

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.

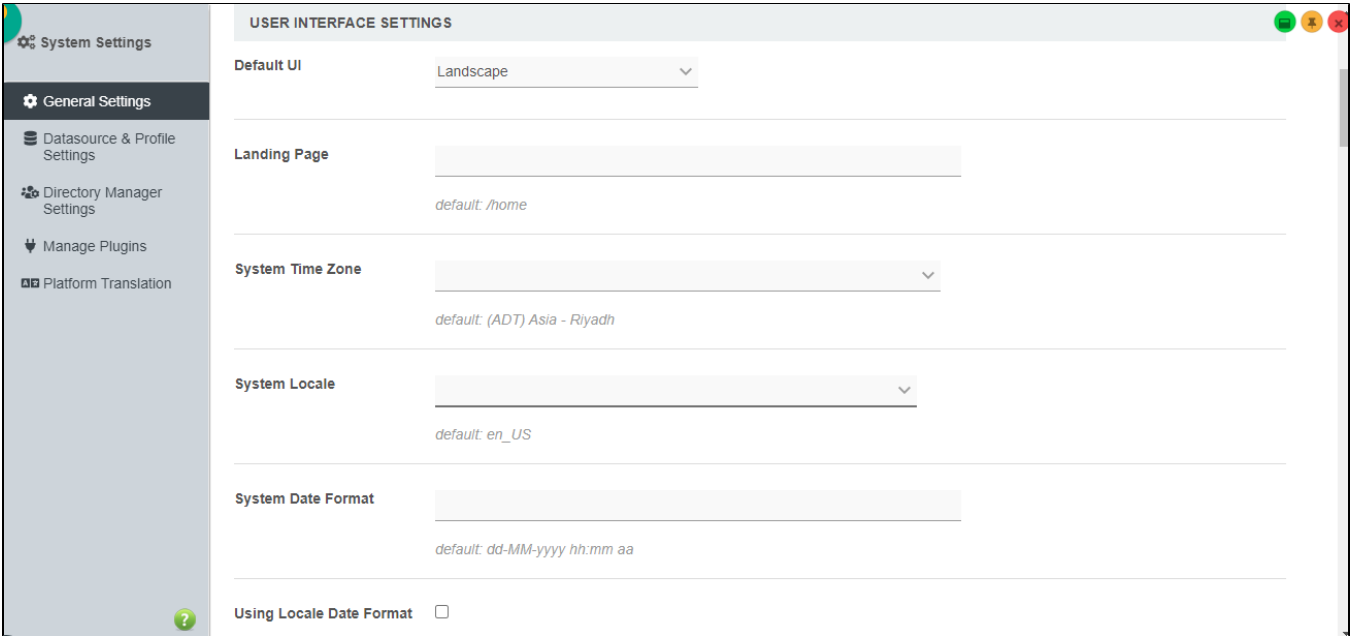



Figure 1: System Settings showing User Interface Settings

**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/8.0-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.

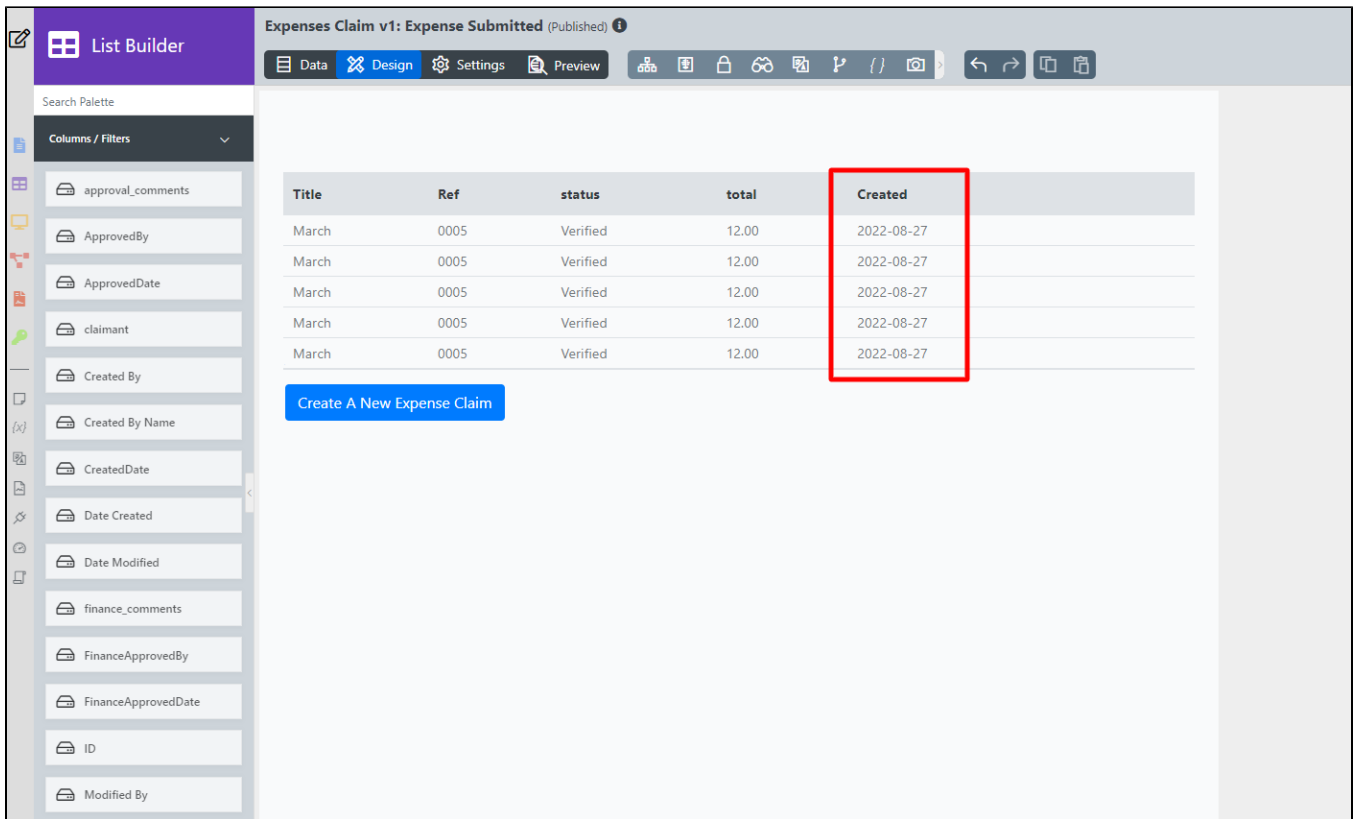


Figure 3: dateCreated is platform default column that will follow system locale format set

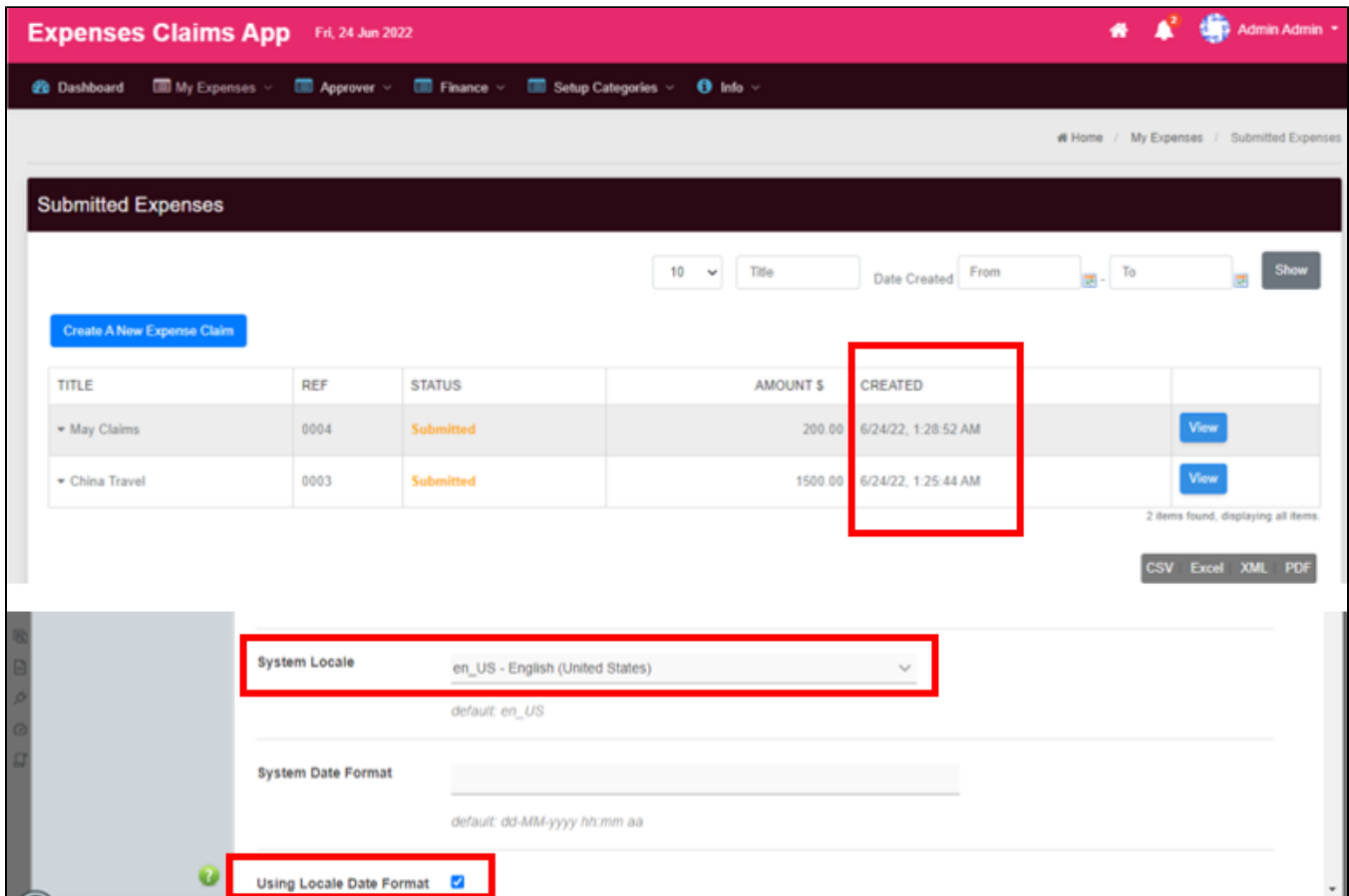


Figure 3: List using **en_US** locale where date displays as **mm/dd/yyyy**.

applicationName Fri, 24 Jun 2022

Dashboard My Expenses Approver Finance Setup Categories Info

Home / My Expenses / Submitted Expense

Submitted Expenses

10 Title Date Created From To Show

Create A New Expense Claim

TITLE	REF	STATUS	AMOUNT \$	CREATED	
▼ May Claims	0004	Submitted	200.00	24/06/2022, 01:28:52	View
▼ China Travel	0003	Submitted	1500.00	24/06/2022, 01:25:44	View

2 items found, displaying all items.

CSV Excel XML PDF

Platform Translation

System Locale en_GB - English (United Kingdom) default: en_US

System Date Format default: dd-MM-yyyy hh:mm aa

Using Locale Date Format ☒

Figure 4: List 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 Menu
- Universal Inbox Menu
- Process Monitoring
- Process Status Menu
- List 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](#)

