

# Use Cases and Projects

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CONFIDENTIAL COMPUTING  
CONSORTIUM

# What we're trying to start a discussion around...

1. Generate a list of Use Cases to drive discussion
2. Analyze use cases for project type requirements

# Use Cases

# Confidential Computing Use Cases



## Cloud & Edge Infrastructure

More protection of the confidentiality and integrity of customer data in-use in the multi-tenant public infrastructure



## Federated Learning

Enable parties to more securely conduct machine learning across broader data sources while keeping algorithms and data sets more confidential



## Native Application Hosting

Run even native unmodified applications inside enclaves with the benefits of virtualization and enhanced security



## Blockchain

Keep private data and transactions more secure for authorized network participants and improve scalability capabilities



## Trusted Multi-party Compute

Enable multiple untrusting parties to interact on shared data while keeping sensitive data more confidential

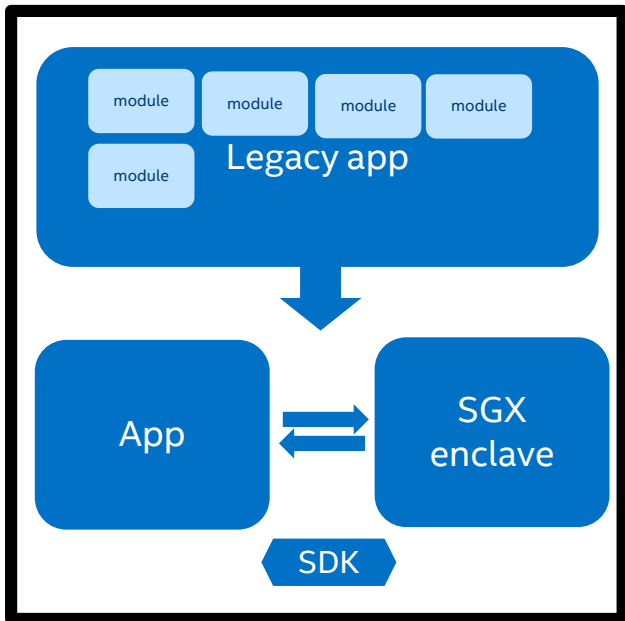


## Scalable Key Management

Provide unified HSM and key management capabilities on a scalable distributed architecture

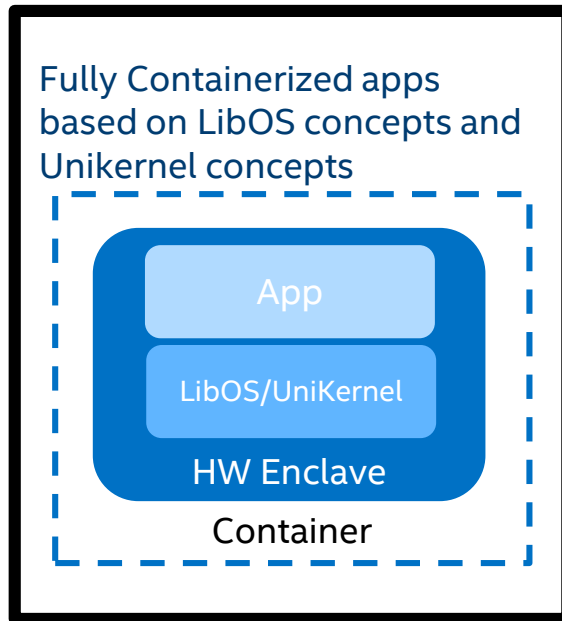
# Projects

# NOW....



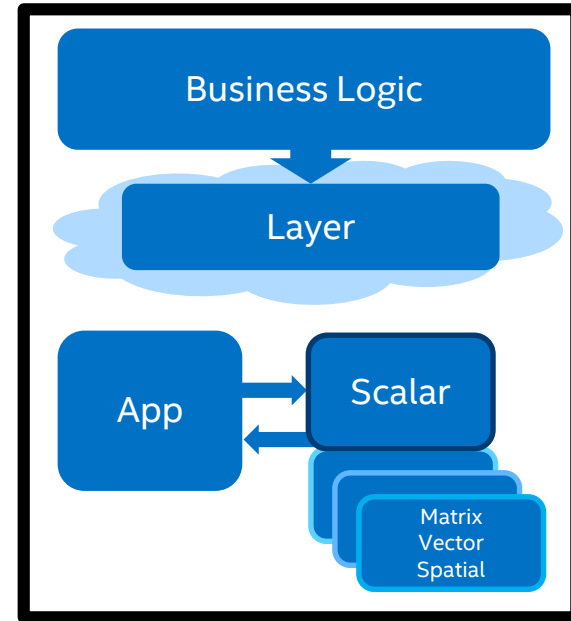
Today you can build you own apps using the SDK... best TCB requires some expertise

# NEXT....



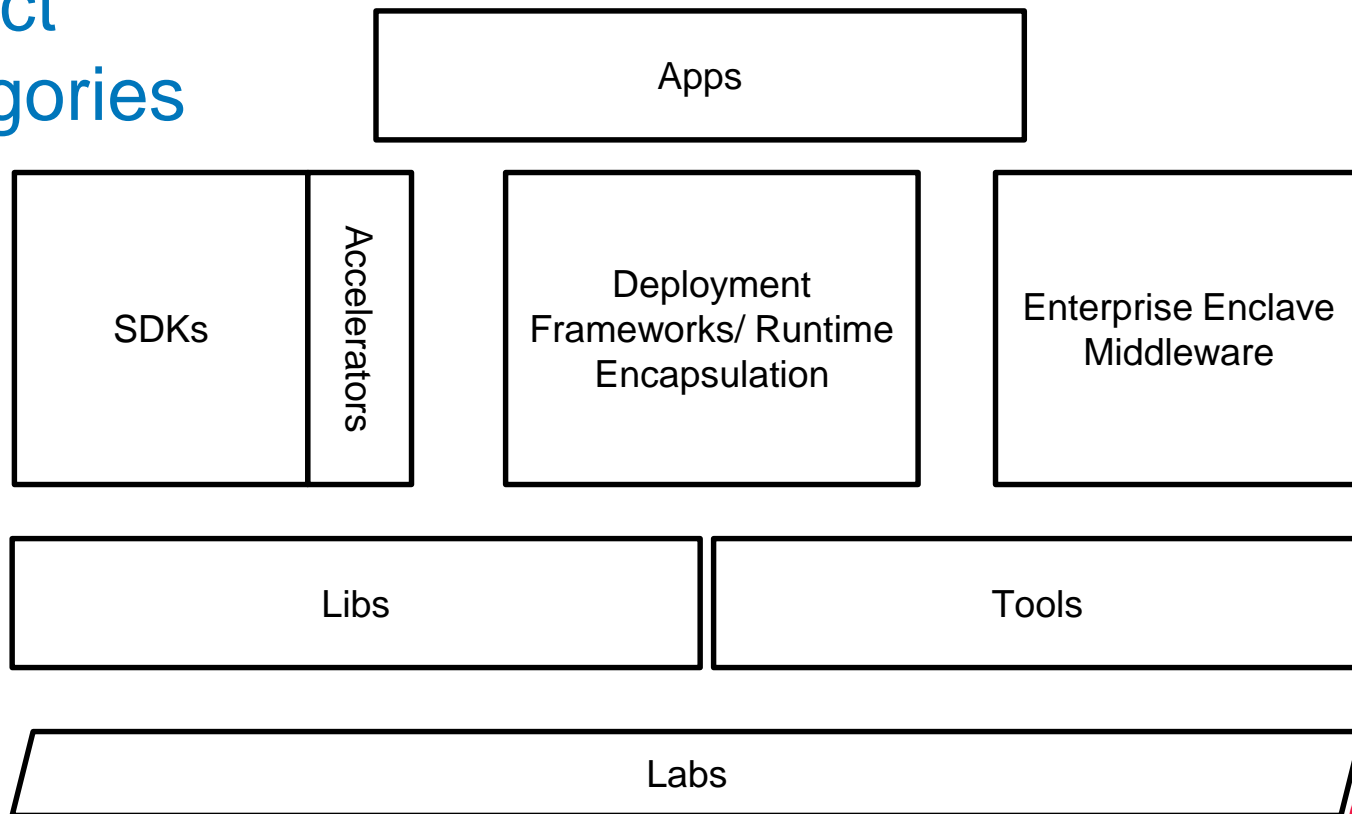
Isolated containerization of apps is fast gaining traction

# FUTURE!

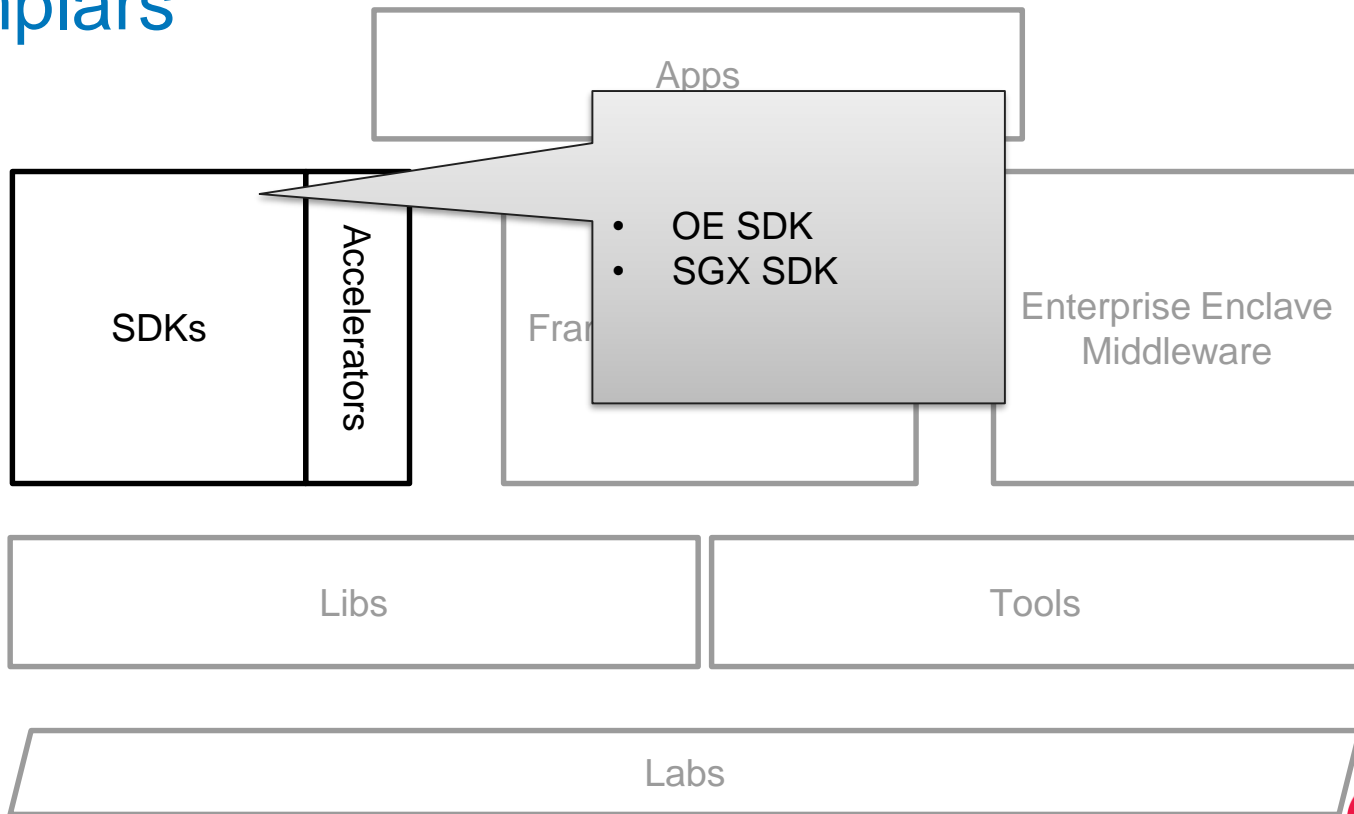


Toolchain Frameworks that allow the programmer to concentrate on the business logic and automates protection of their code

# Project Categories

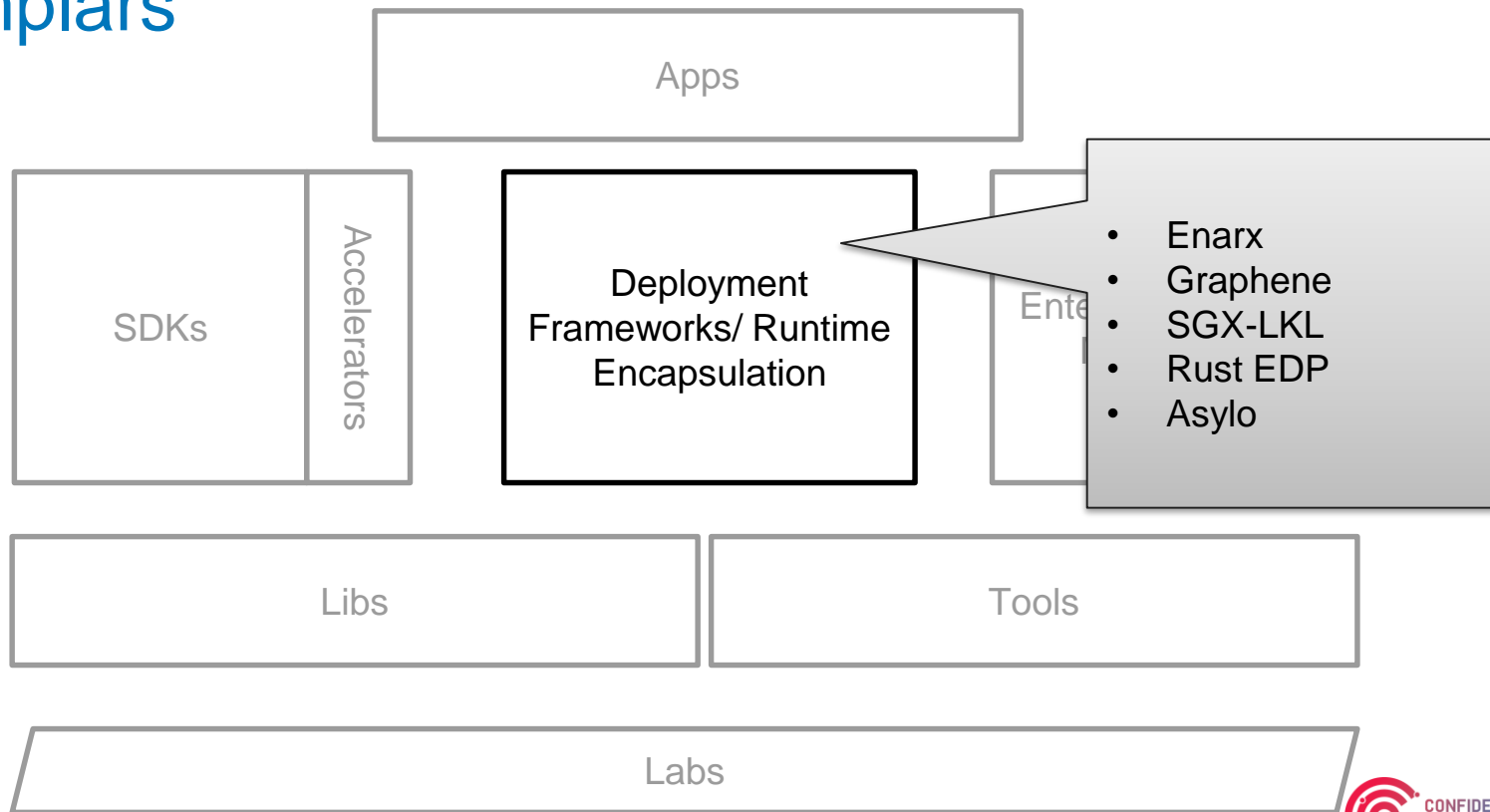


# Exemplars

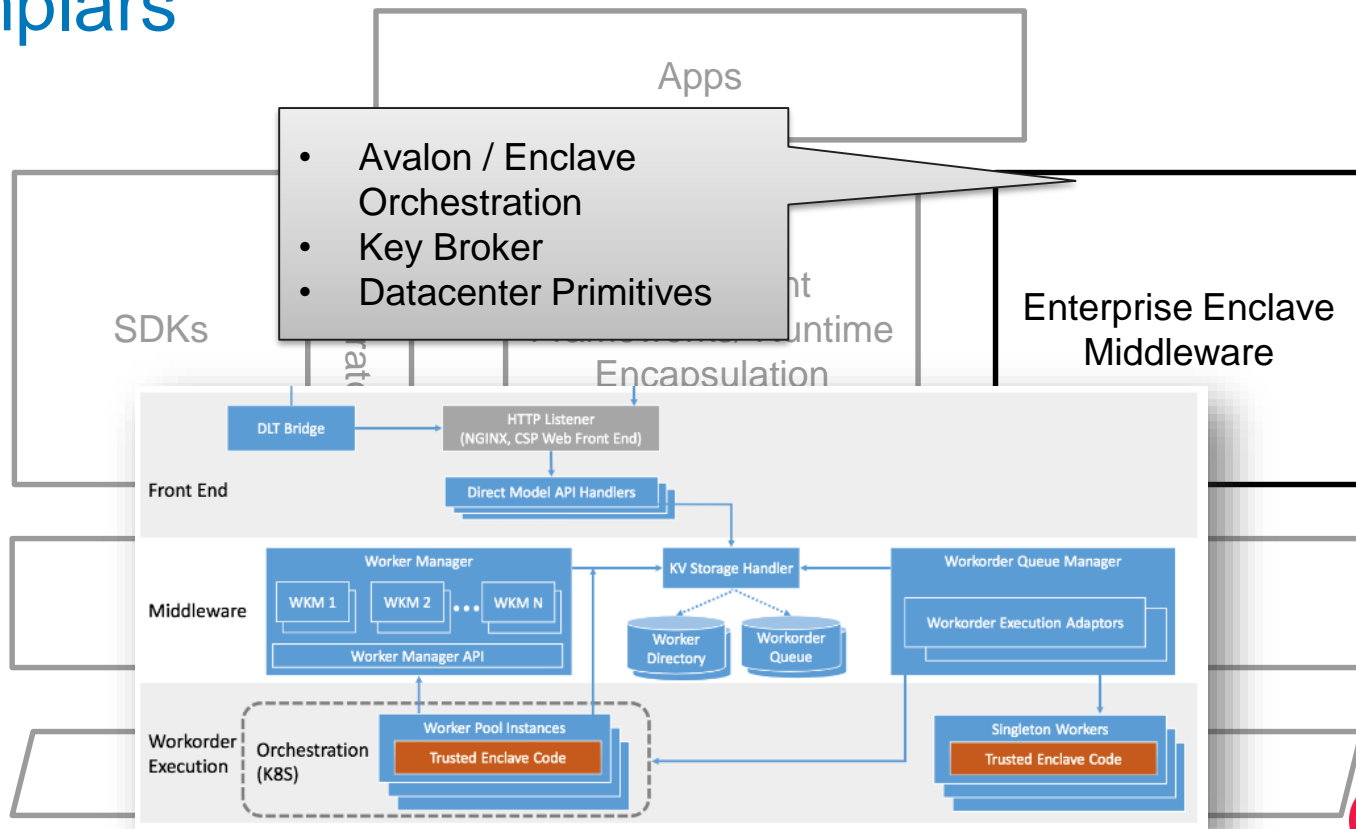




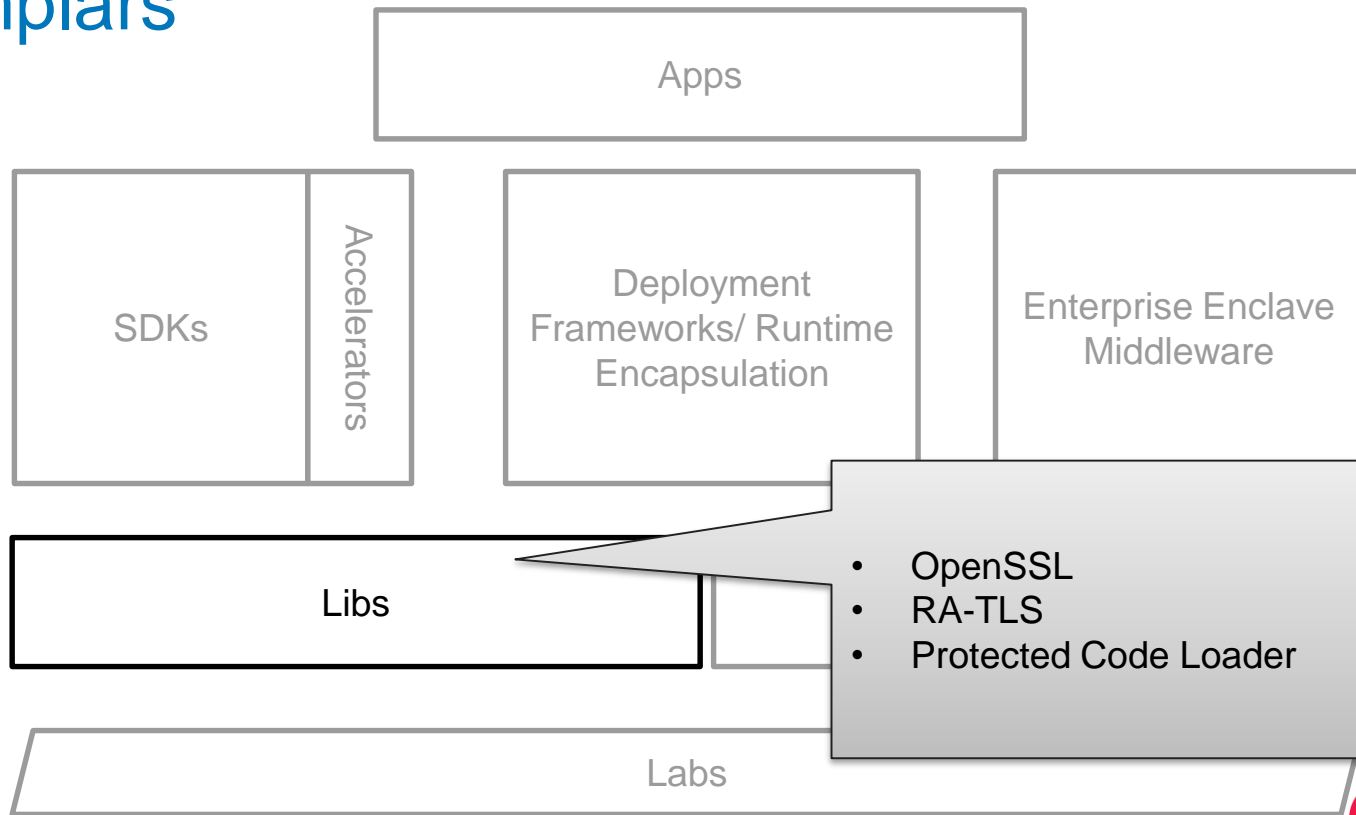
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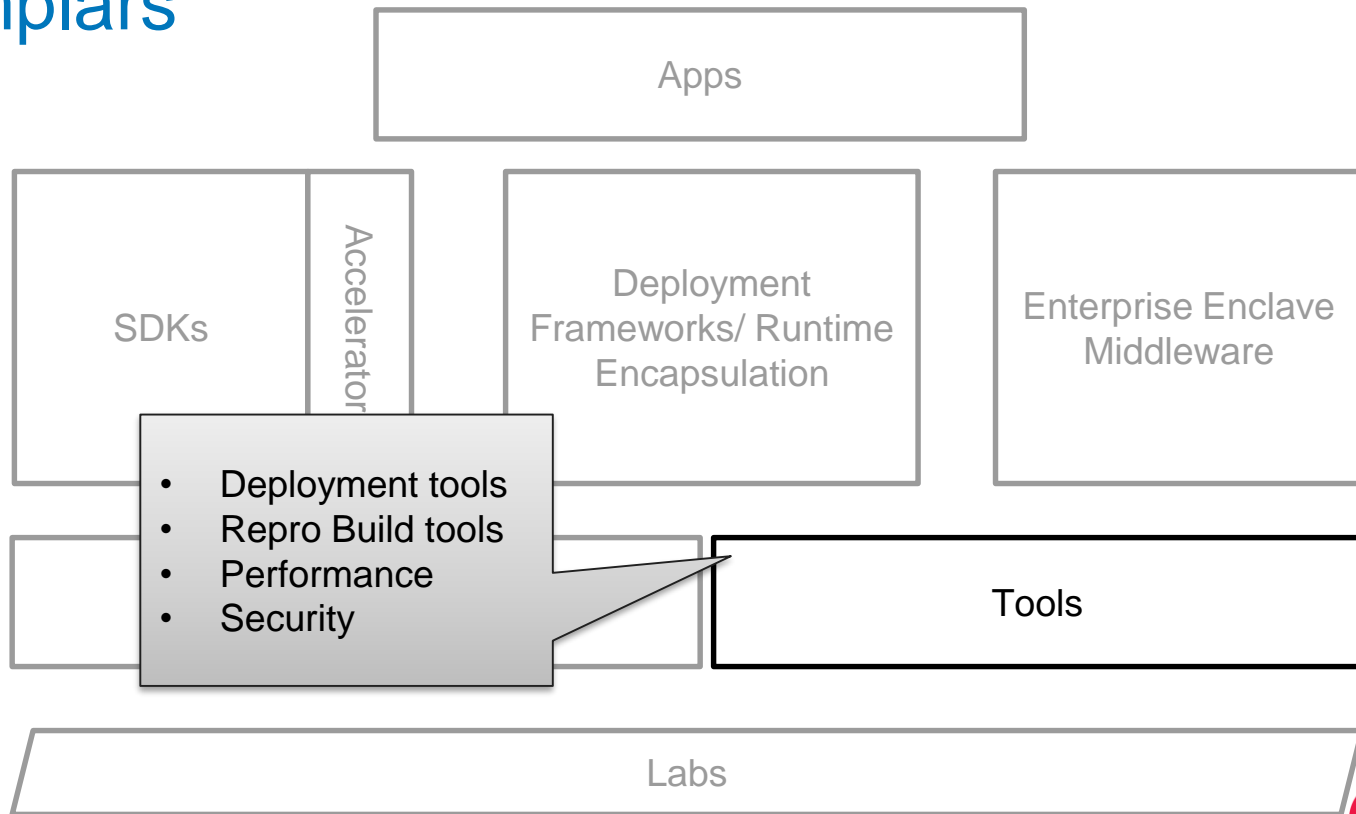
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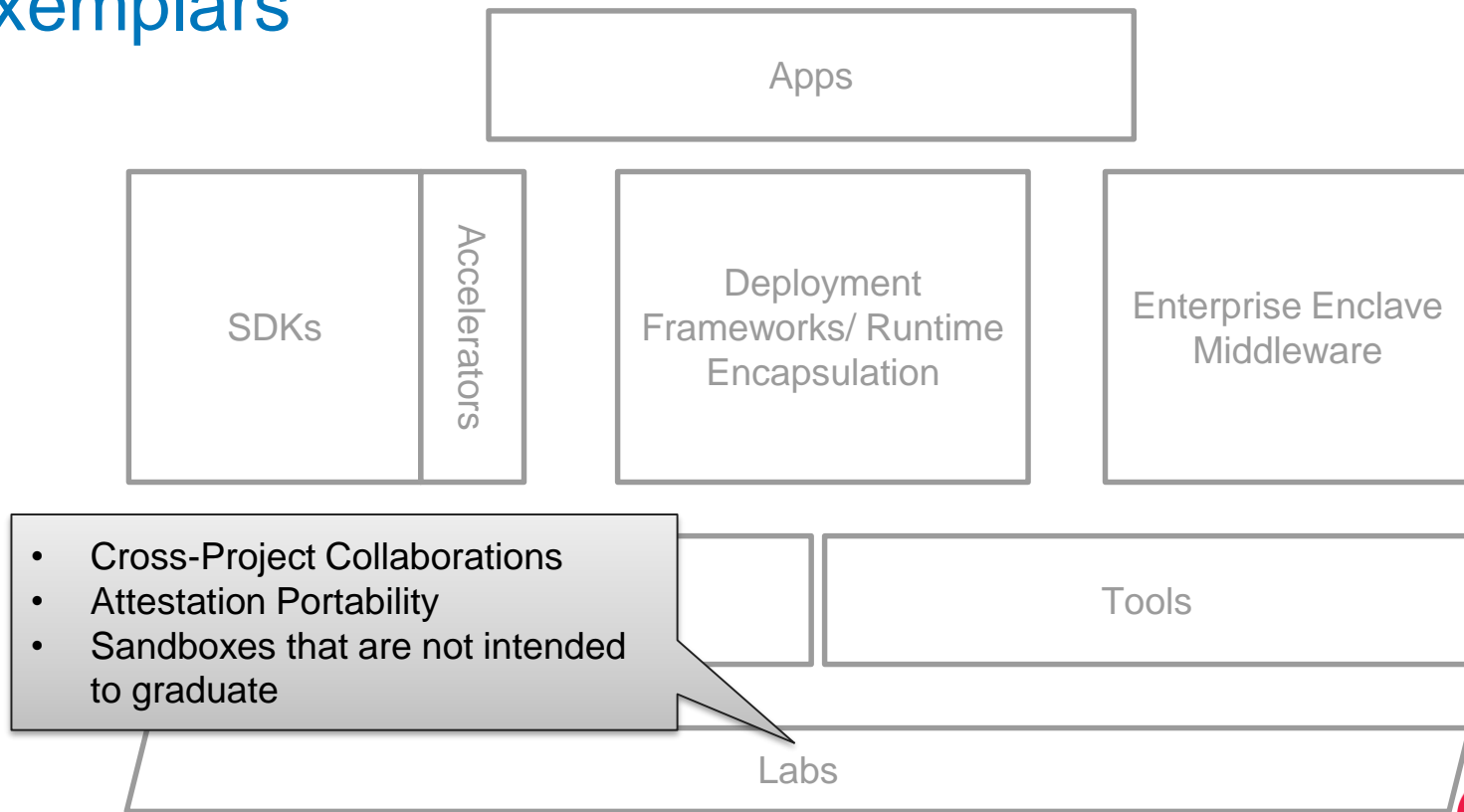
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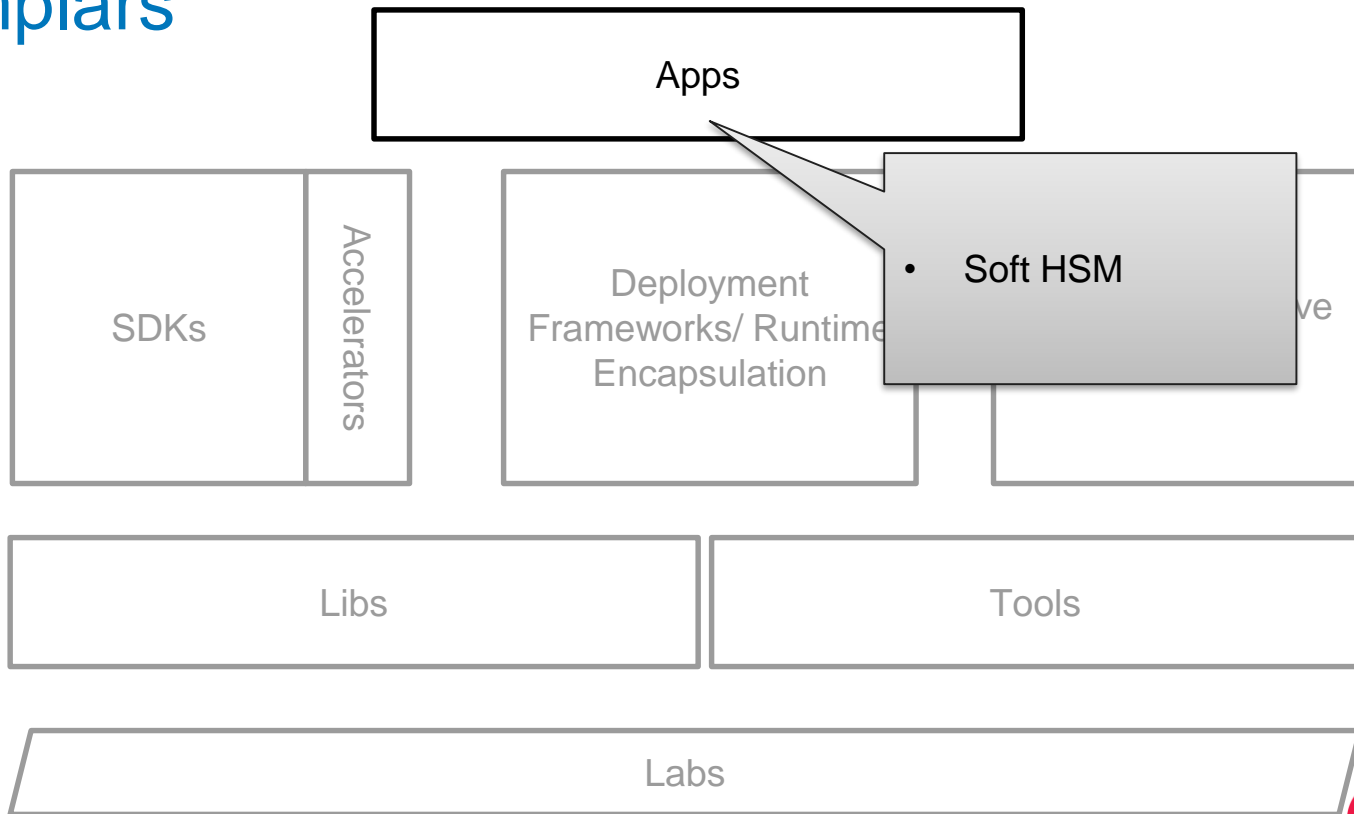
# Exemplars



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# Exemplars



# Project Categories

