StringUtil

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_JAVASCIPT

```
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_JAVASCIPT, 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