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Declare app dependencies

Next steps

Heroku recognizes an app as a Ruby app by the existence of a Gemfile file in the root directory.

The demo app you deployed already has a Gemfile, and it looks something like this:

```
source 'https://rubygems.org'

ruby '2.3.1', :engine => 'jruby', :engine_version => '9.1.5.0'

# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '4.1.8'

# Use postgresql as the database for Active Record
gem 'activerecord-jdbcpostgresql-adapter'
gem 'rails_12factor', group: :production
gem 'puma'

# Use SCSS for stylesheets
gem 'sass-rails', '~> 4.0.3'

# Use Uglifier as compressor for JavaScript assets
gem 'uglifier', '>= 1.3.0'
...
```

The Gemfile file specifies the dependencies that should be installed with your application. You can also use it to determine the version of Ruby that will be used to run your application on Heroku.

When an app is deployed, Heroku reads this file and installs the appropriate Ruby version together with the dependencies using the bundle install command.

A prerequisite to running any app locally is to install the dependencies locally as well. This particular Gemfile has a dependency, pg , which will only resolve if you have Postgres installed locally. Please install Postgres before you proceed.

Now run bundle install in your local directory to install the dependencies, preparing your system for running the app locally:

```
> jruby -S bundle install --binstubs
Using rake 10.3.2
Using il8n 0.6.9
Using json 1.8.1
Using minitest 5.3.5
....
Using puma 2.11.0
Your bundle is complete!
```

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I've installed the app dependencies locally (declare-app-dependencies)

 $(Log\ in\ (login?back_to=\%2Farticles\%2Fgetting-started-with-jruby\%23declare-app-dependencies)\ to\ save\ and\ track\ your\ progress)$