

Arduino Blog » Linux support comes to Arduino Create

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 We're excited to announce a new update to the [Arduino Create](http://create.arduino.cc) web platform, which will enable fast and easy development and deployment of IoT applications with integrated cloud services on Linux-based devices.

What this means is that users will be able to program their Linux boards as if they were regular Arduinos. Multiple Arduino programs can run simultaneously on a Linux board and programs can communicate with each other leveraging the capabilities of the new open source Arduino Connector.

 Arduino Create Cloud now allows users to manage individual IoT devices, and configure them remotely and independently from where they are located. To further simplify the user journey, we've also developed a novel *out of the box* experience that will let anyone set up a new device from scratch via the cloud without any previous knowledge by following an intuitive web-based wizard.

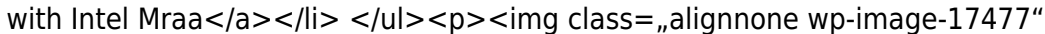
The initial release has been sponsored by Intel and supports X86/X86_64 boards. As a reference implementation, a simplified user experience has been designed for the AAEON *UP* board, although other platforms are already supported by the Arduino Create Cloud platform, such as the Intel NUC, Dell Wyse, Gigabyte GB-BXT.

 In the coming months, we plan to expand support for Linux-based IoT devices running on other hardware architectures. Until then, you can find more information [here](https://software.intel.com/en-us/articles/announcing-arduino-create-support-for-intel-based-platforms-and-the-up-squared-grove-iot) and follow the tutorials below to help get you going:

- [Getting Started with Intel-Based Platforms on Arduino Create](https://create.arduino.cc/projecthub/Arduino_Genuino/getting-started-with-intel-based-platforms-on-arduino-create-dcf1bc?ref=platform&ref_id=424_recent__&offset=5)
- [Interacting with a TI](https://create.arduino.cc/projecthub/Arduino_Genuino/interacting-with-a-ti-sensortag-from-an-intel-nuc-e88ba5?ref=platform&ref_id=424_recent__&offset=3)

SensorTag from an Intel NUC

- https://create.arduino.cc/projecthub/Arduino_Genuino/intel-math-kernel-library-on-arduino-1d0be4?ref=platform&ref_id=424_recent__&offset=4 Intel Math Kernel Library on Arduino
- https://create.arduino.cc/projecthub/Arduino_Genuino/arduino-linux-on-up2-board-with-intel-mraa-a30f87?ref=platform&ref_id=424_recent__&offset=6 Arduino ? Linux (on UP2 Board) with Intel Mraa

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