

## Introduction

This document intends to give few information about how to contribute to the i-MSCP project. The i-MSCP development team is using git as version control management system. All i-MSCP git repositories are hosted on Github, allowing any user to fork them and submit patches.

## How to start

If you want contribute to the i-MSCP project, you must first fork the development branch located at <https://github.com/i-MSCP/imscp>. In order, you must do the following:

- Create an account on [Github](#)
- Create a fork of the i-MSCP development branch located at <https://github.com/i-MSCP/imscp>
- Clone your fork on your local system

The latest task can be done like this on your local system:

```
git clone git://github.com/<your_username>/imscp.git
```

Once you did that, it's also recommended to create a specific feature branch. For instance, if you want create a new feature for i-MSCP called **new-feature**, just create the new-feature branch as follow:

```
git branch new-feature
```

and then, you can start to add/modify files. See <http://gitref.org/> to learn more about how to work with git.

When your work is ready, you can do a pull request to ask the i-MSCP development team to merge it in the development branch. This can be done from the Github interface. See [Howto do a pull request](#)

## Keep your fork synced with the upstream branch

Sometimes it takes a while to merge your changes with upstream, a good way to sync your branch with the upstream is to add a second remote url (the upstream repository) and periodically fetch the changes from there:

- Add the upstream (official) code into your server (needed to rebase)

```
git remote add upstream https://github.com/i-MSCP/imscp.git
```

- Fetch any new changes from the original repository

```
git fetch upstream
```

- Merge the upstream code with yours, no more steps if there aren't code conflicts.

```
git merge upstream/master
```

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