

Container Basics

Container Standards & Specifications

Agenda

1. Standardization drivers
2. The Open Container Initiative
3. Types of specifications



Standardization drivers

```
docker run example.com/org/app:v1.0.0
```

Standardization drivers



Standardization drivers

- Proliferation of interest in containerization
- Need for **SINGLE** and **OPEN** container specification that is
 - Client/Orchestration stack-agnostic
 - Vendor & project neutral
 - Portable across:
 - CPU architectures
 - Operating Systems
 - Hardware
 - Clouds

The Open Container Initiative

- Open Governance Structure creating open standards around
 - Container runtimes
 - Container formats
- Established in 2015 by Docker, CoreOS, & other industry leaders



OPEN CONTAINER
INITIATIVE

What are the types of specifications?



Runtime Specification

Image Specification

Distribution Specification

Image Specification



Image Specification

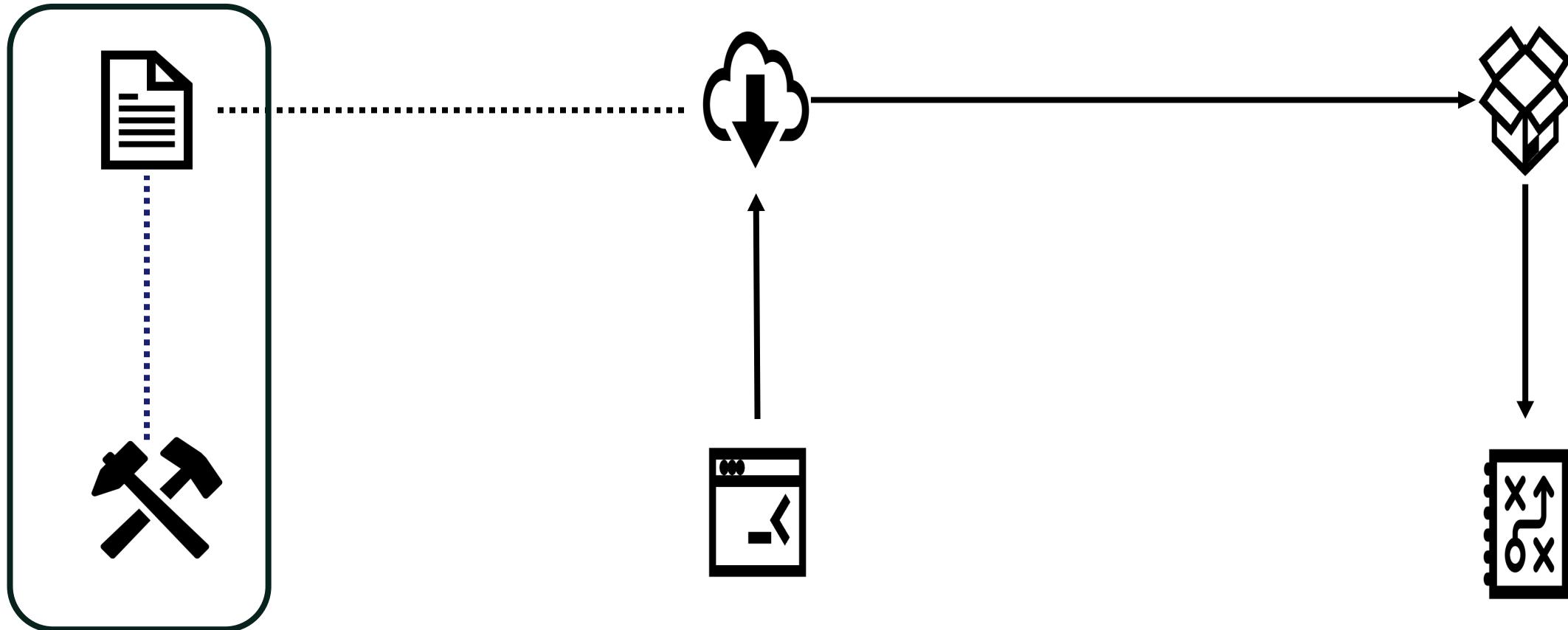
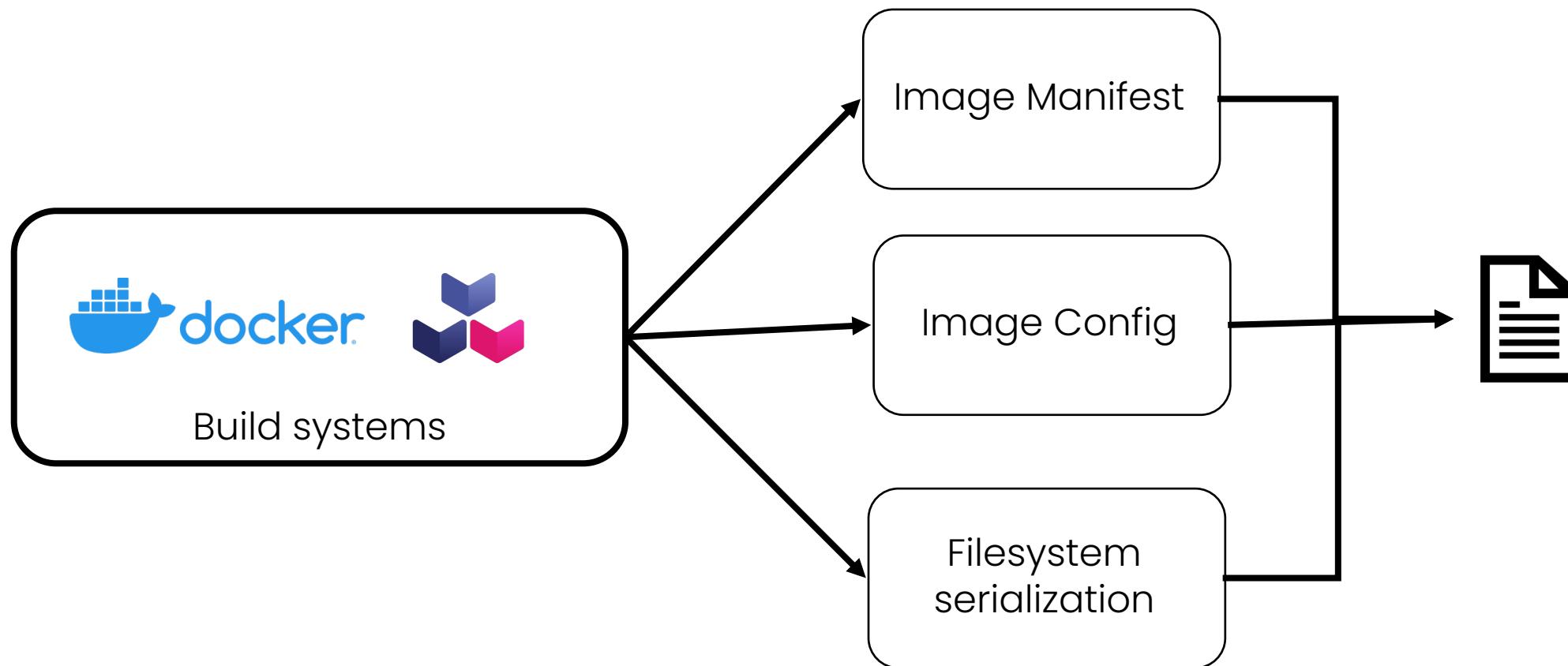
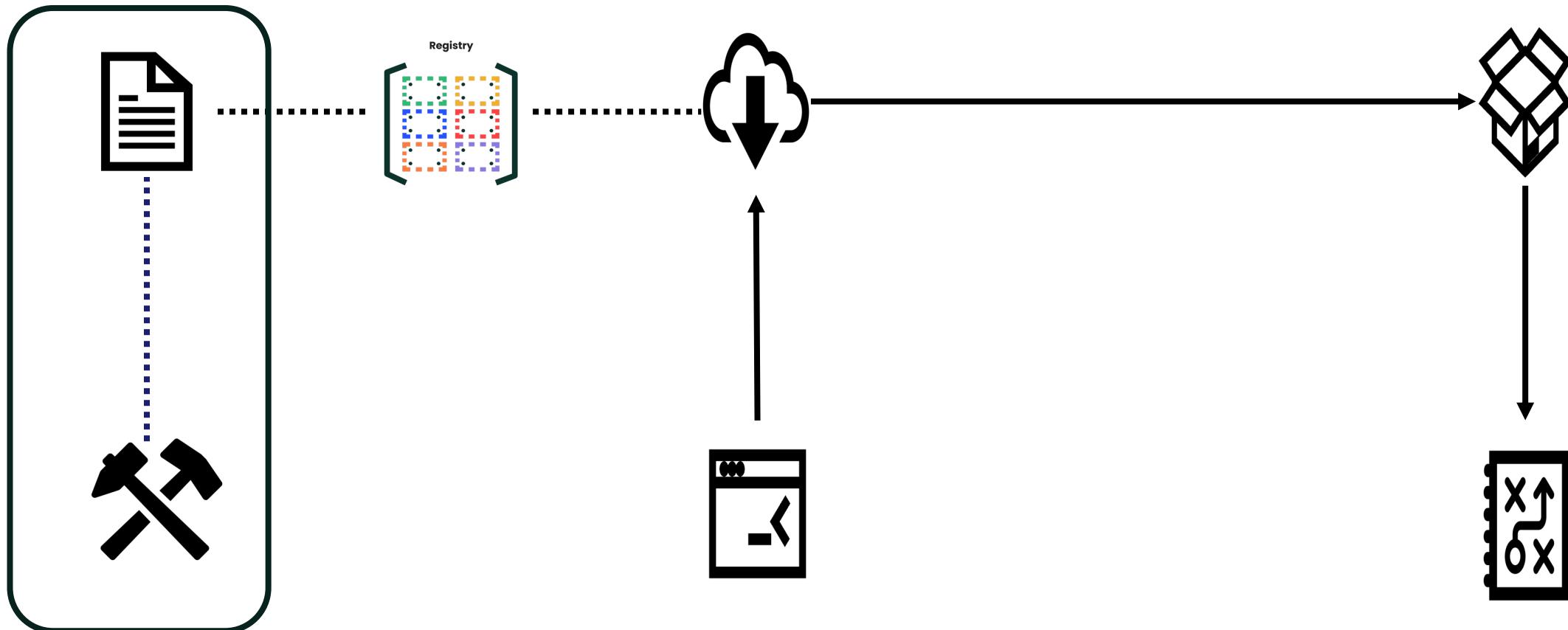


Image Specification



Distribution Specification



Runtime Specification





Thank you

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