

Date Formatter

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Introduction

The **Date Formatter** allows you to transform the existing date format to another date format for datalist display.

Date Formatter Properties

Configure Date Formatter

Auto save when close?

General > Action Mapping > Formatter > **Configure Date Formatter**

Formatter (Date Formatter)

Configure Date Formatter

Date stored in UTC timezone☐

Data Date Format *

yyyy-MM-dd

Display Date Format

dd/MM/yyyy

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OK

Cancel

Name	Description
Date stored in UTC timezone	Click this checkbox if you are storing dates in UTC timezone in database.
Data Date Format	Set to follow your Joget System Settings > System Date Format, for example "dd-MM-yyyy hh:mm aa". Use the Java date format. (Example: "yyyy-MM-dd" for "2011-06-11") Read the Date Format Pattern Syntax documentation for a list of date formats you can use.
Display Date Format	Use Java date format. (Example: "dd/MM/yyyy" for "11/06/2011") Read the Date Format Pattern Syntax documentation for a list of date formats you can use. When this field is left empty, the following will be considered. 1. If current locale starts with "zh", the format will be set as "yyyy-MM-dd". 2. If "Using Locate Date Format" is set in General Settings, date format based on current user's locale will be used. 3. Otherwise, it will use "MM/dd/yyyy".

Sample Usage

In this example, we will format the column "Date Created" (*dateCreated* in the database table) to another date format in datalist builder.

Host: 127.0.0.1 Database: jwdb5train Table: app_fd_leave_applicati... Dat

jwdb5train.app_fd_leave_applications: 79,608 rows total (approximately), limited to 1,000

id	dateCreated	dateModified
10000_leaveApp_leaveProcess	2015-11-26 10:58:13	2015-11-26 10:58:36
10001_leaveApp_leaveProcess	2015-11-26 10:58:13	2015-11-26 10:58:36
10002_leaveApp_leaveProcess	2015-11-26 10:58:13	2015-11-26 10:58:36
10003_leaveApp_leaveProcess	2015-11-26 10:58:13	2015-11-26 10:58:36
10004_leaveApp_leaveProcess	2015-11-26 10:58:13	2015-11-26 10:58:36

The **Data Date Format** that we should set should be based on the datalist preview from the datalist builder.

This may also be subjected to the **system locale and date format** attributes set in the [System Settings](#). (Please see [General Settings - Server Locale and Time Zone](#) for more information)

10 Approval Show

	Name	Reason	Approval	Date Created
☐	10000-Admin Admin	k10000	Approved	26-11-2015 10:58 AM
☐	10001-Admin Admin	k10001	Approved	26-11-2015 10:58 AM
☐	10002-Admin Admin	k10002	Approved	26-11-2015 10:58 AM
☐	10003-Admin Admin	k10003	Approved	26-11-2015 10:58 AM
☐	10004-Admin Admin	k10004	Approved	26-11-2015 10:58 AM

In this example, without the use of Date Formatter, the **Data Date Format** would be in Java date format of "dd-MM-yyyy hh:mm aa".

Configure Date Formatter ?

General > Action Mapping > Formatter > Configure Date Formatter

Data Date Format * ?

dd-MM-yyyy hh:mm aa

Display Date Format * ?

hh:mm aa dd/MM/yyyy

With the use of the Date Formatter, we will change the **Display Date Format** to Java date format of "hh:mm aa dd/MM/yyyy".

Do note that this setting does **NOT** change the actual formatting of the date, but merely on how the date is displayed.

					10 ▾	Approval ▾	Show
☐	Name	Reason	Approval	Date Created			
☐	10000-Admin Admin	k10000	Approved	10:58 AM 26/11/2015			
☐	10001-Admin Admin	k10001	Approved	10:58 AM 26/11/2015			
☐	10002-Admin Admin	k10002	Approved	10:58 AM 26/11/2015			
☐	10003-Admin Admin	k10003	Approved	10:58 AM 26/11/2015			
☐	10004-Admin Admin	k10004	Approved	10:58 AM 26/11/2015			

After then, you can see the result of this configuration in datalist preview and runtime.

Demo App

- [APP_datalist_date_formatter.java](#)