# Contributing

## New Versions

\*\*All new versions or checksums should be submitted to the [ruby-versions]

repository.\*\*

## Code Style

\* Tab indent code.

\* Spaces may be used to align multi-line commands.

\* (Try to) Keep code within 80 columns.

\* Use [bash] <= 3.x features.

\* Quote all String variables.

\* Use `(( ))` for arithmetic expressions and `[[ ]]` otherwise.

\* Use `$(...)` instead of back-ticks.

\* Use `${path##\*/}` instead of `$(basename $path)`.

\* Use `${path%/\*}` instead of `$(dirname $path)`.

\* Always use `"$@"` and `${array[@]}` instead of `$\*` or `${arry[\*]}`,

respectively.

\* Prefer single-line expressions where appropriate:

[[ -n "$foo" ]] && other command

if [[ "$foo" == "bar" ]]; then command

elif [[ "$foo" == "baz" ]]; then other\_command

fi

case "$foo" in

bar) command ;;

baz) other\_command ;;

esac

\* Use the `function` keyword for functions.

\* Put curly braces on a new line so they align.

\* Load function arguments into local variables for readability:

function do\_stuff()

{

local ruby="$1"

local version="$2"

# ...

}

\* Explicitly return error codes with `|| return $?`.

\* Keep branching logic to a minimum.

\* Code should be declarative and easy to understand.

## Pull Request Guidelines

\* Utility functions should go into `share/ruby-install/ruby-install.sh`.

\* Generic installation steps should go into `share/ruby-install/functions.sh`.

\* Ruby specific installation steps should go into

`share/ruby-install/$ruby/functions.sh` and may override the generic steps in

`share/ruby-install/functions.sh`.

\* Ruby build dependencies should go into

`share/ruby-install/$ruby/dependencies.txt`.

\* All new code must have [shunit2] unit-tests.

### What Will Not Be Accepted

\* Options for Ruby specific `./configure` options. You can pass additional

configuration options like so:

ruby-install ruby 2.0 -- --foo --bar

\* Excessive version or environment checks. This is the job of a `./configure`

script.

\* Excessive OS specific workarounds. We should strive to fix any Ruby build

issues or OS environment issues at their source.

\* Building Rubies from HEAD. This is risky and may result in a buggy/broken

version of Ruby. The user should build development versions of Ruby by hand

and report any bugs to upstream.

[Makefile]: https://gist.github.com/3224049

[shunit2]: http://code.google.com/p/shunit2/

[bash]: http://www.gnu.org/software/bash/

[ruby-versions]: https://github.com/postmodern/ruby-versions