

maquinitas-chuck

About

maquinitas-chuck is a project by montoyamoraga.

maquinitas-chuck is a software library for controlling hardware MIDI instruments with the [Chuck](#) programming language, intended for education, live coding, studio work, and live performance, and aimed at people interested in MIDI, computer music, generative music, sequencers, and randomness.

maquinitas-chuck is the [Chuck](#) flavor of the [maquinitas](#) collection of software libraries.

Installation

This library is intended to expand ChuckK, which can be downloaded and installed from the website <https://chuck.cs.princeton.edu/>.

Use

To start using this library, either clone the repository or download the latest release from <https://github.com/maquinitas/maquinitas-chuck/releases>.

To load this library, run the [maq.init.ck](#) ChuckK script.

Afterwards, setup the corresponding MIDI port for using your hardware MIDI instrument.

If you want to see working examples, check out the [maq.testing.ck](#) script, where there are working examples with every instrument.

Contents

List of currently available ChuckK scripts:

- [maq.init.ck](#), script to load the maquinitas-chuck library.
- [maq.inst.ck](#), base class.
- [maq.inst.critter-and-guitari-bolsa-bass.ck](#), for controlling the Critter & Guitari Bolsa Bass instrument.
- [maq.inst.korg-volca-fm.ck](#), for controlling the Korg volca fm instrument.
- [maq.inst.roland-jp-08.ck](#), for controlling the Roland JP-08 instrument.
- [maq.inst.roland-sh-01a.ck](#), for controlling the Roland SH-01A instrument.
- [maq.inst.roland-tb-03.ck](#), for controlling the Roland TB-03 instrument.
- [maq.inst.roland-tr-08.ck](#), for controlling the Roland TR-08 instrument.
- [maq.inst.roland-tr-09.ck](#), for controlling the Roland TR-09 instrument.
- [maq.tesing.ck](#), for documentation of examples with every instrument.

In-progress drafts:

- `maq.inst.bastl-microgranny-2.ck`
- `maq.inst.korg-volca-beats.ck`
- `maq.inst.moog-minitaur.ck`
- `maq.inst.novation-bass-station-ii.ck`

Reference

- [Chuck](#)
- [The Chuck Manual 1.2.1.3](#)
- [Chuck Extend](#)

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