

FidoProject / Fido

A lightweight C++ machine learning library for embedded electronics and robotics. <http://fidoproject.github.io/>

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985 commits

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Branch: master

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truell20 Update README.md

Latest commit 2123f04 on 19 Nov 2017

docs	Rm example doxygen	2 years ago
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resources	Revert "Remove simulator from master"	5 months ago
src	Revert "Remove simulator from master"	5 months ago
tests	Revert "Remove simulator from master"	5 months ago
.gitattributes	Ignore tests, docs, and travis on release	2 years ago
.gitignore	Remove doxygen config	2 years ago
.travis.yml	Take out valgrind	2 years ago
LICENSE	Update LICENSE	2 years ago
Makefile	Revert "Take out untested windows install file"	2 years ago
README.md	Update README.md	4 months ago
configure	Revert "Remove simulator from master"	5 months ago
install.bat	Revert "Take out untested windows install file"	2 years ago
runtests.sh	Better test building	2 years ago

README.md

Fido

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Fido is an lightweight, highly modular C++ machine learning library for embedded electronics and robotics. Fido is especially suited for robotic and embedded contexts, as it is written in C++ with minimal use of the standard library, comes packaged with a robotic simulator, and provides an easy interface in which to write robotic drivers.

Check out the [project site](#) and [documentation](#) for more information.

The library was adapted from [a universal robot control system](#).

Authors

The Fido library was primarily developed by [Michael Truell](#). [Joshua Gruenstein](#) helped develop Fido's robotic simulator. Most of his commits are to the schematics and paper of [a decoupled research study](#) that he and Michael performed together.

Beta Status

This library is in **beta**. It has been used in a couple of projects, but the API may still change in backward-incompatible ways. There are definitely bugs.

Contributing

Send us a pull request. If you are looking for things to do, check out the repo's open issues. If you find a bug or have any trouble with the library, please open an issue. We are happy to help you out.

Author [Michael Truell](#)

Author [Joshua Gruenstein](#)

Contributor [Henry Wildermuth](#)