

Dockerized Tests for a Ruby on Rails application

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Objectives

- Test environment setup and maintenance is quite unstable on both local and CI. Try out the improvements if any by moving the test environment to a docker container.
- Extend [rails-template](#) with:
 - Dockerized test setup.
 - Add additional gems(libraries) and their standard config to support seamless setup of test environment.
- Explore `Docker` support on CI (Semaphore).

Achievements and progress

- Could setup the test environment of a Rails app ([travelbook](#)) inside a docker container.
 - Outcomes:
 - Stable test environment.
 - Marginally faster test-suite. (Test suite on travelbook took < 8 minutes as compared to > 9 minutes on semaphore)
- Explored docker integration on Semaphore.
 - Outcomes:
 - Supports creation of docker images and containers.
 - Got some errors when using *docker-cache* tool on Semaphore. Restoring cached images kept failing the build.

Rails app created with [rails-template](#) now come fully configured with:

- Dockerized setup of test environment.
- Standardized structure of the *spec* folder.
- Added new dependencies(gems) for some seamless test setup and maintenance.

Thanks!

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