

# CONTRIBUTING TO THE MISP PROJECT

BECOME PART OF THE COMMUNITY TO DESIGN, DEVELOP

CIRCL / TEAM MISP PROJECT

[HTTP://WWW.MISP-PROJECT.ORG/](http://www.misp-project.org/)

TWITTER: [@MISPPROJECT](https://twitter.com/MISPPROJECT)

13TH ENISA-EC3 WORKSHOP



2024-10-02

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- The MISP project has a Contributor Covenant Code of Conduct<sup>1</sup>.
- The goal of the code of conduct is to foster an **open, fun and welcoming environment**.
- Another important aspect of the MISP projects is to welcome different areas of expertise in information sharing and analysis. The **diversity of the MISP community** is important to make the project useful for everyone.

<sup>1</sup>[https://github.com/MISP/MISP/code\\_of\\_conduct.md](https://github.com/MISP/MISP/code_of_conduct.md)

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- The most common way to contribute to the MISP project is to report a bug, issues or suggesting features.
- Each project (MISP core, misp-modules, misp-book, misp-taxonomies, misp-galaxy, misp-object or PyMISP) has their **own issue management**.
- Don't forget that you can **cross-reference issues** from other sub-projects.
- If you know an answer or could help on a specific issue, we welcome all contributions including **useful comments to reach a resolution**.

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- **If you find security vulnerabilities (even minor ones) in MISP project, send an encrypted email** (info@circl.lu) with the details and especially how to reproduce the issues. Avoid to share publicly the vulnerability before a fix is available in MISP. PGP key fingerprint: CA57 2205 C002 4E06 BA70 BE89 EAAD CFFC 22BD 4CD5.
- We usually fix reported and confirmed security vulnerabilities in less than 48 hours.
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- The majority of the repositories within the MISP GitHub organisation includes automatic integration via Github Actions.
- If you contribute and make a pull-request, **verify if your changes affect the result of the tests**.
- Automatic integration is not perfect including Travis but it's a quick win to catch new bugs or major issues in contribution.
- When you do a pull-request, the CI suite is automatically called<sup>2</sup>.
  - ▶ If this fails, no worries, **review the output at Github actions** (it's not always you).
- We are working on additional automatic tests including security testing for the MISP core software (contributors are welcome).

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- All JSON format (**galaxy, taxonomies, objects or warning-lists**) are described in a JSON Schema<sup>3</sup>.
- The TravisCI tests are including JSON validation (via *jq*) and validated with the associated JSON schema.
- How to contribute a JSON library (objects, taxonomies, galaxy or warning-list):
  - ▶ If you update a JSON library, don't forget to run *jq\_all\_the\_things.sh*. It's fast and easy. If it fails, review your JSON.
  - ▶ Commit your code and make a pull-request.
- Documentations (in PDF and HTML format) for the librairies are automatically generated from the JSON via asciidoctor<sup>4</sup>.

<sup>3</sup>schema\_name.json

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- In addition to the automatic generation of documentations from JSON files, we maintain **misp-book**<sup>5</sup> which is a generic documentation for MISP including usage, API documentation, best practices and specific configuration settings.
- The book is generated in HTML, PDF, epub and mobi using GitBook<sup>6</sup> which is a framework to write documentation in Markdown format.
- TravisCI is included in misp-book and **the book generation is tested at each commit.**
- The MISP book is regularly published on misp-project.org and circl.lu website.
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- **Update only the markdown file**, the XML and ASCII for the IETF I-D are automatically generated.
- If a major release or updates happen in the format, we will publish the I-D to the IETF<sup>9</sup>.
- The process is always MISP implementation → IETF I-D updates.

<sup>8</sup><https://github.com/MISP/misp-rfc>

<sup>9</sup><https://datatracker.ietf.org/doc/search/?name=misp&activedrafts=on&rftcs=on>

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