String url, java.lang.String paramKey, java.lang.String[] paramValues)
    Add parameter and its values to url. Override the value if the parameter is exist in the url.

addParamsToUrl

public static java.lang.String addParamsToUrl(java.lang.String url, java.util.Map<java.lang.String, java.lang.String[]> params)
    Add parameters and its values to url. Override the value if the parameter is exist in the url.

constructUrlQueryString

public static java.lang.String constructUrlQueryString(java.util.Map<java.lang.String, java.lang.String[]> params)
    Builds a query string based on parameters and its values.

encodeUrlParam

public static java.lang.String encodeUrlParam(java.lang.String url)
    Method used to properly encode the parameters in a URL string

mergeRequestQueryString

public static java.lang.String mergeRequestQueryString(java.lang.String queryString1, java.lang.String queryString2)
    Method used to merge 2 query string. If same parameter found, the one from second query string will override the first query string.

escapeRegex

```

```
public static java.lang.String escapeRegex(java.lang.String inStr)

    Escape regex syntax in a string

escapeString

public static java.lang.String escapeString(java.lang.String inStr, java.lang.String format, java.util.
Map<java.lang.String, java.lang.String> replaceMap)

    Escape a string based on format and replaced string based on the replace keyword map

Parameters:

format - TYPE_HTML, TYPE_JAVA, TYPE_JAVASCRIPT, TYPE_JSON, TYPE_SQL, TYPE_XML, TYPE_URL or TYPE_REGEX. Support chain escaping by separate the format in semicolon (;).

replaceMap - A map of keyword and new keyword pair to be replaced before escaping

decryptContent

public static java.lang.String decryptContent(java.lang.String content)

    Decrypt all keywords in the content which wrapped in SecurityUtil.ENVELOPE with SecurityUtil.decrypt method.

encryptContent

public static java.lang.String encryptContent(java.lang.String content)

    Encrypt all keywords in the content which wrapped in SecurityUtil.ENVELOPE with SecurityUtil.encrypt method.

getUrlParams

public static java.util.Map<java.lang.String, java.lang.String[]> getUrlParams(java.lang.String url)

    Converts all request parameters in an URL to a map

md5

public static java.lang.String md5(java.lang.String content)

    Encrypt the content with MD5

md5Base16

public static java.lang.String md5Base16(java.lang.String content)

    Encrypt the content with MD5 base16

searchAndReplaceByteContent

public static byte[] searchAndReplaceByteContent(byte[] bytes, java.lang.String search, java.lang.String
replacement)

    Search a keyword and replace it with a new keyword in byte content

searchAndReplaceByteContent

public static byte[] searchAndReplaceByteContent(byte[] bytes, java.util.Map<java.lang.String, java.lang.
String> replacements)

    Search keywords and replace it with corresponding new keyword in byte content

stripAllHtmlTag

public static java.lang.String stripAllHtmlTag(java.lang.String content)

    Remove all HTML tags from the content

stripHtmlRelaxed

public static java.lang.String stripHtmlRelaxed(java.lang.String content)

    Remove script and unknown tag from the content

stripHtmlTag

public static java.lang.String stripHtmlTag(java.lang.String content, java.lang.String[] allowedTag)

    Removed all HTML tags not in the allowed map from the content
```

validateEmail

```
public static boolean validateEmail(java.lang.String email, boolean multiple)
```

Method used for validate an email. Options to validate multiple email separated by semicolon ;)

Nested Class

IgnoreCaseComparator

```
public class IgnoreCaseComparator implements java.util.Comparator<java.lang.String>
```

A comparator to compare string value with letter case ignored

Methods

compare

```
public int compare(java.lang.String strA, java.lang.String strB)
```

Compare 2 strings with letter case ignored