

aligungr / UERANSIM Public

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aligungr Security hardening for Radio Link Simulation (RLS) layer.

ca1a66f · 2 weeks ago

.github	README.md updated	5 years ago
config	Add tun netmask to custom-...	last year
src	Security hardening for Radio...	2 weeks ago
tools	fix: Give execution permissio...	2 years ago
.clang-format	License updated	5 years ago
.gitattributes	.gitattributes updated	5 years ago
.gitignore	Source tree refactored	5 years ago
CMakeLists.txt	CMakeLists.txt fixed	5 years ago
CONTRIBUTING.md	Copyright updated	3 years ago
LICENSE	Add LICENSE file	6 months ago
README.md	Security hardening for Radio...	2 weeks ago
makefile	feat: Add a function to clean ...	2 years ago

README Contributing AGPL-3.0 license



UERANSIM v3.2.8 3GPP R15 License AGPL-3.0

UERANSIM (pronounced "ju-i ræn sɪm"), is the open source state-of-the-art 5G UE and RAN (gNodeB) simulator. UE and RAN can be considered as a 5G mobile phone and a base station in basic terms. The project can be used for testing 5G Core Network and studying 5G System.

UERANSIM introduces the world's first open source 5G-SA UE and gNodeB implementation.

Current Status

Basic functionalities of UE and gNodeB are fully functional and ready to use. However some of the features are not complete. More details can be found at [Feature Set](#).

On the other hand, UERANSIM does not fully provide physical layer. 5G-NR radio interface is partially implemented, and simply simulated over UDP protocol.

Radio Interface **simulated** Control Plane **functional** User Plane **functional**

Documentation

You can find the documentation on [UERANSIM Wiki](#).

And, please make sure that you have always the [latest](#) UERANSIM.

Contributing

Any contributions you make are greatly appreciated via [Pull Request](#).

Supporting

You can support UERANSIM by:

- Starring the GitHub repository,
- Donating on [Open Collective](#)
- Creating pull requests, submitting bugs, suggesting new features or documentation updates.

License

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All source code and related files including documentation and wiki pages are dual licensed with [AGPL-3.0](#) and a commercial license.

 **Warning**

Closed-source commercial usage of UERANSIM may **not** be permitted with the AGPL-3.0. If that license is not compatible with your use case, please contact ueransim@gmail.com to buy a commercial license.

Releases 20

 **v3.2.8** Latest
2 weeks ago

[+ 19 releases](#)

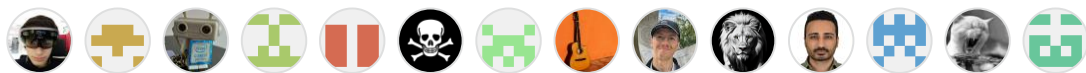
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Packages

No packages published

Contributors 35



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Languages

