# Contributing to Piranha

First off, thanks for showing interest in contributing to Piranha. Let's make

this short and sweet so we can all go back to coding awesome new features!

## What is Piranha

Piranha is a \*\*framework\*\* and does \*\*not\*\* contain any components that produce

client code. If you want to contribute such functionality, this is \*\*not\*\* the place

and you should instead create your own community package.

Piranha is \*\*cross platform\*\*. This means that nothing can be added to the core

packages that creates a dependency on a specific operating system or runtime

environment. If you want to contribute such functionality you should also create

your own community package.

Piranha is \*\*lightweight\*\*. Just because you \*\*can\*\* add a feature doesn't necessarily

mean that you \*\*should\*\*. If you're not sure if your idea fits the project, please open

an issue to get a second opinion on it.

## Testing

When contributing new functionality, make sure you add the adequate tests

for your code. We want our test coverage to \*\*go up\*\* (or at least stay the same)

with each commit. For testing we use the `xunit` test framework. If you contribute

functionality to an existing project, please add tests in the matching test project.

If you contribute by creating a new project, please create a new matching test project.

Integration tests \*\*must\*\* run on `SQLite` so that they can be executed on our

build servers. Possible test data should be seeded before the tests starts and

deleted after the tests are finished so that tests can be run several times

without resetting the environment.

## Adding features

To keep commit logs as clean as possible we use the GitHub workflow with feature

branches. This means:

1. \*\*Never\*\* write any code in your `master` branch

2. When writing code, do it in a specific feature branch

3. Send your pull request from that feature branch back to this repo

4. After your pull request has been accepted, sync the changes into your master from the upstream remote

5. Delete you feature branch

6. Again, \*\*NEVER\*\* write any code in your `master` branch