




# Improving VASmalltalk deployment, availability and scalability with Docker


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Smalltalks 2019


**Mariano Martinez Peck**

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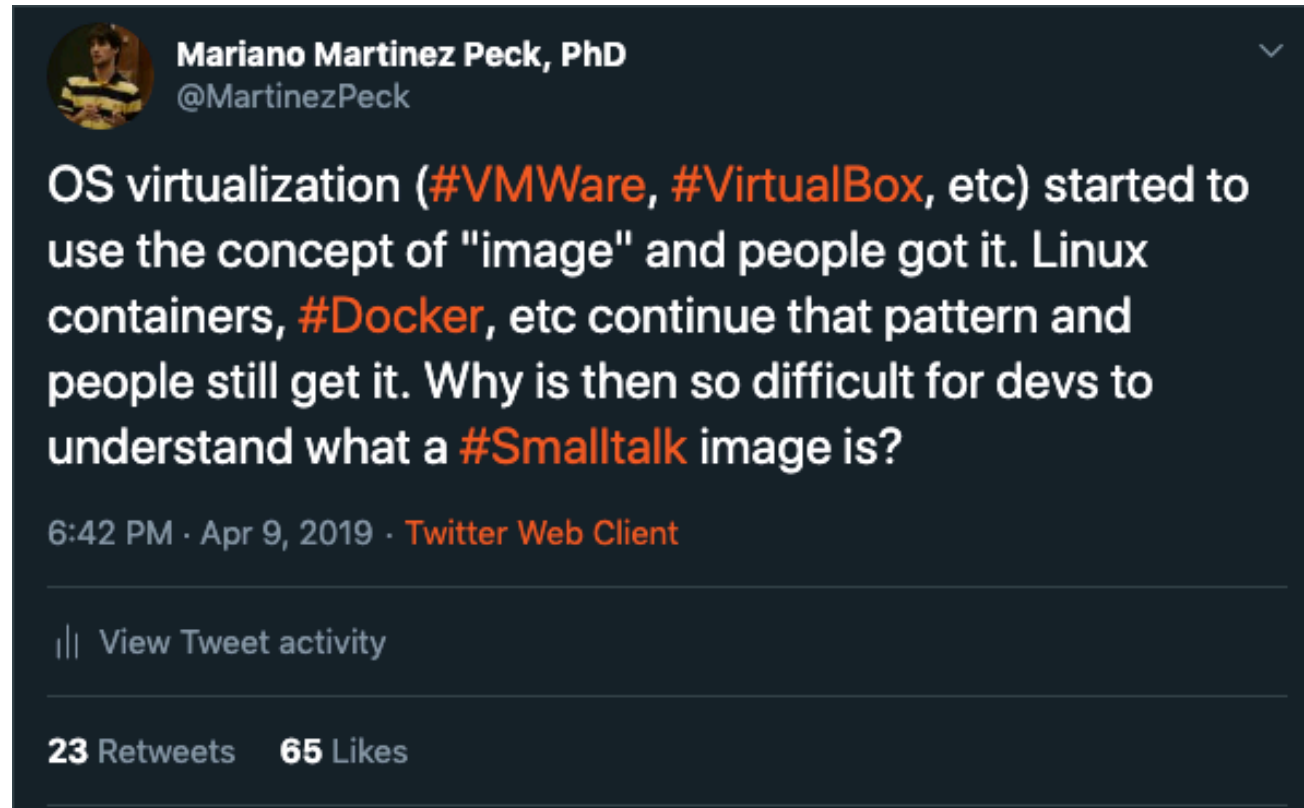
 [linkedin.com/in/mariano-martinez-peck](https://www.linkedin.com/in/mariano-martinez-peck)

 <https://marianopeck.blog/>


# Linux Containers



# Docker




A screenshot of a tweet from Mariano Martinez Peck, PhD (@MartinezPeck) on a dark background. The tweet text discusses OS virtualization and Linux containers. The tweet includes a timestamp, a link to view activity, and engagement statistics.

 **Mariano Martinez Peck, PhD**  
@MartinezPeck

OS virtualization ([#VMWare](#), [#VirtualBox](#), etc) started to use the concept of "image" and people got it. Linux containers, [#Docker](#), etc continue that pattern and people still get it. Why is then so difficult for devs to understand what a [#Smalltalk](#) image is?

6:42 PM · Apr 9, 2019 · [Twitter Web Client](#)

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**23** Retweets **65** Likes

# Why is Docker relevant for Smalltalk?

- › Easier deployment
- › Leverage dev, testing and production env
- › Hardware optimization
- › Allows "Infrastructure as code"
- › Reproducible process
- › Easy horizontal scaling (with Docker Swarm)
- › Big players behind it
- › Many others...

# How to Dockerize a Smalltalk application?



# Demo

GitHub, Inc. [US] | github.com/vasmalltalk/docker-examples/

vasmalltalk / docker-examples

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A public place with examples of VA Smalltalk running with Docker Edit

vasmalltalk docker docker-compose docker-swarm smalltalk webapp containers linux-containers Manage topics

39 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find File Clone or download

**marianopeck** Doing a pass on README Latest commit dfde0a3 20 days ago

source	* Updated debian slim example to use Buster release	22 days ago
.gitattributes	Starting to put together a place for Docker examples.	6 months ago
.gitignore	Add .gitignore to ignore abtpay files"	3 months ago
CONTRIBUTING.md	Starting to put together a place for Docker examples.	6 months ago
LICENSE	Starting to put together a place for Docker examples.	6 months ago
README.md	Doing a pass on README	20 days ago

README.md

## Docker and VA Smalltalk Examples

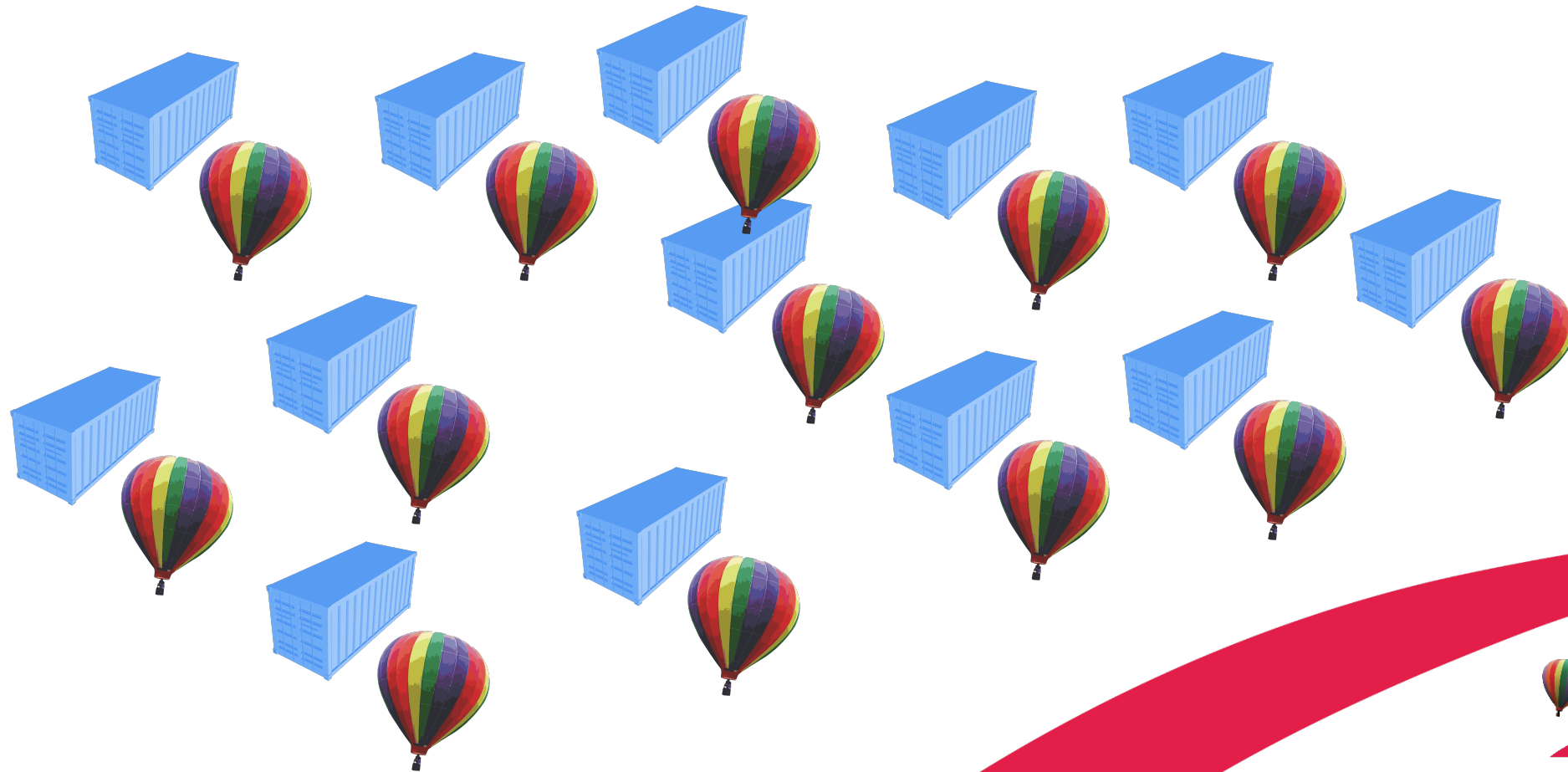
Running VA Smalltalk on Docker containers!  
[Report a defect](#) | [Request feature](#)

This project serves as a public place where VA Smalltalk users can see and submit Docker examples. Ideally we would like to have many examples showing different operating systems, CPU architectures, alternatives and customizations.



# Showtime!

# How to build a Docker Swarm cluster?





# Showtime!

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# Thank you for your Attention


Questions?


## Mariano Martinez Peck

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