



Getting started with software distributions



Contents

1. Getting started with software distributions	3
2. Category:STM32MPU Embedded Software distribution	3
3. Category:STM32MPU Embedded Software distribution for Android	6



A quality version of this page, approved on 24 June 2020, was based off this revision.

What is a Linux® distribution?

"A Linux® distribution (often abbreviated to **distro**) is an **operating system** made from a software collection, which is based upon the Linux® kernel and often upon a package management system. Linux® users usually obtain their operating system by downloading one of the Linux® distributions which are available for a wide variety of systems ranging from embedded devices and personal computers to powerful supercomputers." (source: https://en.wikipedia.org/wiki/Linux_distribution)

Getting started with software distributions

What's composing a distribution?

Which microprocessor device supports which distributions?

How to download source code?

How to build?

Click on the links in the frame below and let you drive!

<p>OpenSTLinux Distribution</p> <p>STM32MPU Embedded Software distribution</p>	<p>STM32MPU distribution for Android™</p> <p>STM32MPU Embedded Software distribution for Android</p>
---	---

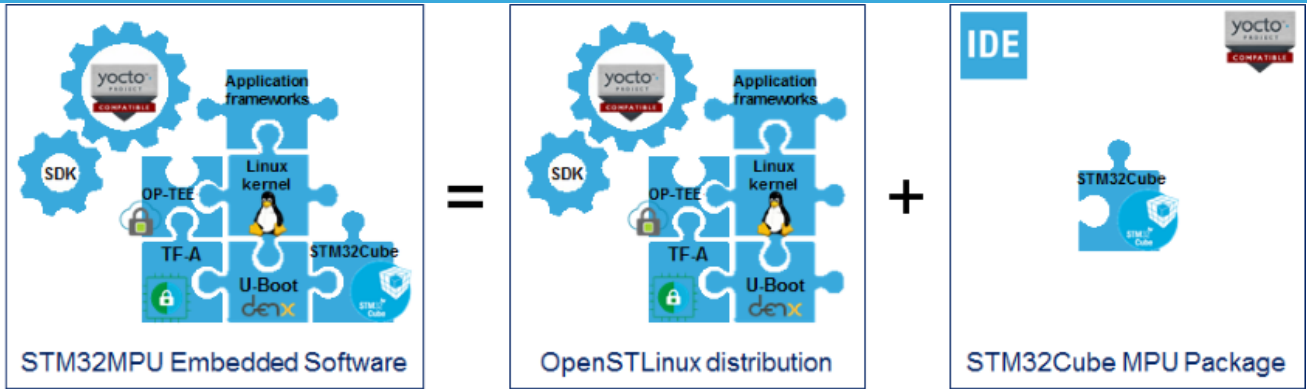
Linux® is a registered trademark of Linus Torvalds.
Stable: 17.06.2020 - 15:27 / Revision: 16.01.2020 - 12:35

A quality version of this page, approved on 17 June 2020, was based off this revision.

STM32MPU Embedded Software distribution is a set of software (STM32MPU Embedded Software architecture overview), system build and development tools created to ease the development to be done on top of STM32 MPU devices.

STM32MPU Embedded Software distribution includes:

- a Linux® distribution, running on the Arm®Cortex®-A processor(s) : OpenSTLinux distribution
- a STM32Cube MPU Package, running on the Arm®Cortex®-M processor : STM32CubeMP1 Package



STM32 supported device	Ecosystem release note	Boards	Starter Package	Developer Package	Distribution Package
STM32MP15	STM32MP15 ecosystem release note	Evaluation boards	STM32MP15 Evaluation boards - Starter Package	STM32MP1 Developer Package	STM32MP1 Distribution Package
		Discovery kits	STM32MP15 Discovery kits - Starter Package		

If you are not yet familiar with the **STM32MPU Embedded Software Packages**, please read this article [Which Package better suits your needs.](#)

Linux® is a registered trademark of Linus Torvalds.

Arm® is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere. 

Cortex®

Microprocessor Unit



Subcategories

This category has the following 2 subcategories, out of 2 total.

- [OpenSTLinux distribution \(1 C, 5 P\)](#)
- [STM32Cube MPU Package \(3 P\)](#)



Pages in category "STM32MPU Embedded Software distribution"

This category contains only the following page.

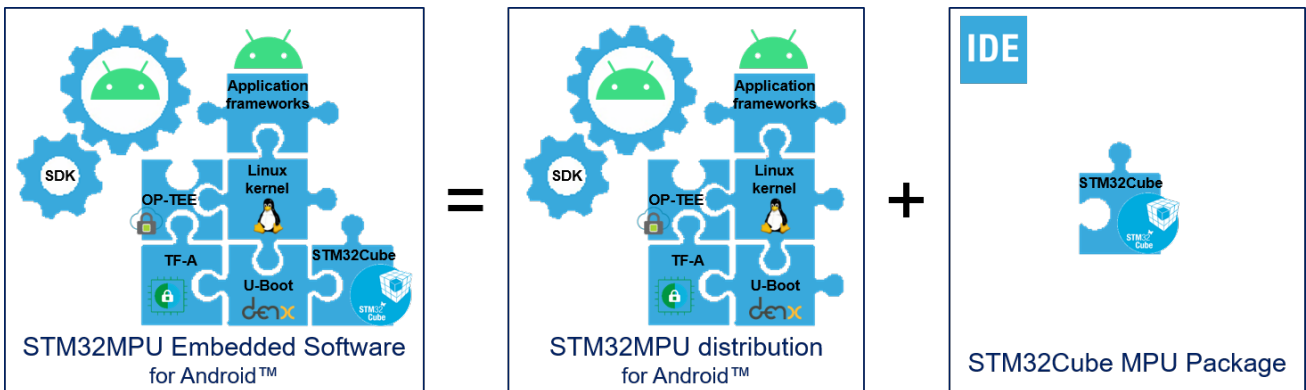
- [Example of directory structure for Packages](#)
Stable: 17.06.2020 - 15:27 / Revision: 16.01.2020 - 13:36

A quality version of this page, approved on 17 June 2020, was based off this revision.

STM32MPU Embedded Software distribution for Android™ is a set of software components (see [STM32MPU Embedded Software for Android architecture overview](#)), system build and development tools created to ease the development of applications on STM32 MPU devices (see [STM32 MPU devices](#)).

STM32MPU Embedded Software distribution for Android includes:

- a distribution for Android, running on Arm®Cortex®-A processors: [STM32MPU distribution for Android](#)
- an STM32Cube MPU Package, running on Arm®Cortex®-M processors: [STM32CubeMP1 Package](#)



STM32 supported device	Ecosystem release note	Boards	Starter Package	Developer Package	Distribution Package
STM32MP15	STM32MP15 ecosystem release note	Evaluation boards	STM32MP15 Evaluation boards - Starter Package for Android	STM32MP1 Developer Package for Android	STM32MP1 Distribution Package for Android

If you are not yet familiar with **STM32MPU Embedded Software Packages**, please read [Which STM32MPU Embedded Software Package for Android better suits your needs](#).

Microprocessor Unit

Arm® is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere.

Cortex®



Subcategories

This category has the following 2 subcategories, out of 2 total.

- Android distribution (2 P)
- STM32Cube MPU Package (3 P)