

# AWS Ruby Serverless Framework Workshop (29.05.2021)



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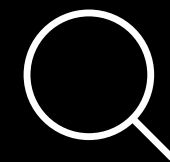
# Expectations from workshop?

ooo

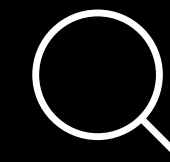
Before the workshop, I've asked why are the expectations regarding the workshop:



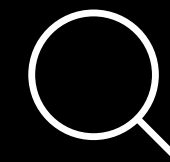
*Get to know AWS serverless a little bit more, same goes for Ruby.*



*Gain knowledge about a professional approach to solutions based on AWS services.*

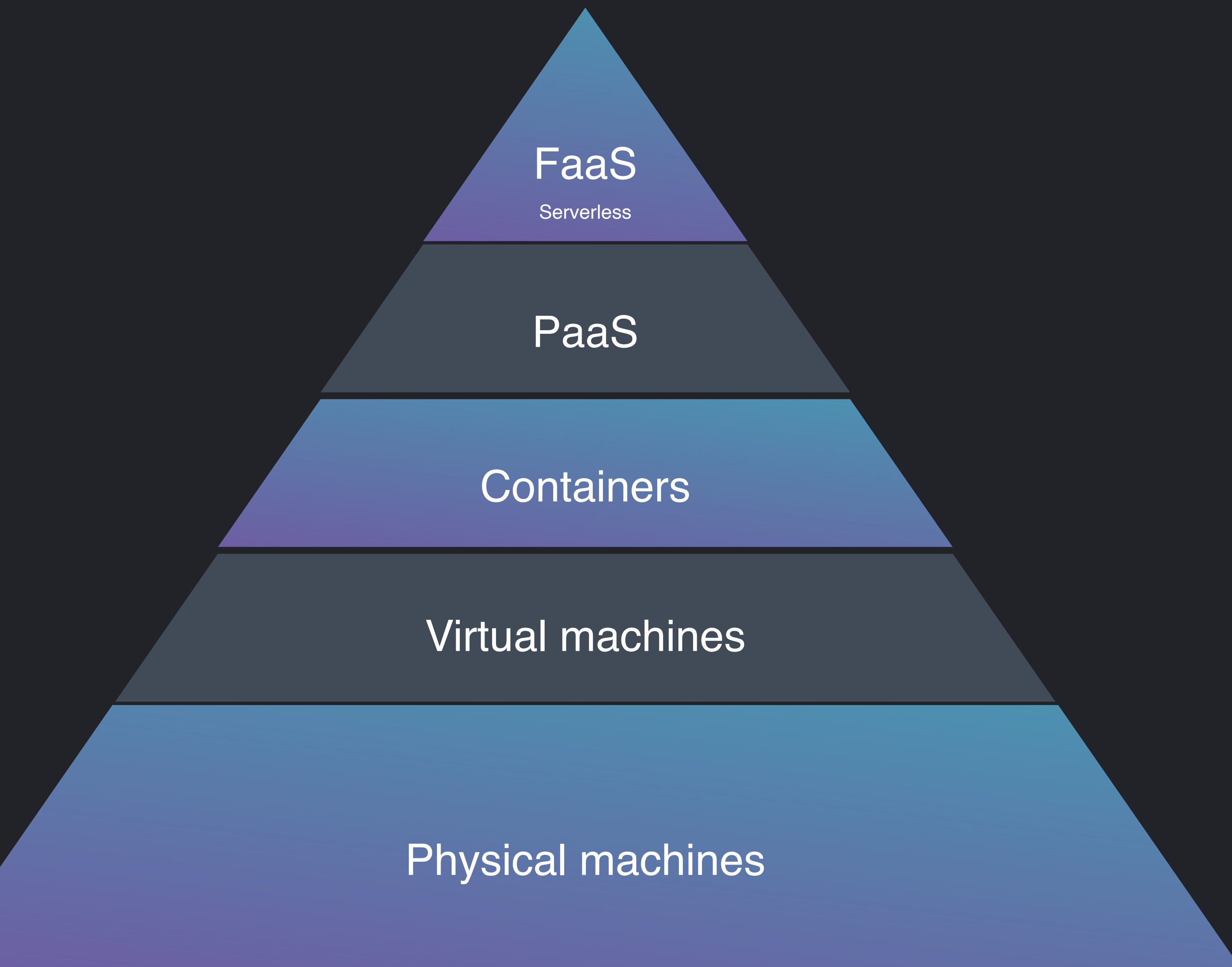


*Learn more about ruby serverless.*



*Increase my knowledge of AWS & Ruby.*





# Cloud Computing Evolution



...



“ I hope to see Ruby help every programmer in the world to be productive, and to enjoy programming, and to be happy. That is the primary purpose of Ruby language.

MATZ



FLEXIBILITY



TIME EFFICIENCY



COMMUNITY



HELPFUL TOOLS AND LIBRARIES



## Why AWS?

AWS is the leader in terms of innovation. On average AWS released services 2.5 years ahead of the competition. This also implies that the AWS service offerings are more mature and complete.

AWS is by far the market leader in the cloud computing space in terms of market penetration.



# Serverless Framework



Supports all  
cloud  
providers

CLI (not only)

Deployments

Functions/  
event triggers

Plugins

Components

Open  
Source



# AWS Lambda

*Stateless and scalable, which makes them perfect for implementing any logic that benefit from parallel processing. The most flexible and powerful serverless designs are event-driven, which means each component in the architecture reacts to a state change or notification of some kind, rather than responding to a request or polling for information.\**

*\*Serverless Architectures on AWS v2*

## Lambda Ruby Runtime

| Ruby runtimes |            |              |                  |
|---------------|------------|--------------|------------------|
| Name          | Identifier | SDK for Ruby | Operating system |
| Ruby 2.7      | ruby2.7    | 3.0.1        | Amazon Linux 2   |
| Ruby 2.5      | ruby2.5    | 3.0.1        | Amazon Linux     |

```
def endpoint(event:, context:)
  hash = {date: Time.new}
  { statusCode: 200, body: JSON.generate(hash) }
end
```



### Event

the event carries the input parameters for the function. It's JSON-formatted string.



### Context

This object provides methods and properties that provide information about the invocation, function, and execution environment.

Let's start the the practical  
part.

<https://github.com/Pigius/Ruby-Serverless-Workshop-29-05-2021>