


embedXcode 7.6.2 Release Notes



embedXcode 7.6.2 is a maintenance release and brings debugging against the Arduino Primo Core board. It also improves general stability.

The [Help Desk](#)  is the best way for reporting and solving issues.

1. Scope

For all editions,

- Release 7.6.0 improves general stability.

For embedXcode+,

- Release 7.6.2 improves stability for Arduino Primo and Primo Core

Preliminary tests with Xcode 9.0 *beta 3* are successful.

Support for the Microsoft DevKit and Arduino Otto boards is still experimental. Build and link complete successfully; upload, run and debug haven't been tested yet as they need a board to perform the tests.

Support for 4D Systems gen4 IoD, ESP32-DevC, Arduino Primo and Primo Core boards has been fully tested.

2. Install the Arduino Primo Core

Using the Arduino Primo Core requires to download and install the highly build of the Arduino nRF52 boards package.

- Call the menu **Arduino > Preferences** the select the **Settings** pane and add to the list of **Additional Boards Manager** URLs the following link:

```
http://download.arduino.org/test/platforms/  
package_arduino.org_test_index.json
```

- Call the menu **Tools > Board... > Boards Manager** and install the **Arduino nRF52 Boards - Test** boards package.

Arduino nRF52 Boards - Test by **Arduino Test** version **1.0.2-2-dd52a7c** **INSTALLED**

Boards included in this package:

Arduino Primo Core.

[Online help](#)

[More info](#)

- Copy-paste the folder from `~/Library/Arduino15/packages/arduino-org/hardware/nrf52/1.0.2-2-dd52a7c` to `~/Library/Arduino15/packages/arduino/hardware/nrf52/1.0.2-2-dd52a7c`.

- Edit the **About.mk** makefile and change

```
ARDUINO_NRF52_RELEASE = 1.0.1
```

to

```
ARDUINO_NRF52_RELEASE = 1.0.2-2-dd52a7c
```

2. Installation

Use either the full installation package or the fast update file.



embedXcode-753-
plus
32,8 MB



FastUpdate-753.zip
2,4 MB

4. Check Platforms and MCUs



Check platforms
and MCUs

The utility called **Check platforms and MCUs** lists all the platforms and MCUs. It checks the installed releases against the expected ones, generates and displays a report.

It is located under the `~/Documents/embedXcode` folder.

5. Supported Boards and IDEs

Please refer to the list of [Supported Boards and IDEs](#) [Ⓜ] on the embedXcode website.

6. Roadmap

Last mid-June 2017, **Intel** has announced it discontinues support for the [Galileo](#) [Ⓜ], [Edison](#) [Ⓜ], [Joule](#) [Ⓜ] and [Curie](#) [Ⓜ] boards at mid-December 2017.

With the release of the second generation of boards, **Little Robot Friends** no longer supports the first generation of boards. As a consequence, development for the Little Robot Friends platform is put on hold.

The latest release of **Cosa** is dated January 30, 2016 and the project doesn't seem to be maintained anymore. As a consequence, Support for the Cosa framework is put on hold.

Support for **Glowdeck** is under scrutiny.

7. User Manual

As always, please refer to the [User Manual](#) [Ⓜ] for more information and detailed instructions.



Preview release 9.0 (909.17) provided by macOS 10.12.5 (16E195) and Preview release 9.0 (909.18) provided by macOS 10.12.6 (16G29) fail to display correctly the User Manual in PDF format. I've opened a ticket with Apple.

As a solution,

- Open the User Manual with Safari or Acrobat Reader.
- Download the [iBook](#) [Ⓜ] from the iBookstore.

8. Newsletter

Subscribe to the [embedXcode Newsletter](#) [Ⓜ].

9. Help and Contribute

embedXcode is based on donations.

When updating from a previous version to new release 7.0 or using new boards, please [Help and Contribute](#) [Ⓜ].

Donations are used to purchase boards, equipment and books to maintain the project.

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Ⓜ denotes an external link.

⊞ mentions a feature specific to embedXcode+.

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