# Contributions

## Helping out

### Run the latest version from GitHub

Run the tool in debug mode (use lynis audit system --profile developer.prf) and see if it shows any error.

### Report bugs

Create a GitHub issue on the issue tracker.

### Suggest changes (pull request)

When you find something that can be improved, fork the project and create a pull request.

### Translations

See the db/languages directory.

## Developer Guidelines

To ensure all pull requests can be easily checked and merged, here are some tips:

\* Your code should work on other platforms running the bourne shell (/bin/sh), not just BASH.

\* Properly document your code where needed. Besides the 'what', focus on explaining the 'why'.

\* Check the log information (lynis.log) of your new test or changed code, so that it provides helpful details for others.

## Code Guidelines

### General

Identation should be 4 spaces (no tab character).

### Comments

Comments: use # sign followed by a space. When needed, create a comment block.

Blank lines: allowed, one line maximum.

### Functions

All functions use CamelCase to clearly show a difference between shell built-in commands, or external commands.

### Variables

Variables should be capitalized, with underscore as word separator (e.g. PROCESS\_EXISTS=1).

## Pull Requests

We welcome any contribution to improve Lynis. Contributions to the Lynis project can

be submitted as a pull request. The upstream project can be found in our [GitHub repository](https://github.com/CISOfy/lynis).

By submitting a [Pull Request](https://help.github.com/articles/using-pull-requests/)

to this repository, you agree that you:

1. Own the contribution that you are providing or have obtained permission from

the contribution owner

2. Allow your contribution to be licensed under the license of the target

project (GPLv3)

3. Allow your contribution to be freely distributed to the Lynis community

4. Allow the project the [Unlimited Rights](#Unlimited-Rights) to your contribution

If you have questions regarding development, send us an e-mail at [lynis-dev](mailto:lynis-dev@cisofy.com).

## Unlimited Rights

Our project is licensed under GPLv3. By providing a contribution to the project,

it will be used for the purpose of the project. Unlimited rights includes the

rights to use, modify, reproduce, release, perform, display, or disclose computer

software or computer software documentation in whole or in part, in any manner

and for any purpose whatsoever, and to have or authorize others to do so.

If you want to be named in as a contributor in the CONTRIBUTOR file, then include

this notition in your pull request. Preferred format: Full Name, and your e-mail

address).