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Report

Processing is an open-source graphical library and integrated development environment (IDE) built for the electronic arts, new media art, & visual design communities with the purpose of teaching non-programmers the fundamentals of computer programming in a visual context.

Processing Uses the java language, with additional simplifications such as additional classes & aliased mathematical funcs. & operations. it also provides a graphical user interface for simplifying the compilation & execution stage.

Wiring, Arudino, & fritzing

Processing has spawned another project, wiring, which uses the processing IDE with a collection of libraries written in the c++ language as a way to teach artists how to program microcontrollers. there are now two separate hardware projects, wiring & Arduino using the wiring environment & language fritzing is another software environment of the same sort, which helps designers & artists to document their interactive prototypes & to take the step from physical prototyping to actual product.

Mobile processing

Another spin-off project, now defunct, is mobile processing by Francis Li, which allowed software written using the processing Language & environment to run on java powered mobile devices. today some of the same functionality is provided by processing itself.