



DOES THE IOT APPSTORE EXIST?



About your speaker

github.com/jbaruch @jbaruch

linkd.in/jbaruch



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Current **Developer Advocate at JFrog Ltd**



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Developer who?

Job Description:

1. Hang out
with DevOps

2. Talk about it

Developer who?



What Frog?



What Frog?



What Frog?



What Frog?





JFrog Artifactory



JFrog Artifactory



JFrog Bintray



JFrog Artifactory



JFrog Bintray



JFrog Mission Control

JAN 20, 2016 @ 07:03 AM 3,253 VIEWS

JFrog Raises \$50 Million To Provide The App Store For The Internet Of Things



Justin Warren, CONTRIBUTOR

I cover the enterprise tech world.

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FULL BIO 

DevOps software maker [JFrog](#) has closed a series C round of \$50 million, which it is claiming is one of the largest investments in a DevOps focused company.

How to update a router

How to update a router



How to update a router



Router Upgrade

Check for New Version from the Internet

Check for New Version Upon Log-in

Locate and select the upgrade file from your hard disk:

How to update a router

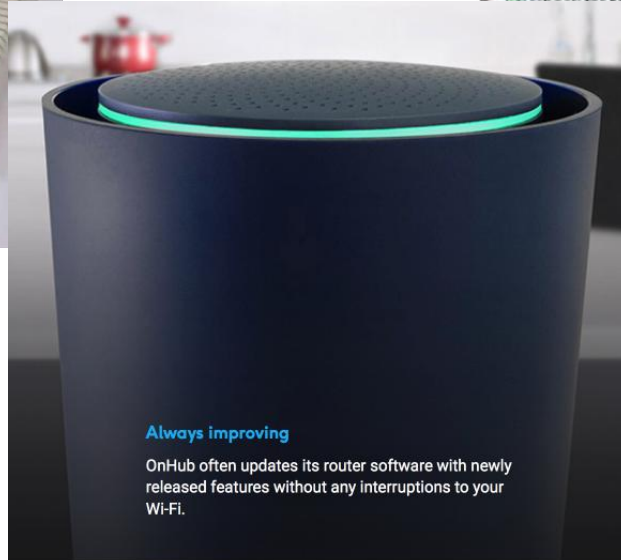
A screenshot of a web interface titled "Router Upgrade". It features a "Check for New Version from the Internet" section with a "Check" button and a checkbox for "Check for New Version Upon Log-in". Below this is a section for "Select the upgrade file from your hard disk:" with a "Browse..." button. At the bottom are "Upload" and "Cancel" buttons.

Router Upgrade

Check for New Version from the Internet

Check for New Version Upon Log-in

Select the upgrade file from your hard disk:



Always improving

OnHub often updates its router software with newly released features without any interruptions to your Wi-Fi.

What can possibly go wrong?

- state!
- version compatibility
- missing updates
- partial downloads
- partially successful updates – state!

Two brown directional road signs with white borders and white arrowheads pointing to the left. The top sign reads "Nuclear Power Plant" and the bottom sign reads "Spider Farm". The signs are mounted on two grey posts in a grassy area. In the background, there are green trees and a house with a brown roof and dormer windows under a clear blue sky.

Nuclear Power Plant

Spider Farm

The Telegraph

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Property: tear it down and rebuild

A growing trend sees buyers acquiring tired, run-down houses and replacing them with bespoke homes.

Incremental Updates vs Image Override

Feature	Updates	Override

Incremental Updates vs Image Override

Feature	Updates	Override
Download size	small	large

Incremental Updates vs Image Override

Feature	Updates	Override
Download size	small	large
Update speed	fast	slow

Incremental Updates vs Image Override

Feature	Updates	Override
Download size	small	large
Update speed	fast	slow
Downtime	short	short

Incremental Updates vs Image Override

Feature	Updates	Override
Download size	small	large
Update speed	fast	slow
Downtime	short	short
Stability	low	high

I DON'T ALWAYS UPDATE UNATTENDED DEVICES



**BUT WHEN I DO, IT'S ALWAYS
BY STARTING FROM CLEAN SLATE**

TELL ME MORE ABOUT BAKING ENTIRE IMAGES

**WHEN THERE IS A WHOLE STANDARD FOR
PACKAGES IN IOT - OPKG**

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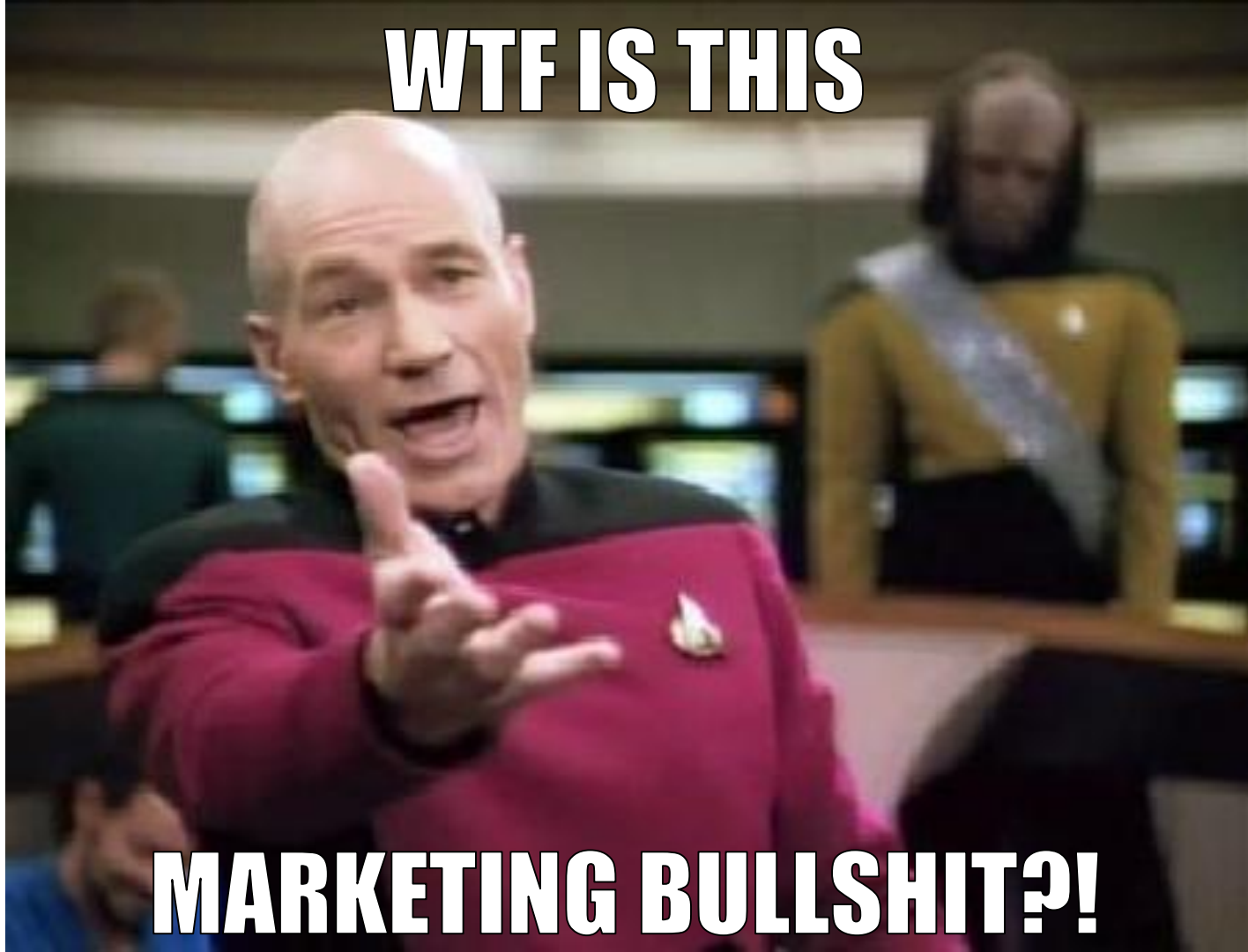


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WTF IS THIS



MARKETING BULLSHIT?!

what is appstore?

- platform for apps download by humans
- metadata like description, ratings, licenses
- version does not important
- size (and download speed) matter
- stats are nice

A black bear is standing on its hind legs in a grassy field. The bear is looking upwards and to the left, with its front paws raised. The background consists of green grass, trees, and a large rock. The text "HOW ABOUT NO" is overlaid at the bottom of the image in a bold, white, sans-serif font with a black outline.

HOW ABOUT NO

How iot updates work?

- no humans involved
- incremental updates are scary
- download time is less important than stability
- replace is preferable over upgrade
- control is critical

One More Thing!



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JFrog Artifactory



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JFrog Bintray

MAY 23-24, 2016


JFROG USER CONFERENCE

The Napa Experience

REGISTER

PROPOSE A TALK

 **LOCATION**
Napa, California

 **DATE**
MAY 23-24, 2016



That's all, Folks!