



Getting started with software distributions



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Getting started with software distributions

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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

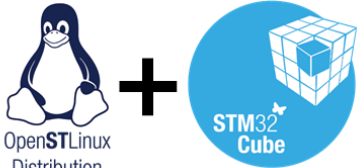

What's composing a distribution?

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>STM32 Cube</p> <p>STM32MPU Embedded Software distribution</p> |  <p>STM32MPU distribution for Android™</p> <p>STM32 Cube</p> <p>STM32MPU Embedded Software distribution for Android</p> |
|--|---|

Category:STM32MPU Embedded Software distribution

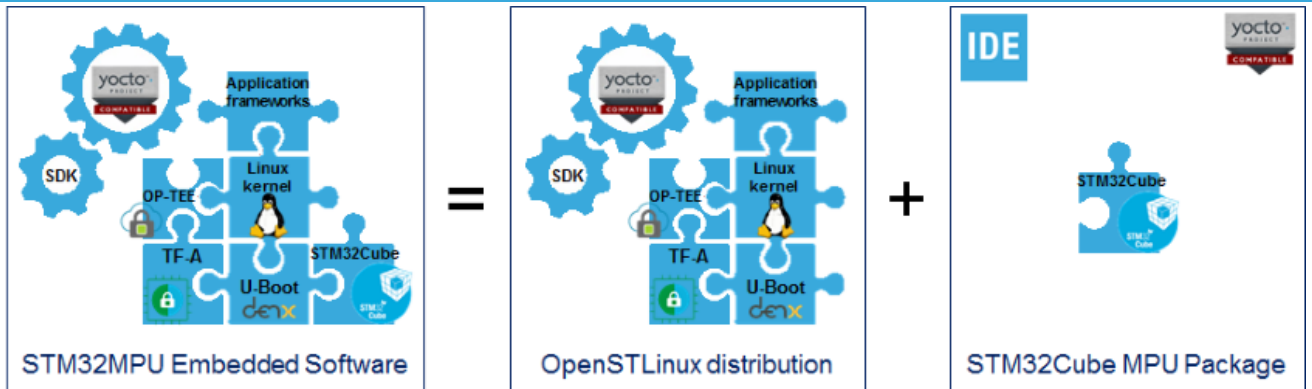
STM32MPU Embedded Software distribution is a set of software (STM32MPU Embedded Software architecture overview), system build and development tools created to ease the development to be done on top of STM32 MPU devices.

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



Getting started with software distributions



| 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](#).

Microprocessor Unit

Subcategories

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

O

- OpenSTLinux distribution (1 C, 5 P)

S

- STM32Cube MPU Package (3 P)

Pages in category "STM32MPU Embedded Software distribution"

This category contains only the following page.

E

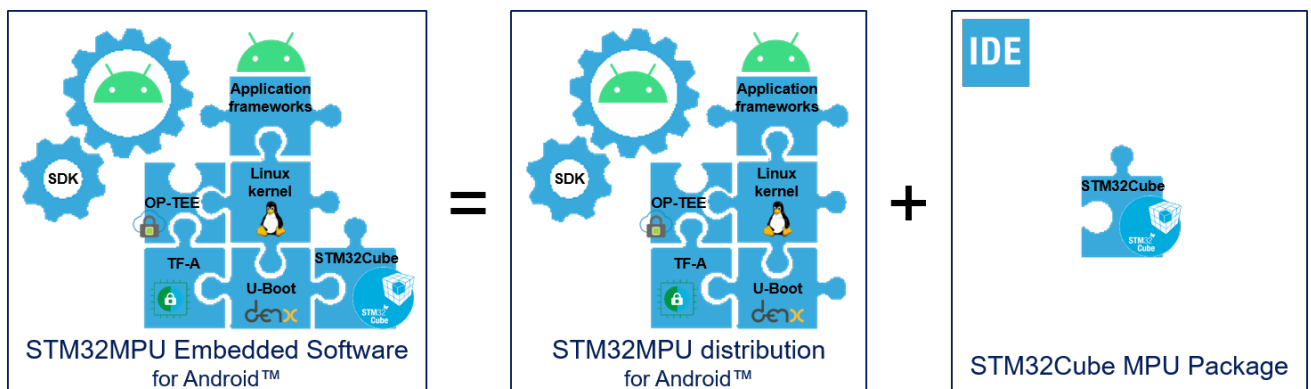
- Example of directory structure for Packages

Category:STM32MPU Embedded Software distribution for Android

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 |
|------------------------|--|-------------------|---|--|---|
| STM32 MP15 | STM32MP15 ecosystem release note | Evaluation boards | STM32MP15 Evaluation boards - Starter Package for Android | STM32MP1 Developer Package for Android | STM32MP1 Distribution Package for Android |



Getting started with software distributions

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

Subcategories

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

A

- [Android distribution \(2 P\)](#)

S

- [STM32Cube MPU Package \(3 P\)](#)