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# A Provider-Friendly Serverless Framework for Latency-Critical Applications

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# Overview

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*Why does anyone care?*

*What's the problem?*

*How will I address this?*

*What are the consequences?*

# Overview

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*Why does anyone care?*

**Serverless makes distributed, highly parallel systems easy**

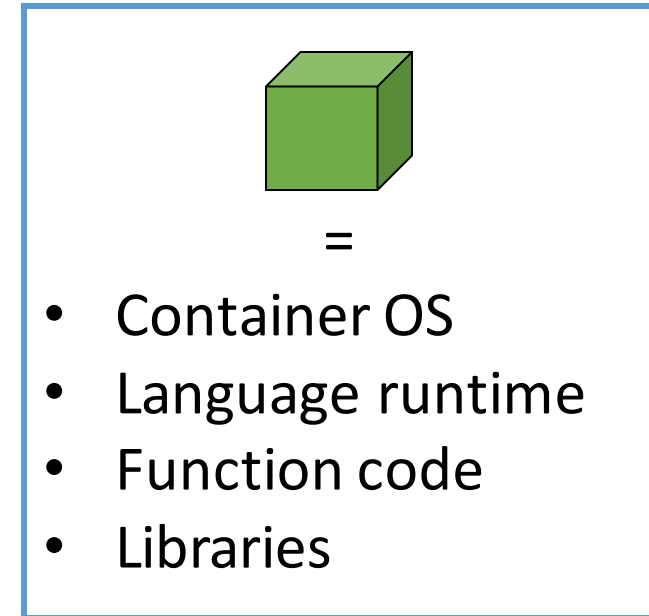
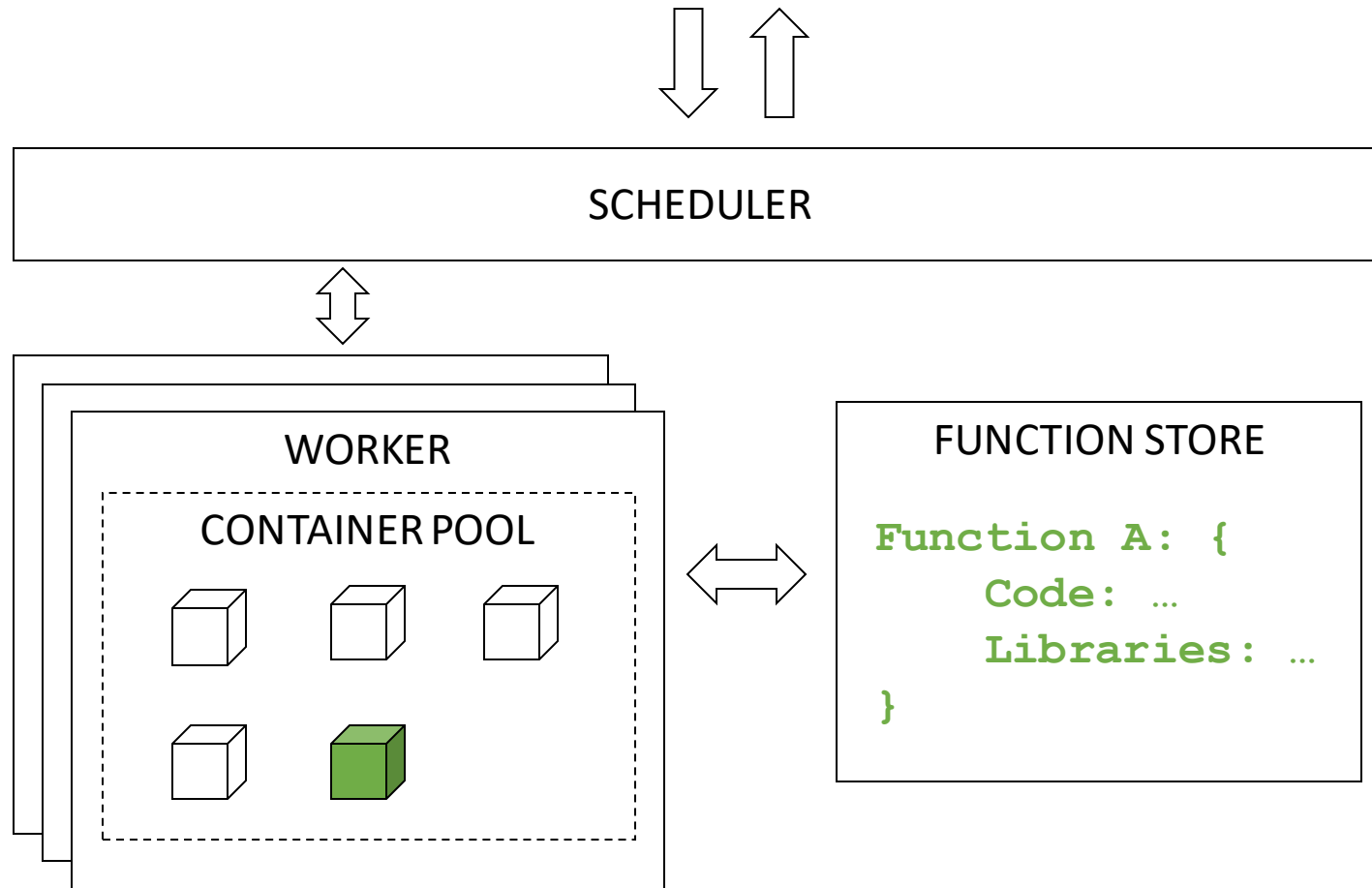
# Overview

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*What's the problem?*

**Variable latency for the user and unpredictable resource requirements for the provider**

# Serverless Architecture



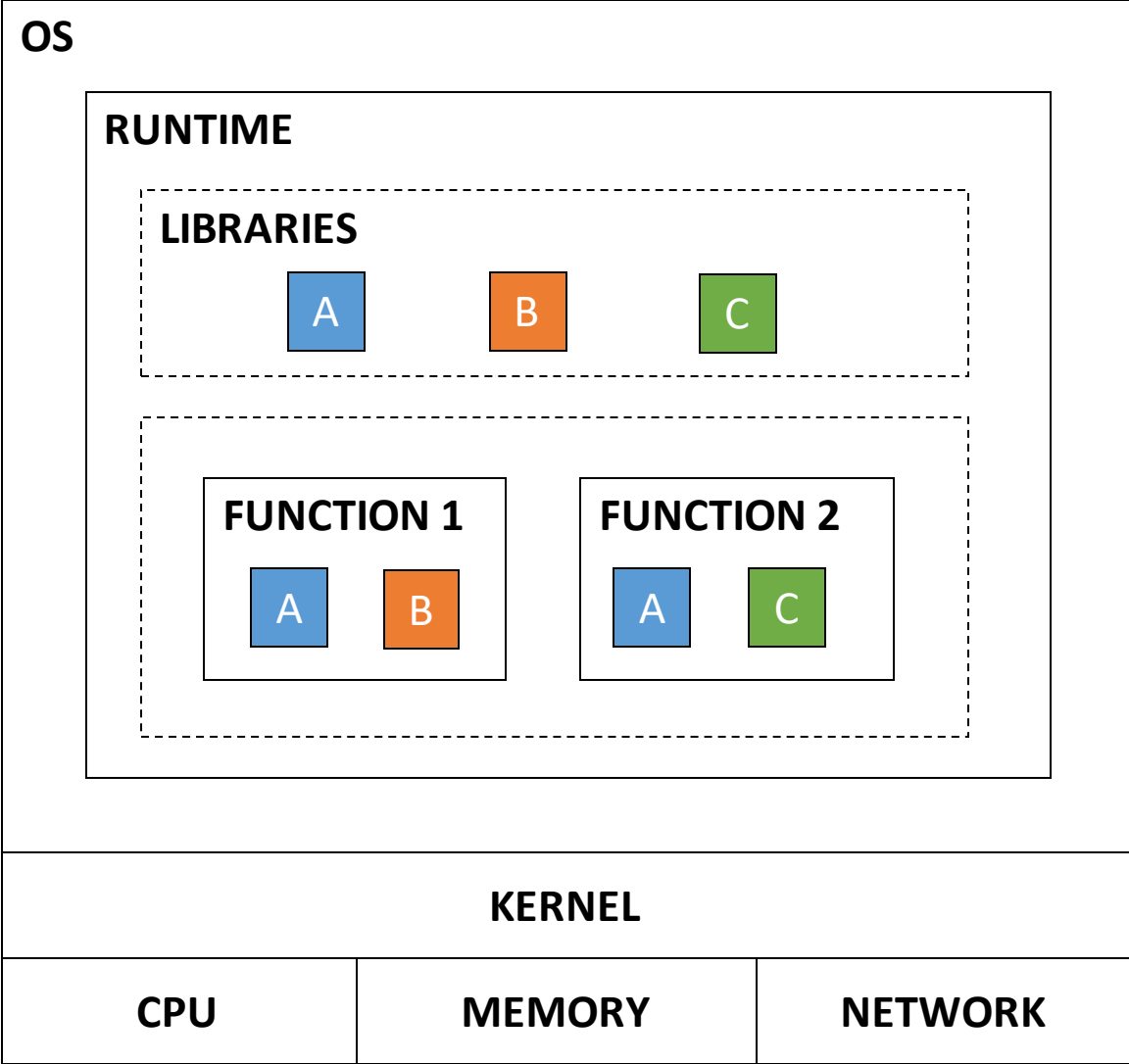
# Overview

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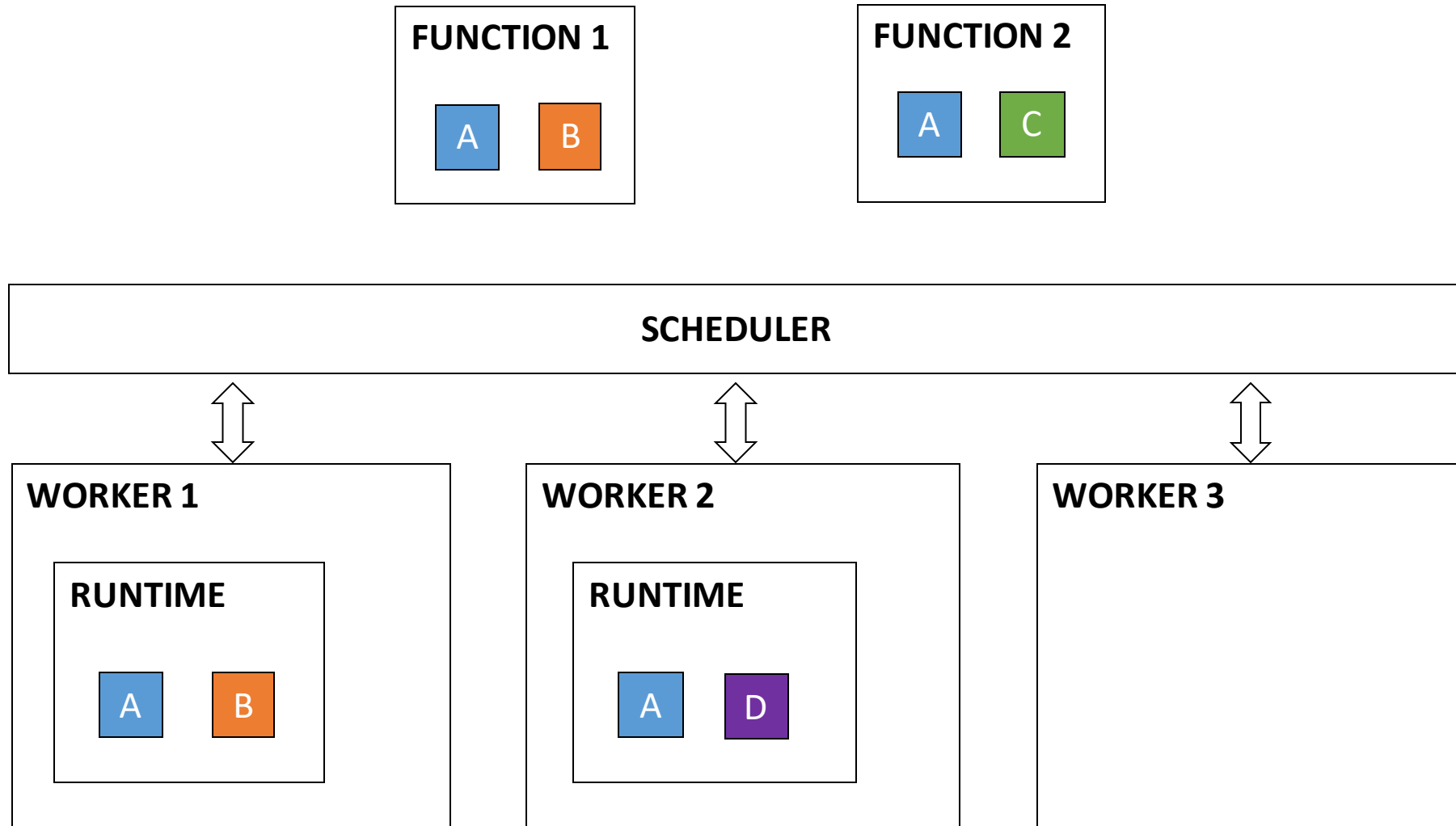
*How will I address this?*

**Throw out containers and build a new runtime**

# Serverless Runtime - Architecture



# Serverless Runtime – Scheduling





# Overview

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*What are the consequences?*

**SLOs and latency guarantees with efficient, linear scaling**

# Q&A

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