# Source code management

## Intro

In general, the repository will contain the tests, documents, configuration files and any other file of interest for the project.

## Usage model

### Branch management

In the repository there will be one main branch:

* **master**: in which all the code relevant for the project will be committed.

In addition to **master**, the developers can create secondary branches from it in order to not have any major conflict when merging code.

## Commit guide

### Making a commit

The commit operation must adhere to the following rules:

* A commit should only contain changes to a single issue. However, it is possible to reference more than one when the same functionality affects different issues.
* Commit titles should be both short, descriptive and should have the number of the issue referenced in it.
* Commit descriptions should contain relevant information about what was changed in this commit.

### Template for the realization of commit

*[Type] Title (reference to the issue):* It should be concise and express the general idea of the issue in approximately one line. The *Type* field will refer to one of the following values:

* **feat**: New functionality.
* **fix**: Fixed some bug.
* **docs**: Change in the documentation.

And the reference to the issue is marked by hashtag plus the code of the issue, e.g.: [#33](https://github.com/AIR-FOI-HR/AIR19E1/issues/33).

*Description:* It must have enough level of detail so that other members can understand the change made to the code or the docs.