the "swiftenv" 5/26 '16

Swift 3.0 and the "swiftenv"

- with Swift 2.2. Follow swift.org and the Swift Evolution.
- versions of Swift. https://github.com/kylef/swiftenv

• Swift 3.0 will be released in late 2016. It's not source-compatible

• swiftenv allows you to easily install, and switch between multiple

Install the swiftenv from brew

- \$ brew install kylef/formulae/swiftenv # Setup your shell setting. Bash here for example. ~/.bash_profile
- # Install a different version of swift. # Check the version with the package you want to use. # Or paste the URL of .pkg file from the <u>swift.org</u> # "DEVELOPMENT-SNAPSHOT-2016-05-03-a" here for example
- \$ swiftenv install DEVELOPMENT-SNAPSHOT-2016-05-03-a
- **\$** swiftenv versions

DEVELOPMENT-SNAPSHOT-2016-05-03-a

* 2.2 (set by /Users/sodas/.swiftenv/version)

\$ echo 'if which swiftenv > /dev/null; then eval "\$(swiftenv init -)"; fi' >>

Use Swift 3.0 with Xcode



Welcome to Xcode

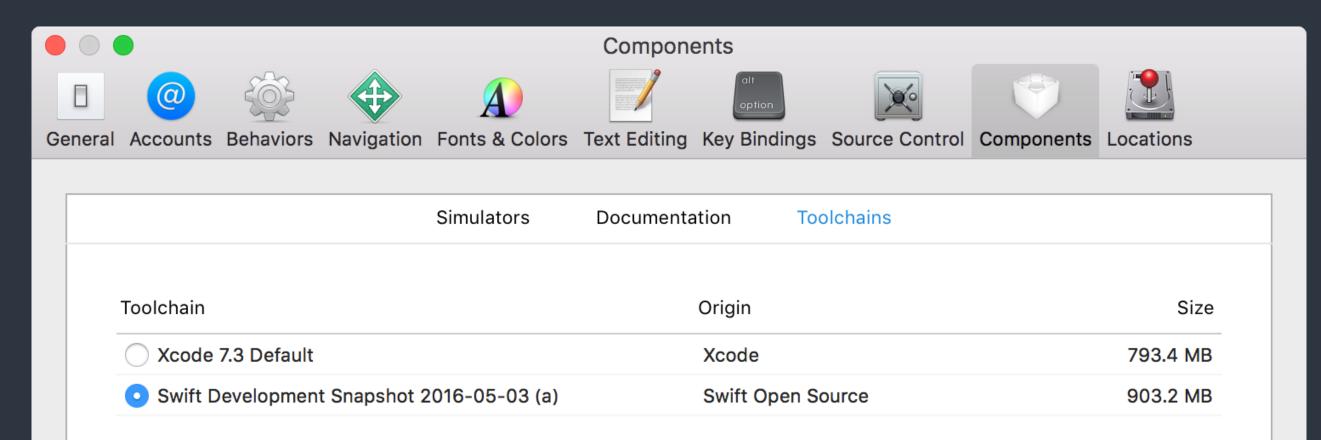
Version 7.3 (7D175) Swift Development Snapshot 2016-05-03 (a) Toolchain 🕤



Get started with a playground Explore new ideas quickly and easily.



Create a new Xcode project



Swift 3.0 and the "swiftenv"



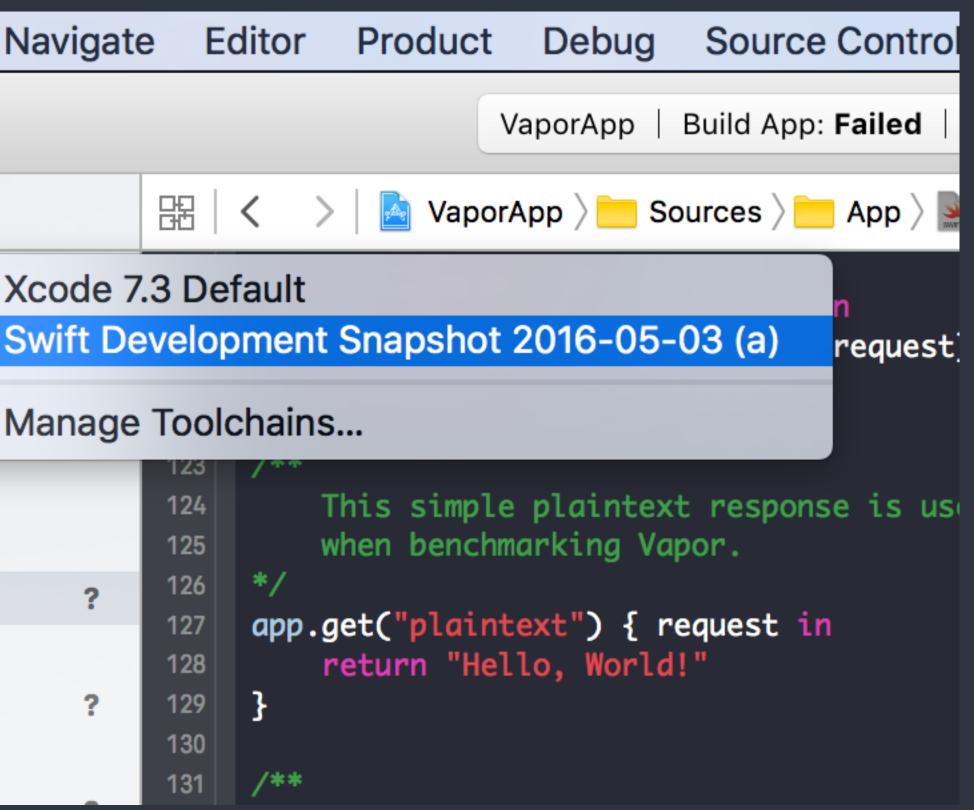
Change back to default for AppStore build.

Use Swift 3.0 with Xcode

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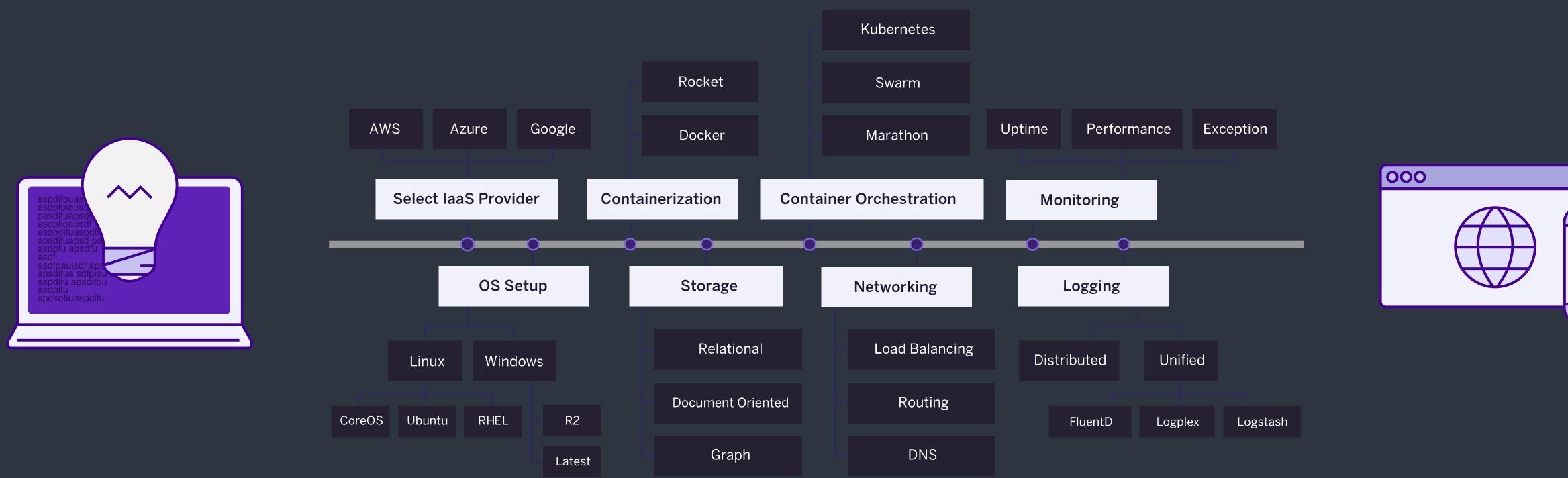
Swift 3.0 and the "swiftenv"





a PaaS provider from Salesforce

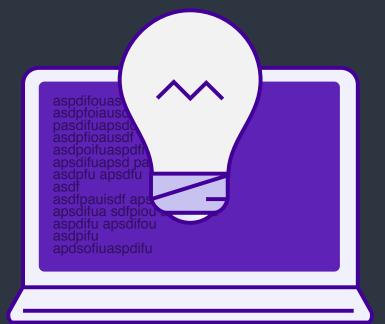




Deploy sever-side app with laaS solutions

Image Credits: <u>https://www.heroku.com</u>

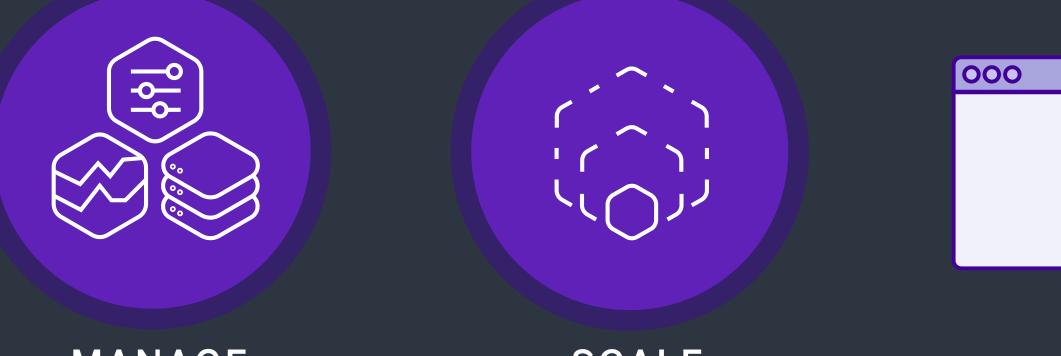






DEPLOY

Deploy sever-side app with Heroku



MANAGE

SCALE

Image Credits: <u>https://www.heroku.com</u>





Supported languages of Heroku

Image Credits: <u>https://www.heroku.com</u>

Heroku Platform

• Dyno

A lightweight Linux container that runs a single command in its environment or in your app's slug.

• Buildpacks

When the Heroku platform receives the application source, it initiates a build of the source application and assembles them into a <u>slug</u>.

Slug

A <u>slug</u> is a bundle of your source, fetched dependencies, the language runtime, and compiled/ generated output of the build system - ready for execution.

Git deployment
The Heroku platform uses git as the primary means for deploying applications.

Heroku Platform

- Heroku Add-ons fully maintained for you, either by a third-party provider or by Heroku.
- Heroku Postgres an add-on.
- Heroku Redis managed as an add-on.

Heroku > Platform

Heroku add-ons are components, services, or pieces of infrastructure that are

the SQL database service run by Heroku that is provisioned and managed as

An in-memory key-value data store, run by Heroku, that is provisioned and