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1. µcBlockly

Visual programming for microcontrollers with Blockly 13.

v3 ecosystem (2026) — Public presentation: Blockly ecosystem for Arduino, ST, micro:Bit, etc. (LibrEduc). News: Blog. Help: Forum.

Legacy: the Blockly@rduino pages remain available for existing projects. Migration: Convert Blockly@rduino.

GitHub repository: A-S-T-U-C-E/ucBlockly

µcBlockly v3 is the **core** (typed Arduino blocks + C++ generator) reusable via `createUcBlockly()`. Derived products (demo, BlocklyDuino v3, Factory) build on top of it.

1.1. Ecosystem

Product	Role	Link
µcBlockly	Embeddable core	GitHub
BlocklyDuino v3	Classroom app	GitHub BlocklyDuino
Factory v3	Block / extension authoring	see Factory repo
Web presentation	LibrEduc page	Blockly ecosystem...

1.2. Documentation

Full documentation is currently maintained in French:

- µcBlockly (French hub)

1.3. Quick start

```
npm install
npm run dev
```

Compatibility: **v3.0.0** requires **Blockly 13**.

Version française

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