

# Contributing to MISP Project

Become part of the community to design, develop and improve information sharing



**CIRCL**  
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# Code of Conduct

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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.

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

## Reporting a bug, an issue or suggesting features

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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**.

## Reporting security vulnerabilities

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- **If you find security vulnerabilities (even minor ones) in MISP project, send an encrypted email** ([info@circl.lu](mailto: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.
- **We will request a CVE number** if the reporters didn't ask for one (don't forget to mention how you want to be credited).

## Automatic integration and testing

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- The majority of the repositories within the MISP GitHub organisation includes automatic integration with TravisCI.
- 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, TravisCI is automatically called<sup>2</sup>.
  - If this fails, no worries, **review the output at Travis** (it's not always you).
- We are working on additional automatic tests including unit testing for the MISP core software (contributors are welcome).

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<sup>2</sup><https://travis-ci.org/MISP>

## JSON validation for MISP libraries

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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>.

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

<sup>4</sup>example https:

# Documentation

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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.
- Contributors are welcome especially for new topics<sup>7</sup> and also fixing our broken english.

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<sup>5</sup><https://github.com/MISP/misp-book>

<sup>6</sup><https://github.com/GitbookIO>

<sup>7</sup>Topics of interest are analysts best-practices,

## Internet-Draft - IETF for MISP formats

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- If you want to contribute to our IETF Internet-Draft for the MISP standard, [misp-rfc](#)<sup>8</sup> is the repository where to contribute.
- **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.

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

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