

# Install a Gem

# Task

Use the `gem` command to install the `chuck-norris` gem.

# Things to Know

- gem help
- gem looks for gem servers to get its data from
  - there is a local gem server that you are obtaining this gem from so internet is not required
- There are a lot of gems! You can find more of them by doing a gem search!

# gem install --help

```
sauron:~ abugosh$ gem install --help
Usage: gem install GEMNAME [GEMNAME ...] [options] -- --build-flags [options]

Options:
  --platform PLATFORM      Specify the platform of gem to install
  -v, --version VERSION    Specify version of gem to install
  --[no-]prerelease        Allow prerelease versions of a gem
                           to be installed. (Only for listed gems)

Install/Update Options:
  -i, --install-dir DIR    Gem repository directory to get installed
                           gems
  -n, --bindir DIR         Directory where binary files are
                           located
  -d, --[no-]rdoc          Generate RDoc documentation for the gem on
                           install
  --[no-]ri                Generate RI documentation for the gem on
                           install
  -E, --[no-]env-shebang   Rewrite the shebang line on installed
                           scripts to use /usr/bin/env
  -f, --[no-]force         Force gem to install, bypassing dependency
                           checks
  -w, --[no-]wrappers      Use bin wrappers for executables
                           Not available on dosish platforms
  -P, --trust-policy POLICY Specify gem trust policy
  --ignore-dependencies    Do not install any required dependent gems
  -y, --include-dependencies
                           Unconditionally install the required
                           dependent gems
  --[no-]format-executable Make installed executable names match ruby.
                           If ruby is ruby18, foo_exec will be
                           foo_exec18
  --[no-]user-install      Install in user's home directory instead
                           of GEM_HOME.
  --development            Install any additional development
                           dependencies
  --conservative           Don't attempt to upgrade gems already
                           meeting version requirement

Local/Remote Options:
  -l, --local              Restrict operations to the LOCAL domain
  -r, --remote             Restrict operations to the REMOTE domain
  -b, --both               Allow LOCAL and REMOTE operations
  -B, --bulk-threshold COUNT
                           Threshold for switching to bulk
                           synchronization (default 1000)
  --clear-sources          Clear the gem sources
  --source URL             Add URL as a remote source for gems
  -p, --[no-]http-proxy [URL]
                           Use HTTP proxy for remote operations
  -u, --[no-]update-sources
                           Update local source cache

Common Options:
  -h, --help              Get help on this command
  -V, --[no-]verbose       Set the verbose level of output
  -q, --quiet             Silence commands
  --config-file FILE      Use this config file instead of default
  --backtrace             Show stack backtrace on errors
  --debug                Turn on Ruby debugging
```