# Resource Summary Report

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## An Open-Source MATLAB-to-Python Compiler

RRID:SCR_008409
Type: Tool

### Proper Citation

An Open-Source MATLAB-to-Python Compiler (RRID:SCR_008409)

### Resource Information

**URL:** http://ompc.juricap.com

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**Description:** OMPC aims to enable reuse of the huge open and free code base of MATLAB on a free and faster growing Python platform. Running Python and MATLAB in a single interpreter avoids issues with running two separate applications. Python adds general purpose programming libraries to the convenient syntax of the language of technical computing. OMPC is not an interpreter, it lets Python to do the work. This means that if Python gets faster OMPC gets faster too. OMPC translates the m-files preserving the structure of the original programs as much as possible. Although OMPC comes with a library that emulates the features of numerical array of MATLAB there is nothing that will stop you from running the translated code the way you like it. This means that you could run the OMPC generated code on IronPython, Jython, PyPy or whatever else if you write your own numerical class. Sponsors: This resource is supported by RIKEN Brain Science Institute.

**Synonyms:** OMPC

**Resource Type:** software application, software development tool, compiler, software resource

**Keywords:** code, compiler, python, matlab, computng, software, program

**Funding:**

**Resource Name:** An Open-Source MATLAB-to-Python Compiler

**Resource ID:** SCR_008409

**Alternate IDs:** nif-0000-30104

**Record Creation Time:** 20220129T080247+0000

**Record Last Update:** 20250523T054714+0000

## Ratings and Alerts

No rating or validation information has been found for An Open-Source MATLAB-to-Python Compiler.

No alerts have been found for An Open-Source MATLAB-to-Python Compiler.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID.

Jurica P, et al. (2009) OMPC: an Open-Source MATLAB-to-Python Compiler. Frontiers in neuroinformatics, 3, 5.