Flash Programming via FLM Files

2026-11-20 - Comments (0) - Flash programming

TRACE32 supports flash programming on Cortex-M targets using FLM file format. The minimum TRACE32 software version is **R.2026.09.**

FLM-based programming is an interim solution, not the standard flash programming method. It offers basic erase and program functionality only.

The recommended method is to use TRACE32 flash binaries, which provide the full flash programming features, including:

- Optimized reprogramming with **`FLASH.AUTO`** and **`FLASH.ReProgram`**
- Checksum-based change detection
- Automatic timing and frequency handling

FLM files can be used as a temporary solution when:

- TRACE32 flash support for your target is not yet available.
- Basic flash programming is needed while waiting for TRACE32 flash support.

Once you have obtained the appropriate FLM file, request FLM-based flash script by submitting a ticket at support.lauterbach.com/new-ticket.

Note

Lauterbach does not develop, provide, or redistribute FLM files. They are proprietary to chip manufacturers and must be obtained directly from their resources.
FLM files are distributed as part of Arm's CMSIS Device Family Package (DFP), available on the Arm Keil CMSIS website.