



# Overview of key issues fixed with Switch 25.11

## 1. XMP Inject

XMP Inject app was no longer sending jobs to output, causing Switch Service to crash due to a deadlock, and in turn causing other apps to hang.

The same thread was trying to lock the same variable in multiple functions, causing a deadlock, preventing normal cleanup and leading to service termination. A recursive mutex was added to allow the same thread to lock a variable multiple times.

## 2. FTP hanging

FTP receive, Submit hierarchy, Mail receive and Folder elements were no longer working with “Leave originals” enabled, because of an issue in a common class used by these apps.

The cause was a Qt 6-related bug within the LeaveOriginals class, which all of these apps use.

## 3. Upgrade issue on macOS Intel

Switch didn't start on macOS Intel machines after upgrading from an older Switch version.

## 4. Connection name alignment

There was a UI issue where the connection name was not in line with the connection at some angles.

This was caused by a change in text position/angle calculation in Qt 6.



## 5. SQL Query Builder

Creating a database variable in the Build SQL Statement dialog was broken, and a related issue with multi-line SQL queries from manual editor.

## 6. Date format translation

When using [Switch.Date:Format=...], day/month names were always displayed in English when OS region setting was another language.

This was caused by an updated package, which was preventing Switch from picking up the OS region/language.

## 7. Property depends on master

There was an issue when a script property used “Depends on master” with a regular expression – in some specific cases, depending on the expression used, the property was never shown.

This was caused by a regular expression change which means that a complete match was no longer required to show/hide the property, and partial matches were taken into account. This has now been corrected by automatically adding beginning (^) and end (\$) anchors.

## 8. Undefined member errors (XMP Magic)

Legacy scripts using the RegExp.capturedTexts() array were throwing a runtime error in QSA (legacy scripting) if they tried to access an undefined member.

This was caused by a change in Qt 6, where unmatched indices from regular expression match results return undefined instead of an empty string. We are now forcing these to be populated by an empty string.

## 9. Crash on invalid array index

Legacy scripts were crashing Switch Service when trying to access negative or empty array indexes.

A Qt debugging method was enabled by default for all builds, which terminates the process when assertion fails – this has now been disabled for release builds.



## 10. Undefined statistics from TIFF files

Due to an issue in an external package update, it was no longer possible to access certain statistics from TIFF files which used ZIP compression.

Updating the third-party package solved the issue.

## 11. Regular expression failed in parsing JSON data

`String.find()` with regular expressions no longer stored capture results after the Qt 6 upgrade.

Scripts using `String.find()` and `RegExp.cap()` now work as they did previously, restoring expected regular expression matching behaviour.