

Resolving the "Unexpected Error" in MDK-v6 License

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Issue Overview

The MDK V6 toolchain has introduced a new licensing model known as the "User-Based License" (UBL). This licensing method is more streamlined and user-friendly compared to the previous "Node-Locked" or "Floating" licenses. The UBL can also be applied to MDK-5 versions from 5.38 onwards, ensuring compatibility with existing projects developed in Microvision.

However, some users have reported encountering an "Unexpected error" after correctly installing the UBL license on MDK-5. This issue can disrupt normal operations and prevent the license from activating as expected.

Possible Cause

The "Unexpected error" may be caused by the presence of a legacy toolchain, such as Keil PK51, which installs an outdated version of the Arm License Manager into the Microvision UV4 directory. Since the UBL license enforces a minimum version requirement for the License Manager, the presence of an older version is detected as a rollback attack, causing the license activation process to fail.

Solution

To resolve this issue, follow these steps:

1. **Reinstall MDK-5:** Reinstalling the MDK-5 toolchain will update the Arm License Manager to the required version, allowing the UBL license to activate successfully.
2. **Further Troubleshooting:** If reinstalling MDK-5 does not resolve the issue, collect the license log from the following directory:

- o C:\Users\\.armlm\logs

Attach this log file to a support case and submit it via the Keil support portal at [Keil Support](#).

Further Information

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