



LibArch

Release Notes

Applies to Product Release: 1.0.1
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LibArch 1.0.1

Overview

This document provides information on the features, functions, delivery package, compile tools, licensing, and incident report (IR) resolutions incorporated in the following release of software: **LibArch 1.0.1**. It includes a list of the known issues that are present at the time of this release.

Label and Version Information for the Release

This release supports the following software and hardware versions.

Software Label Information

Table 1 lists the software label and code versions applicable to this release.

Table 1 Labels and Versions Supported by this Release

Release	Label/Version Information
LibArch	DEV.LIBARCH.01.00.00.00

Hardware Support

This release is supported on the following hardware platform:

- 66AK2H
- C6678
- AM572x
- K2G

New and Updated Features

This release provides support for the following new and updated features.

New Features

The following new features are supported in this release.

- Memory management APIs.
- Memory transfer APIs.
- Cache configuration APIs.

Limitations

The following is a list of known limitations for this release.

- Memory management for permanent memory uses C99 standard `malloc()` and `free()` functions instead of BIOS functions.

Licensing

Refer to LibArch Software Manifest document.

Delivery Package

LibArch 1.0.1 from Texas Instruments will be delivered with the Processor-SDK Linux and Processor-SDK RTOS distribution.

Source Code Components

The following components are provided as source code.

- Memory management
- Memory transfer
- Cache configuration

Object Code Components

The following components are provided as binary object code.

- Cache configuration

Required Compile Tools

Specific tools and patches must be used to compile and/or deploy Texas Instruments software. Texas Instruments cannot guarantee product performance when other tools are used.

Tools Supplied by Texas Instruments

All TI supplied tools for compiling LibArch are installed when Processor-SDK is installed.

Customer Documentation List

Table 2 lists the documents that are accessible to users of LibArch.

Table 2 Product Documentation included with this Release

Document #	Document Title	File Name
1	Read Me	readme.txt
2	LibArch Software Manifest	LibArch_1.0.1_manifest.html
3	Release Notes	LibArch_1.0.1_release_notes.pdf
4	LibArch User's Guide	libarch_user_guide.html