

Resource Summary Report

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EVA

RRID:SCR_025206

Type: Tool

Proper Citation

EVA (RRID:SCR_025206)

Resource Information

URL: <https://github.com/microsoft/EVA?tab=readme-ov-file>

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Description: Software toolkit as compiler for SEAL homomorphic encryption library. Automates away parts that require cryptographic expertise. Allows to write programs that operate on encrypted data without having access to the secret key. Native library written in C++ with bindings for Python. Both Linux and Windows are supported.

Abbreviations: EVA

Synonyms: Encrypted Vector Arithmetic

Resource Type: source code, software toolkit, software resource

Defining Citation: [DOI:10.1145/3385412.3386023](https://doi.org/10.1145/3385412.3386023)

Keywords: compiler for homomorphic encryption, homomorphic encryption, homomorphic encryption compiler, automates away cryptographic expertise, operate on encrypted data, no access to secret key,

Availability: Free, Available for download, Freely available

Resource Name: EVA

Resource ID: SCR_025206

License: MIT license

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Ratings and Alerts

No rating or validation information has been found for EVA.

No alerts have been found for EVA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.