

1 Introduction

blhost 2.6.7 is a command-line debug tool for sending individual commands to the bootloader.

2 Platforms supported

- ROM Bootloader for K8x, KL8x, KL03, KL13, KL23, KL33, KL43, KL17, KL27, K27, KL28, K28, KE1xF, KE1xZ, K32 L2, K32 L3, LPC55Sxx, LPC55xx, RT5xx, and RT6xx.
- MCUBOOT for LPC54S0xx, RT10xx, RT11xx, MK64F12, MK22F51212, MK65F18, MK66F18, MK80F25615, MK82F25615, MKE16, KM35Z7, MKV11Z7, MKV31F51212, MKV46F16, MKV58F24, MKW36Z4, and MKW38Z4.
- Pre-programmed Flashloader for K02_100, K22_100, K22_12-, K24_120, K26_180, K65_180, K66_180, KV10, KV11, KV3x, KV4x, KV5x, KW21Z, KW31Z, K241Z, KW36, KW37/38/39.

3 System requirements

- **Windows:** Windows 10, Windows 7 and Windows XP
- **Linux/Arm Linux:** libc6 v2.27 or higher, libstdc++6 3.4.25 or higher, libudev-dev, libgcc1
- **Apple Mac:** MacOS Catalina 10.15.6

4 Release contents

- **blhost executables:** *bin/*
- **blhost user's guide:** *docs/*
- **blhost build projects:** *proj/*
- **blhost source code:** *src/*

5 Building environment and tools

- **Windows:** Windows 10, Microsoft Visual Studio Professional 2015 for Windows OS Desktop.
- **Linux:** Ubuntu 18.04 LTS, GNU C Compiler (GCC) v7.5.0, libc6 v2.27, libstdc++6 3.4.25, libudev-dev, libgcc1.
- **Arm-Linux:** Raspbian 32 bit, GCC v8.3.0, libc6 v2.28, libstdc++6 3.4.25, libudev-dev, libgcc1.
- **Apple Mac:** MacOS Catalina 10.15.6, Apple Xcode 11.5 or GNU C Compiler Apple clang version 11.0.3 (for tools).

NOTE

The executable binaries are fully tested on Windows/Linux/Apple Mac and only sanity tests are done on Arm-Linux executable binary. Feel free to customize code and build new executable binary.

Contents

1	Introduction.....	1
2	Platforms supported.....	1
3	System requirements.....	1
4	Release contents.....	1
5	Building environment and tools.....	1



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