

# CsvUtil

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## Description

- `org.joget.commons.util.CsvUtil`
- Under wflow-commons module
- Utility method used to deal with comma separated value (CSV)

## Code Sample

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

String[] values = new String[]{"apple", "banana", "", "orange"};

//result is apple,banana,orange
String csv = CsvUtil.getDelimitedString(values, CsvUtil.DEFAULT_DELIMITER, true);
```

## Fields

`DEFAULT_DELIMITER`

```
public static final String DEFAULT_DELIMITER = ",";
```

Used as default delimiter of generate CSV string

## Methods

`getDelimitedString`

```
public static java.lang.String getDelimitedString(java.lang.String[] array)
```

Convert a String array as CSV

`getDelimitedString`

```
public static java.lang.String getDelimitedString(java.lang.String[] array, java.lang.String delimiter)
```

Convert a String array as CSV with custom delimiter

`getDelimitedString`

```
public static java.lang.String getDelimitedString(java.lang.String[] array, java.lang.String delimiter,
boolean ignoreEmptyValue)
```

Convert a String array as CSV with custom delimiter. Option to remove empty String from result.

`getPluginPropertyMap`

```
public static java.util.Map<java.lang.String, java.lang.String> getPluginPropertyMap(java.lang.String
propertyString) throws java.io.IOException
```

Retrieve plugin properties from a CSV string.

**Deprecated** method used by Joget v2 to parse plugin properties from a CSV string. Since Joget v3, Joget introduced a better UI for plugin configuration, the properties are stored in JSON format.