

# 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	<p>Set to follow your <a href="#">Joget System Settings &gt; System Date Format</a>, for example <b>"dd-MM-yyyy hh:mm aa"</b>.</p> <p>Use the <a href="#">Java date format</a>. (Example: <b>"yyyy-MM-dd"</b> for <b>"2011-06-11"</b>)</p> <p>Read the <a href="#">Date Format Pattern Syntax</a> documentation for a list of date formats you can use.</p>
Display Date Format	<p>Use <a href="#">Java date format</a>. (Example: <b>"dd/MM/yyyy"</b> for <b>"11/06/2011"</b>)</p> <p>Read the <a href="#">Date Format Pattern Syntax</a> documentation for a list of date formats you can use.</p> <p>When this field is left empty, the following will be considered.</p> <ol style="list-style-type: none"><li>1. If current locale starts with "zh", the format will be set as "yyyy-MM-dd".</li><li>2. If "Using Locate Date Format" is set in General Settings, date format based on current user's locale will be used.</li><li>3. Otherwise, it will use "MM/dd/yyyy".</li></ol>

## 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
<input type="checkbox"/>	Name	Reason	Approval	Date Created		
<input type="checkbox"/>	10000-Admin Admin	k10000	Approved	26-11-2015 10:58 AM		
<input type="checkbox"/>	10001-Admin Admin	k10001	Approved	26-11-2015 10:58 AM		
<input type="checkbox"/>	10002-Admin Admin	k10002	Approved	26-11-2015 10:58 AM		
<input type="checkbox"/>	10003-Admin Admin	k10003	Approved	26-11-2015 10:58 AM		
<input type="checkbox"/>	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
<input type="checkbox"/>	Name	Reason	Approval	Date Created			
<input type="checkbox"/>	10000-Admin Admin	k10000	Approved	10:58 AM 26/11/2015			
<input type="checkbox"/>	10001-Admin Admin	k10001	Approved	10:58 AM 26/11/2015			
<input type="checkbox"/>	10002-Admin Admin	k10002	Approved	10:58 AM 26/11/2015			
<input type="checkbox"/>	10003-Admin Admin	k10003	Approved	10:58 AM 26/11/2015			
<input type="checkbox"/>	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](#)