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## Future development

See also [README.md](README.md#read-me-first)

## Coding style

1. Don't use tab or smart tab;

1. Use `2-space` instead of a tab;

1. Contribute to library file under `./lib/` directory;

1. We try to follow the convention from:

https://github.com/icy/bash-coding-style.

## Testing. Writting test cases

See also `tests/README.md` and https://travis-ci.org/icy/pacapt.

1. Use `make shellcheck` if you have a network connection,

and enough `Perl` packages (`JSON`, `URI::Escape`) on your system;

1. Use `PACAPT\_DEBUG=foo` where `foo` is a package manager

(`dpkg`, `pacman`, `zypper`, ...) to print what `pacapt` will do.

Use `PACAPT\_DEBUG=auto` for auto-detection;

1. You can use `docker` for testing, by mounting the `pacapt.dev` script

to the container. See also `docker.i` section in `Makefile`. Example:

````

$ make pacapt.dev

$ docker run --rm -ti \

-v $PWD/pacapt.dev:/usr/bin/pacman \

debian:stable /bin/bash

# you are in container now

````

## Generating `pacapt` script

1. The `pacapt` script is generated from the latest stable branch,

it is there to make installation process simple;

1. Please \*\*do not\*\* use `make pacapt` to update `pacapt`,

and/or modify it manually;

1. For your development, use `make pacapt.dev`;

## Branches

1. `ng`:

The current development branch.

Some pull requests are merged on to this branch,

but the work may not be ready for production.

1. `v2.0`:

The current stable branch.

All future `v2.x` releases come from this branch.

1. `your feature branch`:

For new feature or bug fix, please work on your own branch

and create pull request.

Do not put different ideas on a same branch

because that makes future tracking harder.

## Closed branches

1. `master`:

The old stable code of the `pacapt`.

This branch is closed on May 4th, 2014.