


# General Settings - Server Locale and Time Zone

You can define the **system locale** to automatically display the following values in your Joget DX system:

- timezone
- language
- date format

By setting the **System Locale** and **Using Locale Date Format** checkbox, you can control how date and language is presented system-wide.

 **JOGET DX ENTERPRISE**

System Settings

General Settings

Datasource & Profile Settings

Directory Manager Settings

Manage Plugins

Manage Messages

USER INTERFACE SETTINGS

Default Userview

Joget DX

Landing Page

default: /home

System Time Zone

default: (SGST) Asia - Singapore

System Locale

-

default: en\_US

System Date Format

default: dd-MM-yyyy hh:mm aa


Using Locale Date Format

☐

Enable User Locale Selection

☐

Figure 1: System Settings showing User Interface Settings



How locale date format is determined?

Locale date format is retrieved using the underlying Java library Joget DX runs on.

- <https://github.com/jogetworkflow/jw-community/blob/7.0-SNAPSHOT/wflow-commons/src/main/java/org/joget/commons/util/TimeZoneUtil.java#L128>
- <https://docs.oracle.com/javase/10/docs/api/java/text/SimpleDateFormat.html>
- <https://docs.oracle.com/javase/10/docs/api/java/util/Locale.html>

Here's a quick comparison by using the default Expenses Claim app on the "Created" column with no formatter used at all.

Joget

DATALIST BUILDER Expenses Claim v6: Expense Submitted (Published)

SOURCE

DESIGN

PROPERTIES

PREVIEW

SAVE

Columns / Filters

approval\_comments

ApprovedBy

ApprovedDate

Attachments (i.e. Receipts, tickets etc.)

category

category\_others

claimant

Created By

Created By Name

CreatedDate

Date Created

Date Modified

Drag Filters Here

Title

Date Created From To

Drag Columns Here

Title	Ref	Status	Amount \$	Created
title	ref	status	total	dateCreated
Unsortable	Unsortable	Sortable	Sortable	Sortable
Visible	Visible	Visible	Visible	Visible
Exportable	Exportable	Exportable	Exportable	Exportable
Default	Default	Default	Default	Default
-	-	-	-	-
Nested Datalist Formatter	-	Options Value Formatter	-	-

Drag Row Actions Here

Drag Actions Here

Create A New Expense Claim

Figure 3: dateCreated is platform default column that will follow system locale format set

EXPENSES CLAIMS APP

Admin Admin hugo@outlook.com

Welcome

My Expenses

My Inbox

Submitted Expenses

Approved Expenses

Rejected Expenses

Closed Expenses

Approver List

Finance List

Setup Category

Info

Home / My Expenses / Submitted Expenses

Submitted Expenses

10

Title

Date Created From To

Show

Create A New Expense Claim

TITLE	REF	STATUS	AMOUNT \$	CREATED	
November 2020	0010	Submitted	877.00	11/20/20, 4:52:57 PM	View
December 2020	0011	Submitted	800.00	1/15/21, 5:02:18 PM	View
August 2020	0017	Submitted	10.00	9/15/20, 12:17:13 PM	View
October 2020	0013	Submitted	11.00	11/14/19, 12:17:40 AM	View
June 2019	0001	Submitted	12.00	7/13/19, 4:25:36 PM	View

5 items found, displaying all items.

JOGET DX ENTERPRISE

System Settings

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System Locale en\_US - English (United States)

default: en\_US

System Date Format

default: dd-MM-yyyy hh:mm aa

Using Locale Date Format ☒

Figure 3: Datalist using en\_US locale where date displays as mm/dd/yyyy.

EXPENSES CLAIMS APP

Admin Admin  
hugolm@outlook.com

Welcome

My Expenses

My Inbox

Submitted Expenses

Approved Expenses

Rejected Expenses

Closed Expenses

Approver List

Finance List

Setup Category

Info

Home > / My Expenses > / Submitted Expenses

Submitted Expenses

Create A New Expense Claim

10

Title

Date Created

From

To

Show

	TITLE	REF	STATUS	AMOUNT \$	CREATED	
<input type="checkbox"/>	▼ November 2020	0010	Submitted	877.00	20/11/2020, 16:52:57	<a href="#">View</a>
<input type="checkbox"/>	▼ December 2020	0011	Submitted	800.00	15/01/2021, 17:02:18	<a href="#">View</a>
<input type="checkbox"/>	▼ August 2020	0017	Submitted	10.00	15/09/2020, 12:17:13	<a href="#">View</a>
<input type="checkbox"/>	▼ October 2020	0013	Submitted	11.00	14/11/2019, 00:17:40	<a href="#">View</a>
<input type="checkbox"/>	▼ June 2019	0001	Submitted	12.00	13/07/2019, 16:25:36	<a href="#">View</a>

5 items found, displaying all items.

Joget DX

localhost:8080/jw/web/console/setting/general

JOGET DX ENTERPRISE

Home

Inbox

Profile (admin)

Logout

System Settings

General Settings

Datasource & Profile Settings

Directory Manager Settings

Manage Plugins

Manage Messages

System Locale

en\_GB - English (United Kingdom)

default: en\_US

System Date Format

default: dd-MM-yyyy hh:mm aa

Using Locale Date Format

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Figure 4: Datalist using **en\_GB** locale where date displays as **dd/mm/yyyy**.

This is the list of elements/modules but not limited to that may be influenced by locale settings.

- [Date Picker](#)
- [Date Formatter](#)
- [Inbox](#)
- [Inbox Menu](#)
- [Universal Inbox Menu](#)
- [Process Monitoring](#)
- [Date Hash Variable](#)
- [Process Status Menu](#)
- [Datalist Inbox Menu](#)
- [JSON API](#)

Relevant Attributes: **System Time Zone**, **System Locale**, **System Date Format**

Changes

There are new changes where the user has an option to change their server timezone to UTC or GMT which is available from version 7.0.7 onwards.

For more information regarding this, please refer to [Version 7.0.7](#)