

# 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.

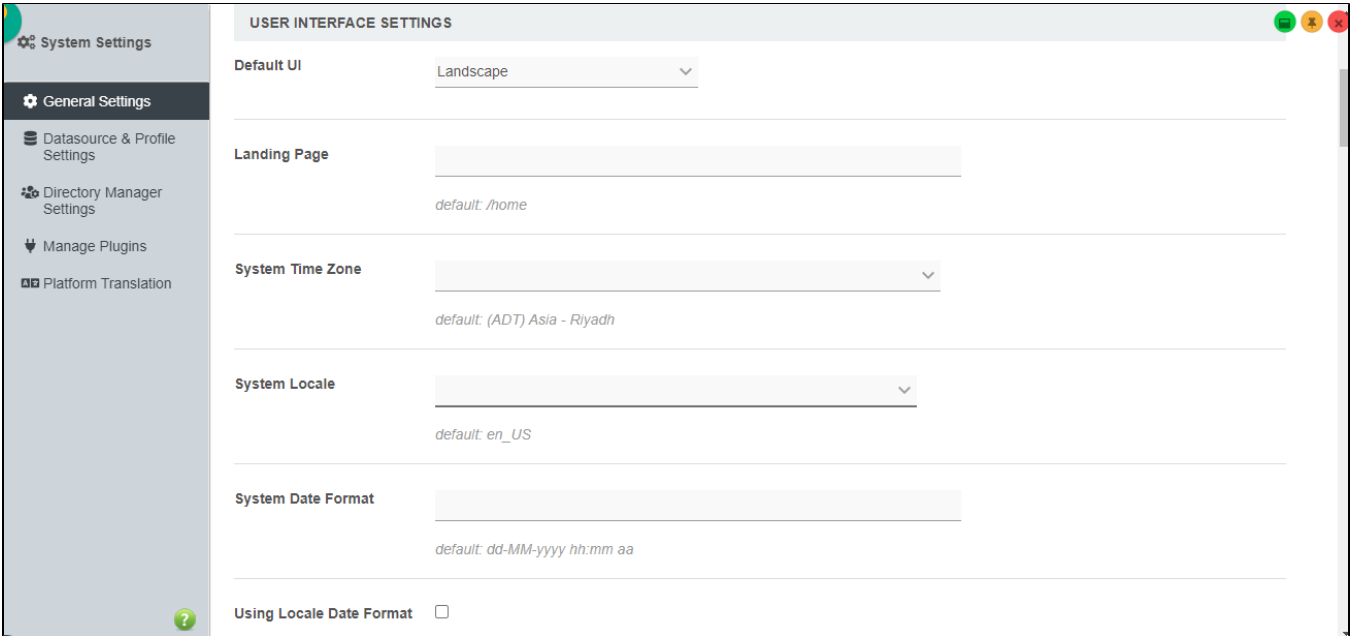


Figure 1: System Settings showing User Interface Settings

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.

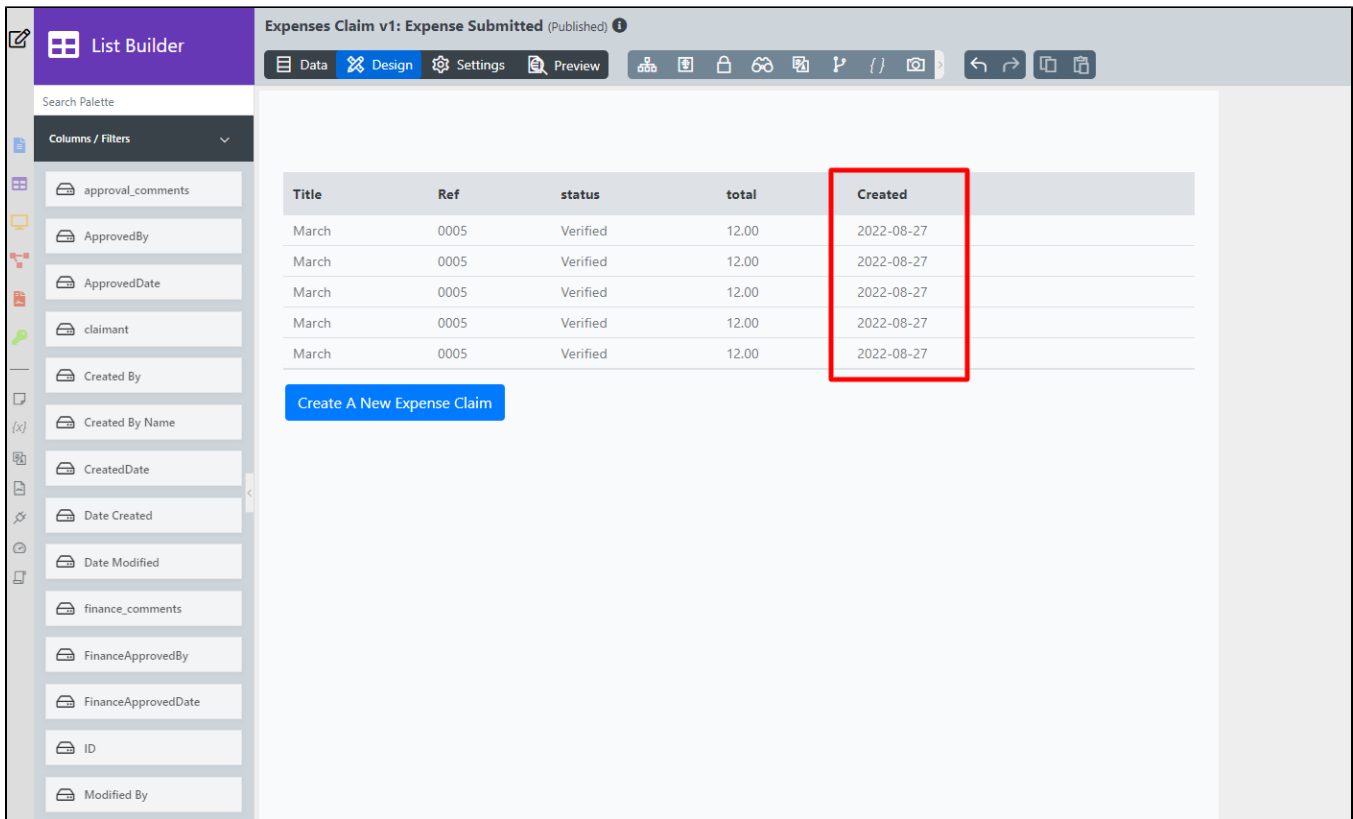


Figure 3: dateCreated is platform default column that will follow system locale format set

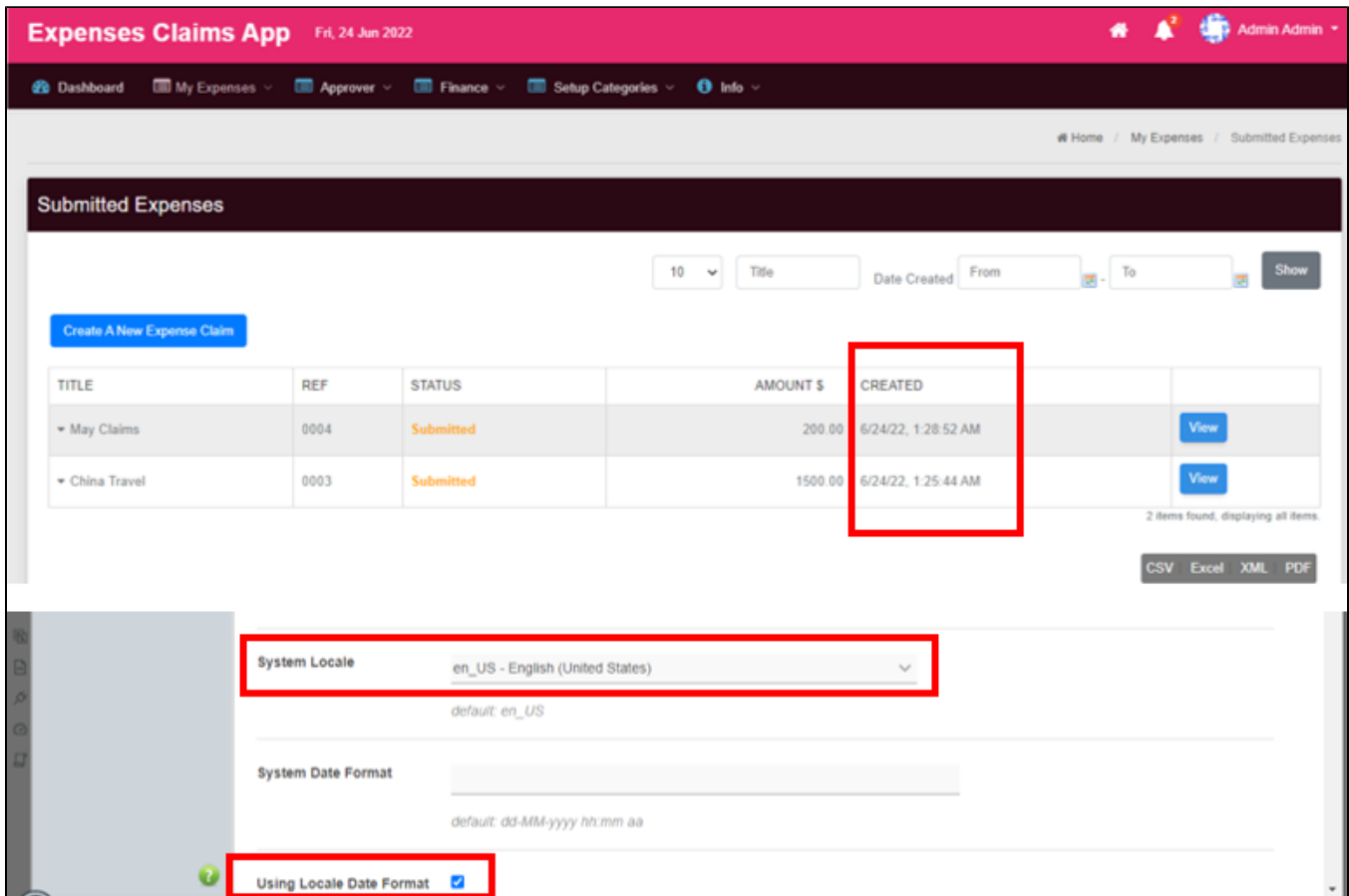


Figure 3: List using **en\_US** locale where date displays as **mm/dd/yyyy**.

The screenshot shows a web application interface for 'Submitted Expenses'. The top navigation bar includes 'applicationName' and the date 'Fri, 24 Jun 2022'. The main content area displays a table of expense claims. The table has columns: TITLE, REF, STATUS, AMOUNT \$, and CREATED. The 'CREATED' column is highlighted with a red box. Below the table, the 'System Locale' is set to 'en\_GB - English (United Kingdom)' and 'Using Locale Date Format' is checked.

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

2 items found, displaying all items.

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](#)

