

# Setting up Travis CI for Ruby app

[Back to Articles](#)

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## Changes in App

- add /.travis.yml

```
language: ruby
sudo: required
dist: trusty

addons:
  chrome: stable
  cache:
  bundler: true

before_install:
- gem update bundler
- gem install bundler
- google-chrome-stable --headless --disable-gpu --no-sandbox --remote-debugging-port=9222
http://localhost &

rvm:
- 2.5.5
- 2.6.3

env:
global:
- NOKOGIRI_USE_SYSTEM_LIBRARIES=true
# Travis should check every minor version in a range of supported versions, because
# rails does not follow sem-ver conventions, see http://guides.rubyonrails.org/maintenance_policy.html
# It should be sufficient to test only the latest of the patch versions for a minor version, they
# should be compatible across patch versions (only bug fixes are released in patch versions).
matrix:
- "RAILS_VERSION=5.2.4"

services:
- redis-server
before_script:
- jdk_switcher use oraclejdk8
```

- add /tasks/\_MY\_APP\_NAME\_-dev.rake (e.g. exhibits-dev.rake)

```

# frozen_string_literal: true
require 'bundler/gem_tasks'
require 'rspec/core/rake_task'
require 'rubocop/rake_task'

RSpec::Core::RakeTask.new(:spec)

desc 'Run style checker'
RuboCop::RakeTask.new(:rubocop) do |task|
  task.requires << 'rubocop-rspec'
  task.fail_on_error = true
end

# desc "Run continuous integration build"
# task ci: ['engine_cart:generate'] do
#   Rake::Task['spec'].invoke
# end

desc 'Run continuous integration build'
task ci: ['rubocop', 'spec']

task default: :spec

```

## Changes in Github

In the repo settings

### Webhooks (left menu)

- Turn off old webhooks
  - click Edit beside webhook
  - uncheck Active
  - click Update webhook button
- Add Travis webhook
  - click Add webhook button (above list)
  - Payload URL: <https://notify.travis-ci.org>
  - Which events would you like to trigger this webhook? select Let me select individual events

There may be reasons to do this different, but this is what I general check...

- Branch or tag creation
- Branch or tag deletion
- Collaborator add, remove, or changed
- Issue comments
- Pull requests
- Pushes
- Repositories
- Visibility changes
- click Add webhook button

### Branches (left menu)

- if Default branch (e.g. main, dev, etc.) is not listed under Branch protection rules, click Add rule button
  - set Branch name pattern: *default branch's name*
  - check Require status checks to pass before merging
    - check continuous-integration/travis-ci
  - click Save changes button

## Changes in Travis

- turn on Travis for the repo
  - login
  - click user icon and select Settings
  - in left menu, select organization
  - in filter, search for repo name
  - click switch button to turn on travis for that repo

## Testing that it all works

Travis won't run until the next commit. To test, change a file (e.g. edit README.md and make a minor change), commit and push to GitHub in a branch. This will trigger the Travis build.