

Development-Environment

Develop on a Linux box or a Mac. It makes things easier. You can develop on the Raspberry Pi, but its too slow. If you don't have a Linux or Mac running then I suggest to use VirtualBox and install Ubuntu.

Install Node.js

You need to install or update to the **LTS** version of Node.js ([version 4.4.5](#) at the time of writing). Earlier versions of Node.js aren't supported.

Setup pimatic for development

```
mkdir pimatic-dev  
npm install pimatic --prefix pimatic-dev
```

to install the pimatic framework.

Copy the default config file:

```
cd pimatic-dev  
cp ./node_modules/pimatic/config_default.json ./config.json
```

You should end up with this in your `pimatic-dev` directory:

<code>config.json</code>	the config file
<code>node_modules</code>	directory for the framework and plugins
<code>node_modules/pimatic</code>	the pimatic framework files

Debug outputs

You should add these options to the `settings` section of your `config.json` to get debug outputs

```
"debug": true,  
"logLevel": "debug"
```

Editor / IDE Setup

Coffeescript is whitespace sensitive, so make sure to use the following editor settings:

- tab size: 2
- translate tabs to spaces: true
- max line length: 100

I'm using [sublime text](#) as a editor. An example project config would be:

```
{
  "folders":
  [
    {
      "path": "."
    }
  ],
  "settings":
  {
    "tab_size": 2,
    "translate_tabs_to_spaces": true,
    "rulers": [100]
  }
}
```

If you use sublime then install [BetterCoffee](#).