Improving VASmalltalk deployment, availability and scalability with Docker

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Mariano Martinez Peck
Software Engineer

mpeck@instantiations.com
@MartinezPeck
linkedin.com/in/mariano-martinez-peck
https://marianopeck.blog/
Mariano Martínez Peck
Senior Software Engineer at Instantiations
Argentina · 500+ connections · Contact info

Mariano Martínez Peck, PhD
Smalltalk developer and OOP evangelist. Interested in IoT, Edge Computing, Single Board Computers, Docker, etc. PhD in Computer Science.
Linux Containers
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?
Why is Docker relevant for Smalltalk?

› Easier deployment
› Leverage dev, testing and production env
› Hardware optimization
› Allows “Infrastructure as code”
› Reproducible process
› Big players behind it
› Many others...
How to Dockerize a Smalltalk application?
Demo

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!
Contact Us

› Try Kubernetes and OpenShift
› k3OS + k3s
Thank you for your Attention

Questions?

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