



Unified and efficient machine learning library

Since 1999, Shogun is for:

.....

About Shogun

Shogun is an open-source machine learning library that offers a wide range of efficient and unified machine learning methods.

Shogun is accessible

- Supports many languages (Python, Octave, R, Java/Scala, Lua, C#, Ruby, etc) and platforms (Linux/Unix, MacOS and Windows) and integrates with their scientific computing environments.
- Try Shogun in the cloud(<https://cloud.shogun.ml>) from your browser.

Shogun is state-of-the-art

- Efficient implementation (from standard to cutting edge algorithms), modern software architecture in C++.
- Easy combination of multiple data representations, algorithm classes and general purpose tools for rapid prototyping of data pipelines.

Shogun is open source

- Free software, community-based development and machine learning education.

- GPLv3 license and working towards BSD compatibility.

Keep reading to find out more about Shogun's mission, features, and history here(<http://shogun.ml/mission>).



Development



release **shogun_6.1.4** (<https://github.com/shogun-toolbox/shogun/releases/latest>) Azure Pipelines **succeeded**
 (https://dev.azure.com/shogunml/shogun/_build/latest?definitionId=-1) **powered by** NumFOCUS
 (<http://numfocus.org>)



MaxGreil(<https://github.com/MaxGreil>)

3 days ago

SHA: *d9b8d8d9c43d2520f9adfaa2f5acc314f78b9978*

Revert p and q (#4745)(<https://github.com/shogun-toolbox/shogun/commit/d9b8d8d9c43d2520f9adfaa2f5acc314f78b9978>)



theartful(<https://github.com/theartful>)

4 days ago

SHA: *cb314ec80ac7e987dd63537b650ad033b524fd55*

Disable swig directors with swig 4.0.0 (#4737)(<https://github.com/shogun-toolbox/shogun/commit/cb314ec80ac7e987dd63537b650ad033b524fd55>)



theartful(<https://github.com/theartful>)

4 days ago

SHA: *913977c23eb50e252efb740a990eeb86d3805287*

Port svmight and domainadaptation svm examples (#4743)(<https://github.com/shogun-toolbox/shogun/commit/913977c23eb50e252efb740a990eeb86d3805287>)



News

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<https://www.shogun-toolbox.org>

**NUMFOCUS**

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Get to know some of the students working with NumFOCUS sponsored projects [@ShogunML](#) and [@SymPy](#) during [#GSoC2019numfocus.org/blog/meet-our-...](#)



Meet our 2019 Google Summer of Code Students (Part 3) - NumFOCUS

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HELP?!?

Ask questions on StackOverflow(<http://stackoverflow.com/questions/tagged/shogun>)

Report problems on GitHub(<https://github.com/shogun-toolbox/shogun/issues>)

IRC

Chat with us on IRC - **#shogun** on freenode. You can also connect with webchat#shogun(<http://webchat.freenode.net/?channels=shogun&uio=d4>) directly in your browser.

CITING SHOGUN

If you use SHOGUN in your research you are kindly asked to cite its DOI(<https://zenodo.org/badge/latestdoi/1555094>).



(<http://www.numfocus.org/>)

Shogun is a fiscally sponsored project of NumFOCUS, a nonprofit dedicated to supporting the open source scientific computing community. If you like Shogun and want to support our mission, please consider making a donation(<https://numfocus.salsalabs.org/donate-to-shogun/index.html>) to support our efforts.