

# A Pleasant Development Environment featuring Docker and Rails

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— Chris Cumming —

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# Who am I? (i.e. Shameless Self Promotion)



Software Consultant

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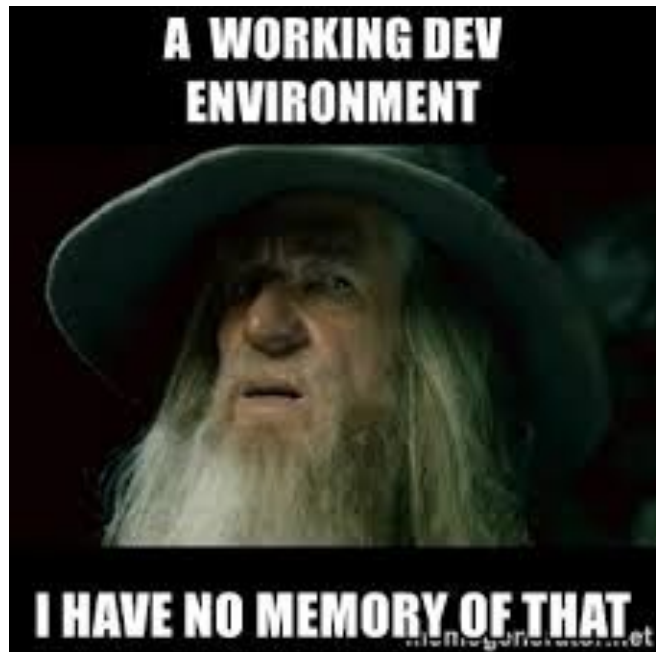
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# What is a Development Environment?



# History of my Development Environments

- 1) Oral tradition
- 2) Documentation
- 3) Good defaults in source control
- 4) Including libraries in source control  
(no longer do this)
- 5) Scripts
- 6) Virtual machines
- 7) Docker



# What Makes a Development Environment Pleasant?

Good defaults

Documented & Automated

Easy to reproduce/portable

Versioned

Self contained

Close to production as possible



# What is Docker?

A container is a standard unit of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another. A Docker container image is a lightweight, standalone, executable package of software that includes everything needed to run an application: code, runtime, system tools, system libraries and settings.

<https://www.docker.com/resources/what-container>



# Why use Docker?

Best tool to meet all the Good Development Environment requirements.



# Demo Time

Options:

- Setup new Rails app in Docker?
- Dockerize an existing application?





# Learn More

## Rails Template

<https://github.com/saturdaymp-examples/rails-template>

## Quickstart: Compose and Rails

<https://docs.docker.com/compose/rails/>

## Follow up Questions

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