

BUILD

FAST

BUT

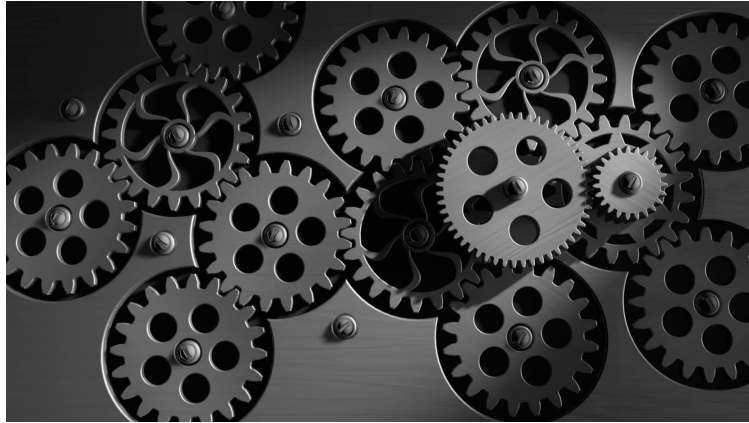
DON'T

**BREAK
THINGS**



Artifact

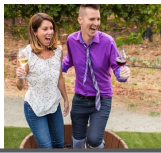








Grapes



Smash



Ferment



Grape juice

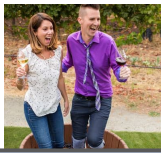


Wine





Grapes



Smash



Ferment



Distill



Grape juice

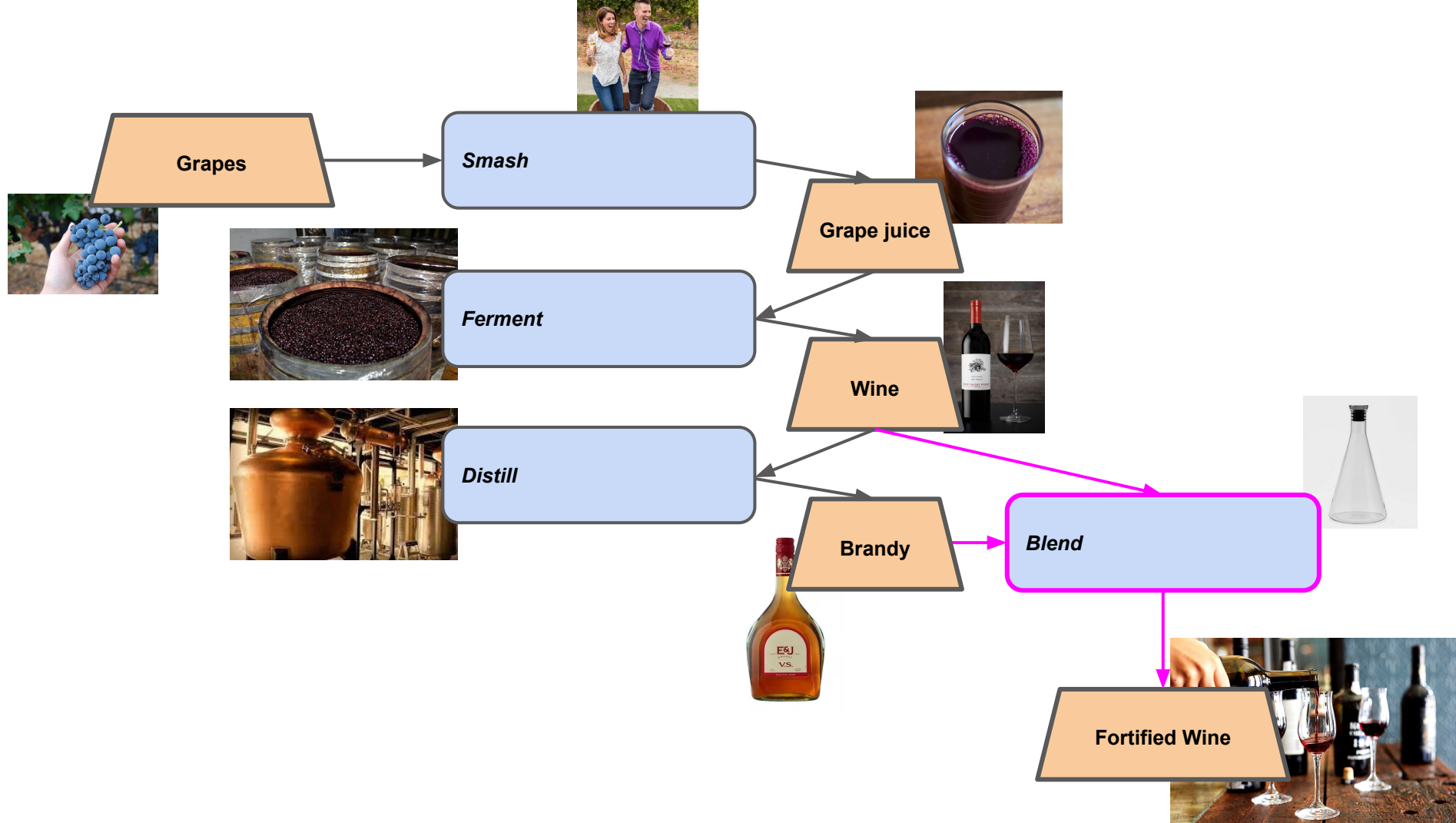


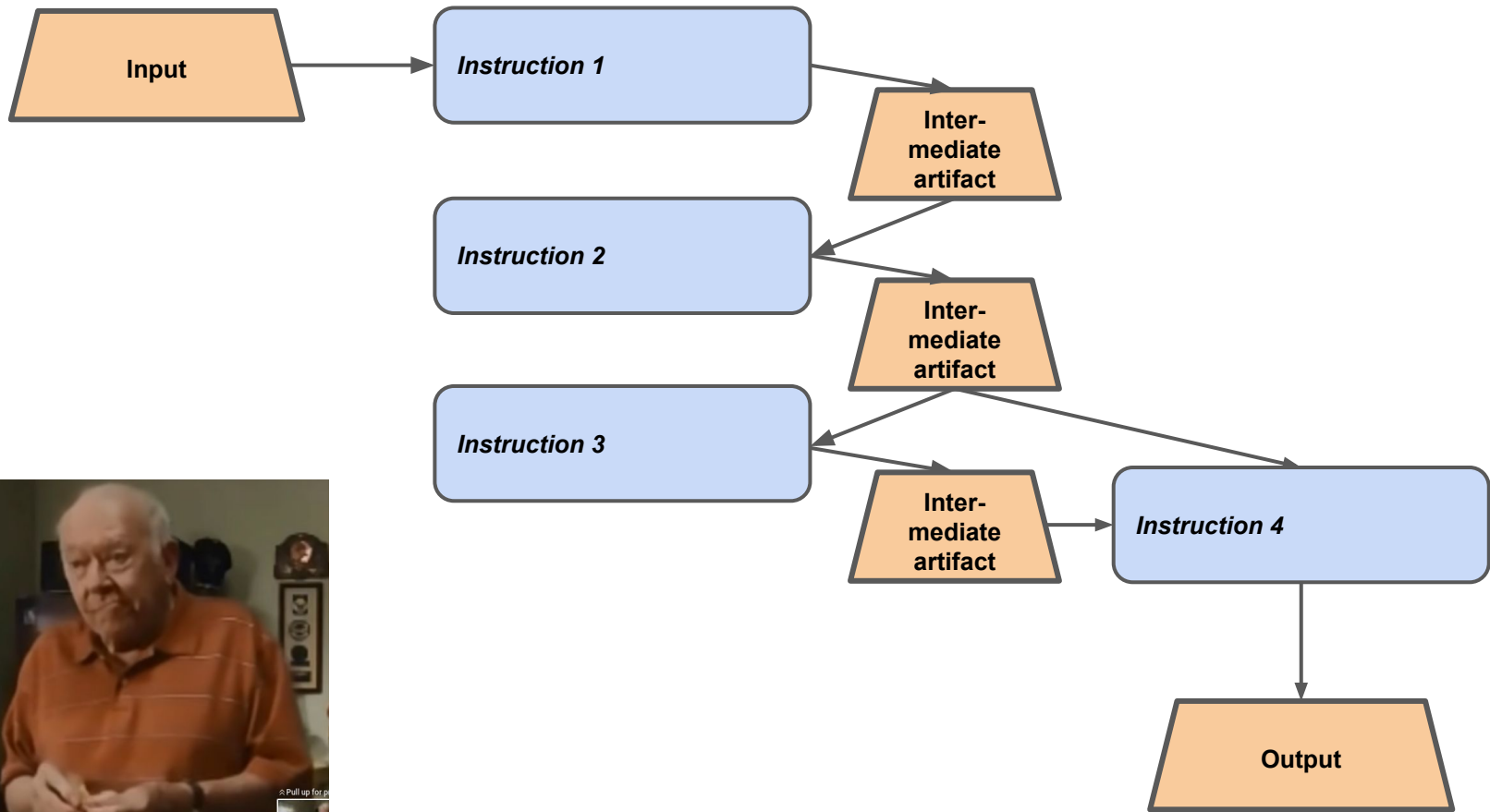
Wine

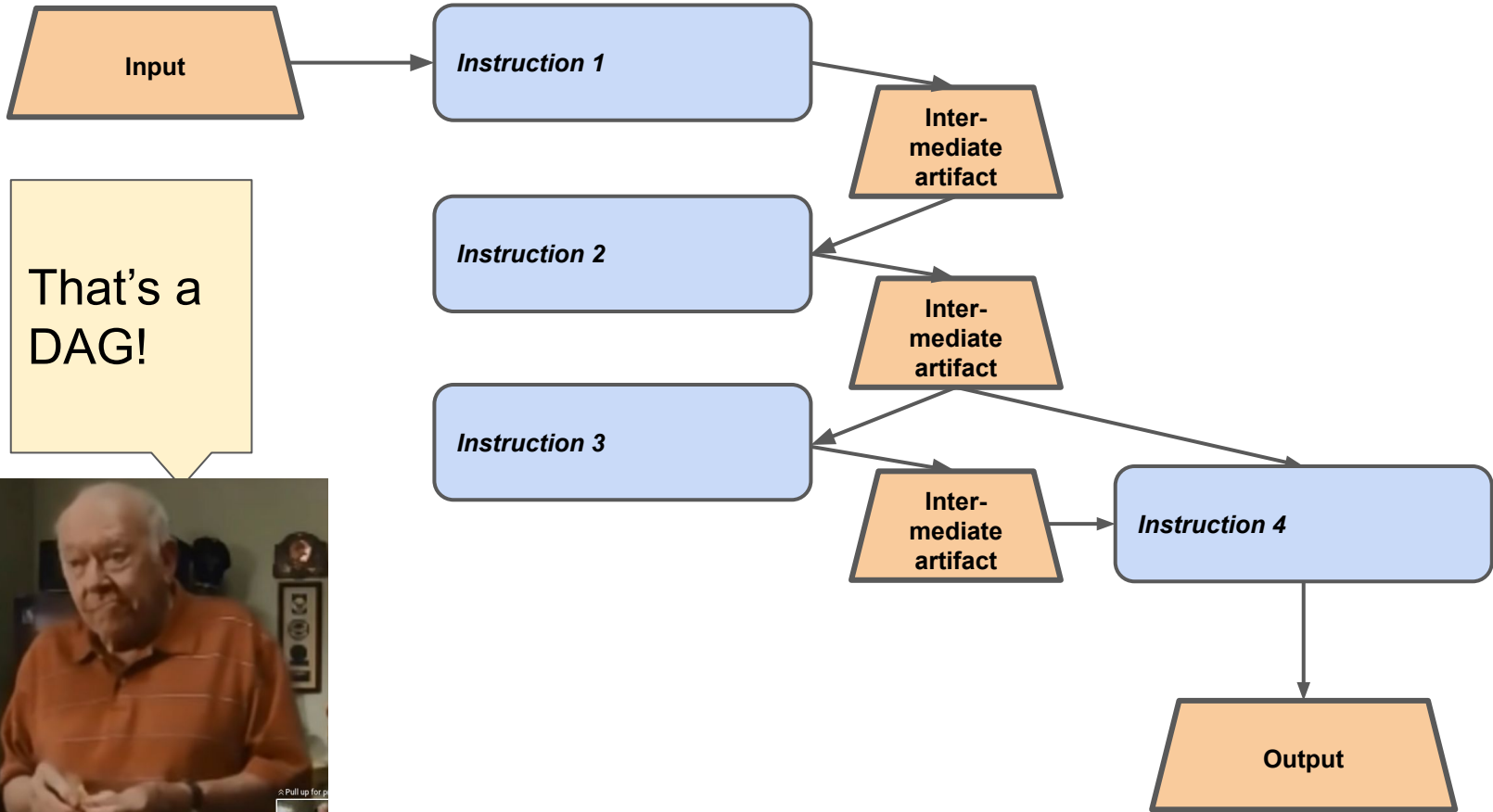


Brandy



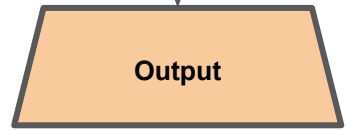
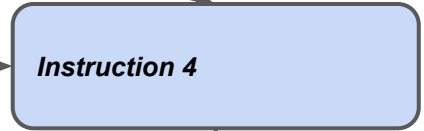
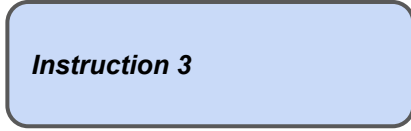
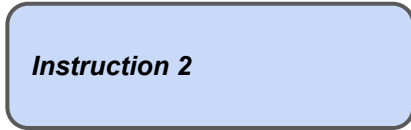
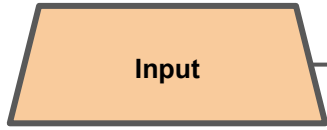






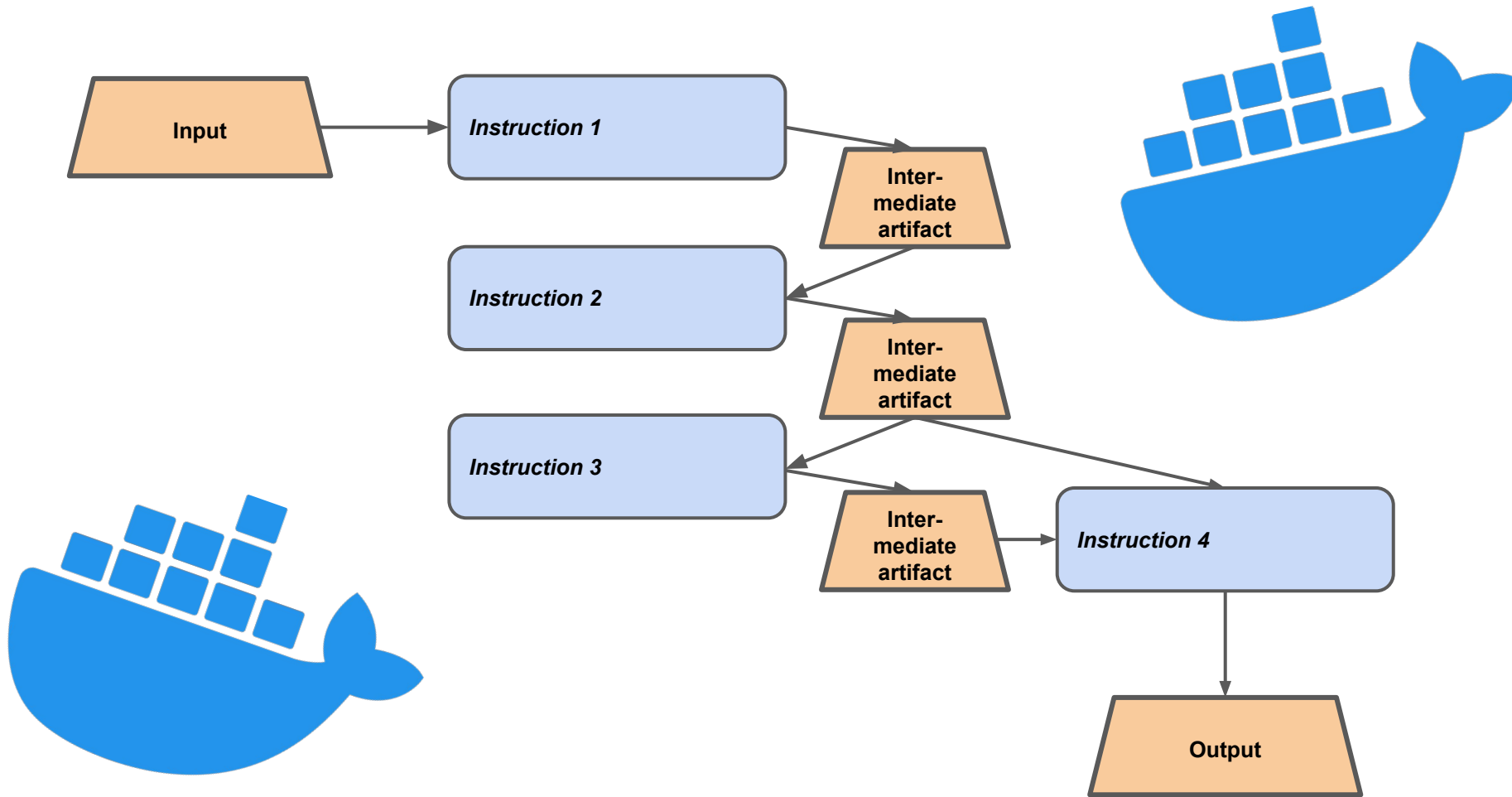
That's a DAG!



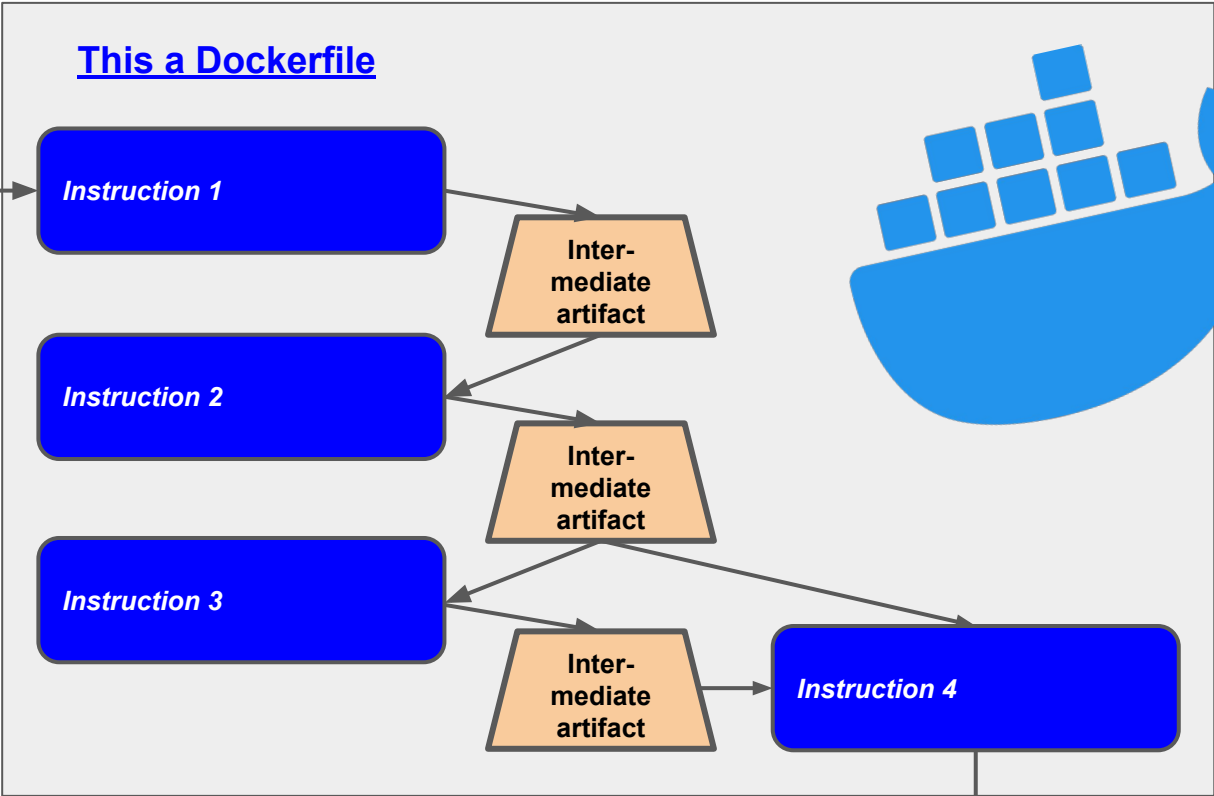
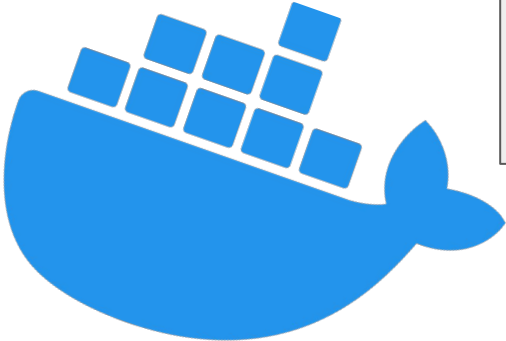
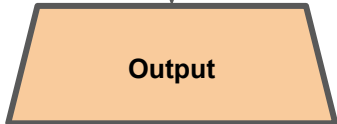
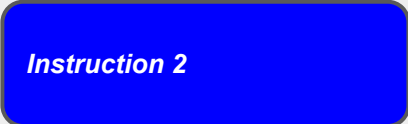


That's a DAG!

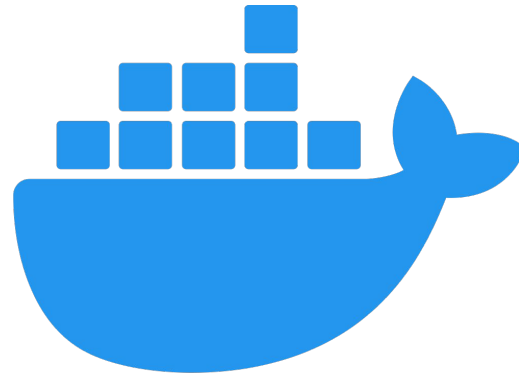




This a Dockerfile



< tutor >

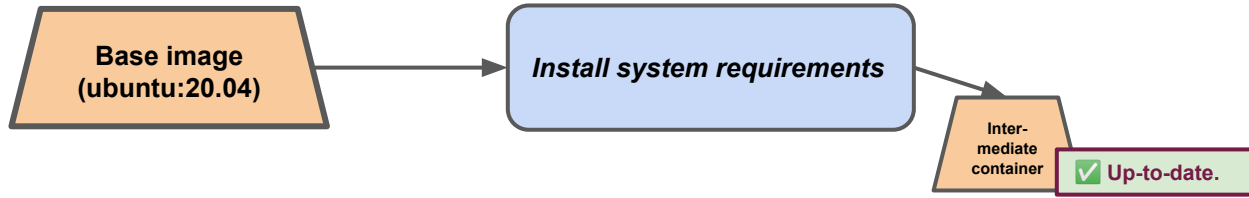


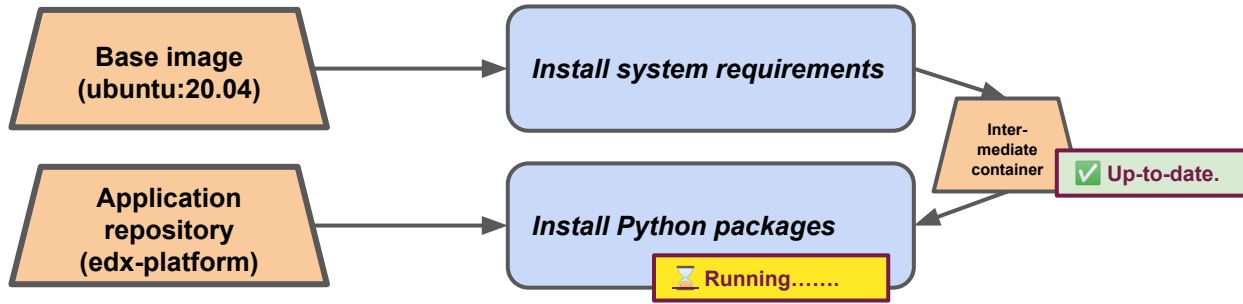
Base image
(ubuntu:20.04)

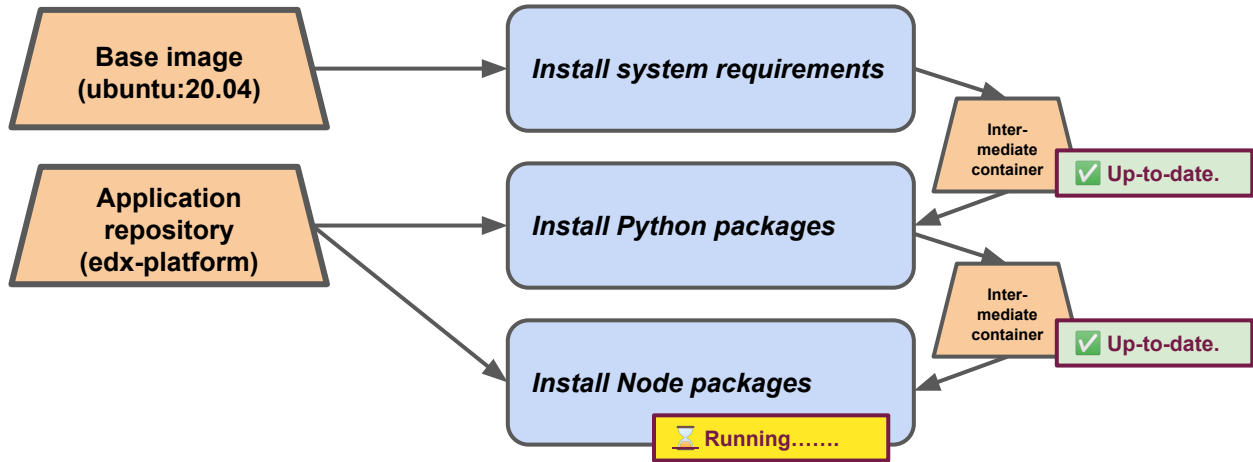


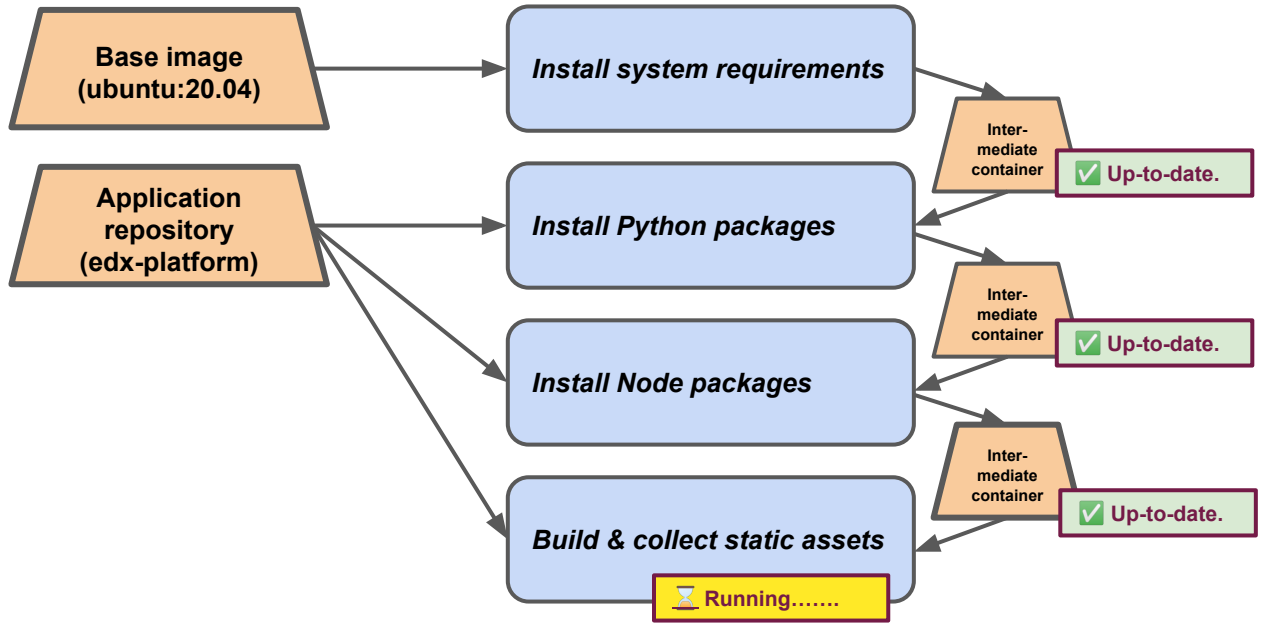
Install system requirements

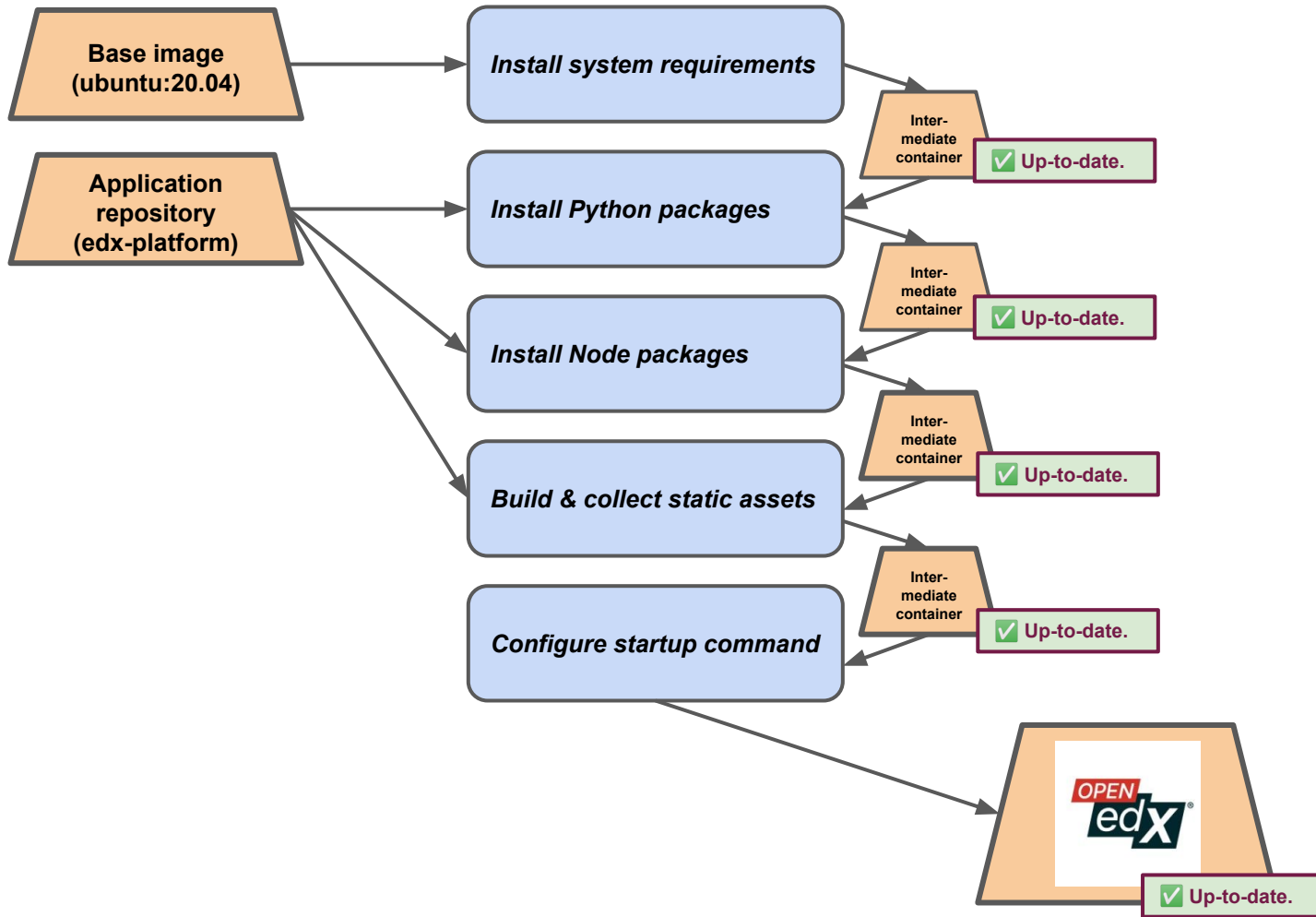
 Running.....











Base im
(ubuntu:2

Applicat
reposit
(edx-platf



✓ Up-to-date.

Base im
(ubuntu:2

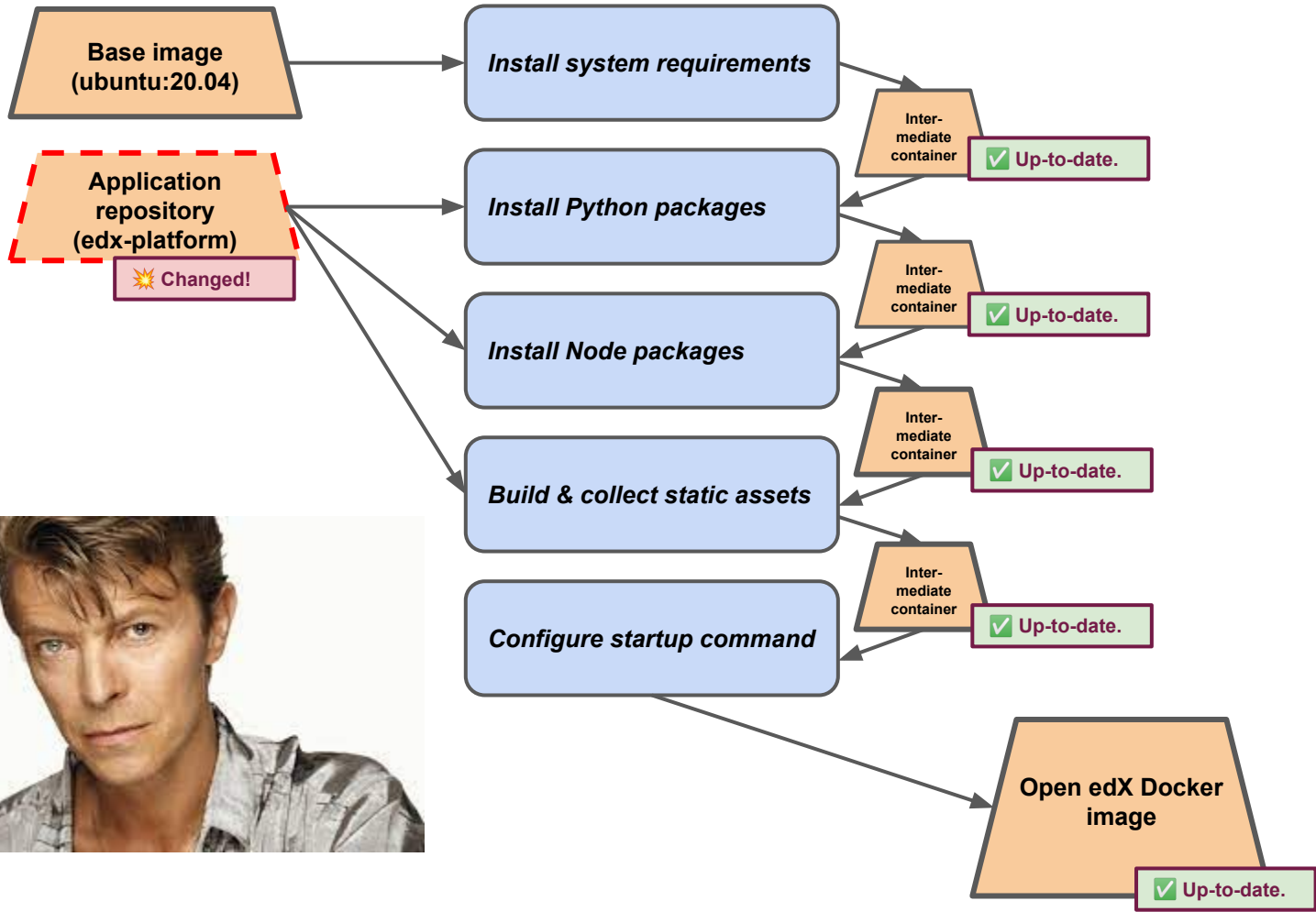
Applicat
reposit
(edx-platf



Kyle McCormick
kyle@tcril.org

Thank you for listening.

✓ Up-to-date.



Base image
(ubuntu)

Install system requirements

Appl
repo
(edx-p



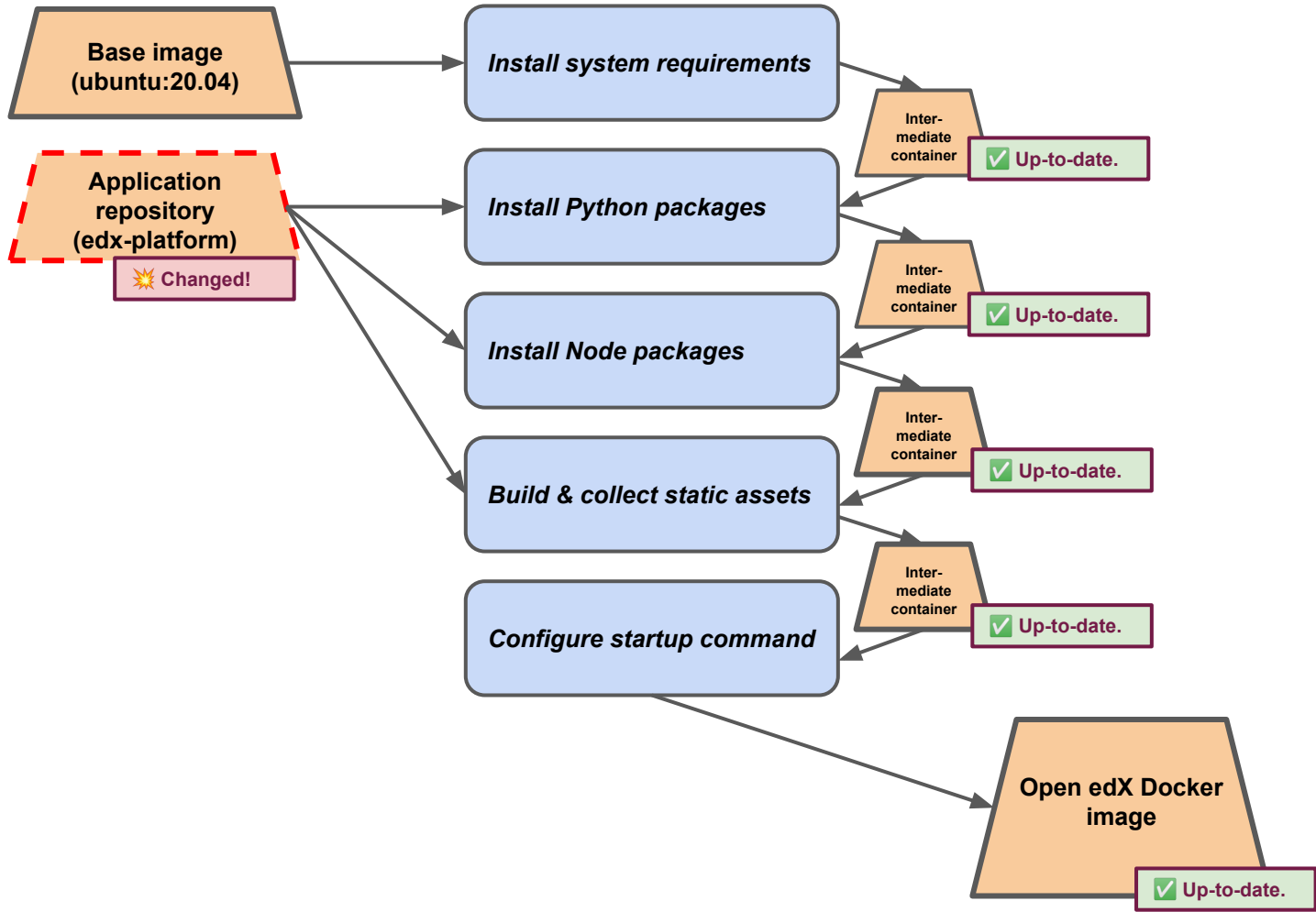
✓ Up-to-date.

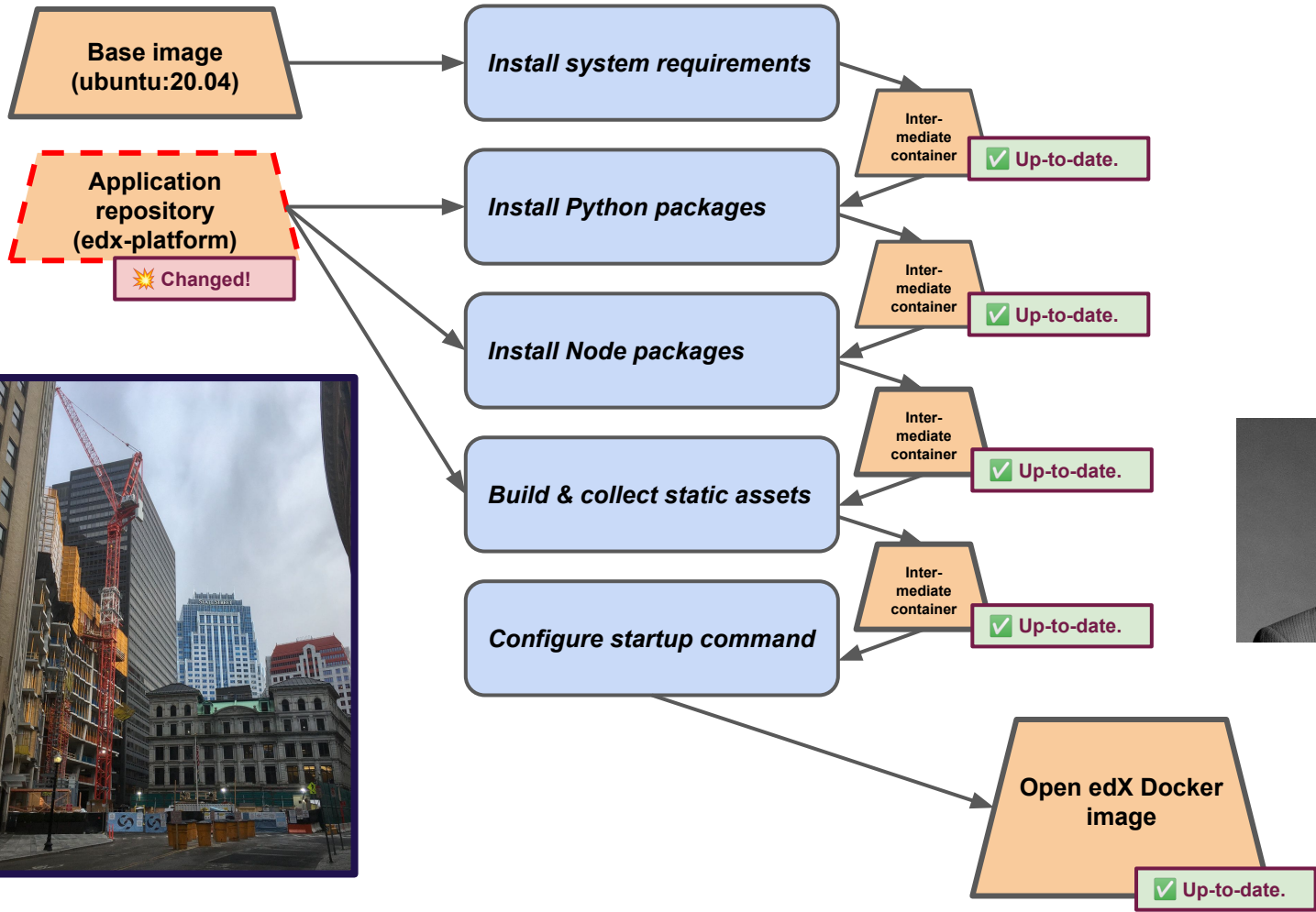
Base image
(ubuntu)

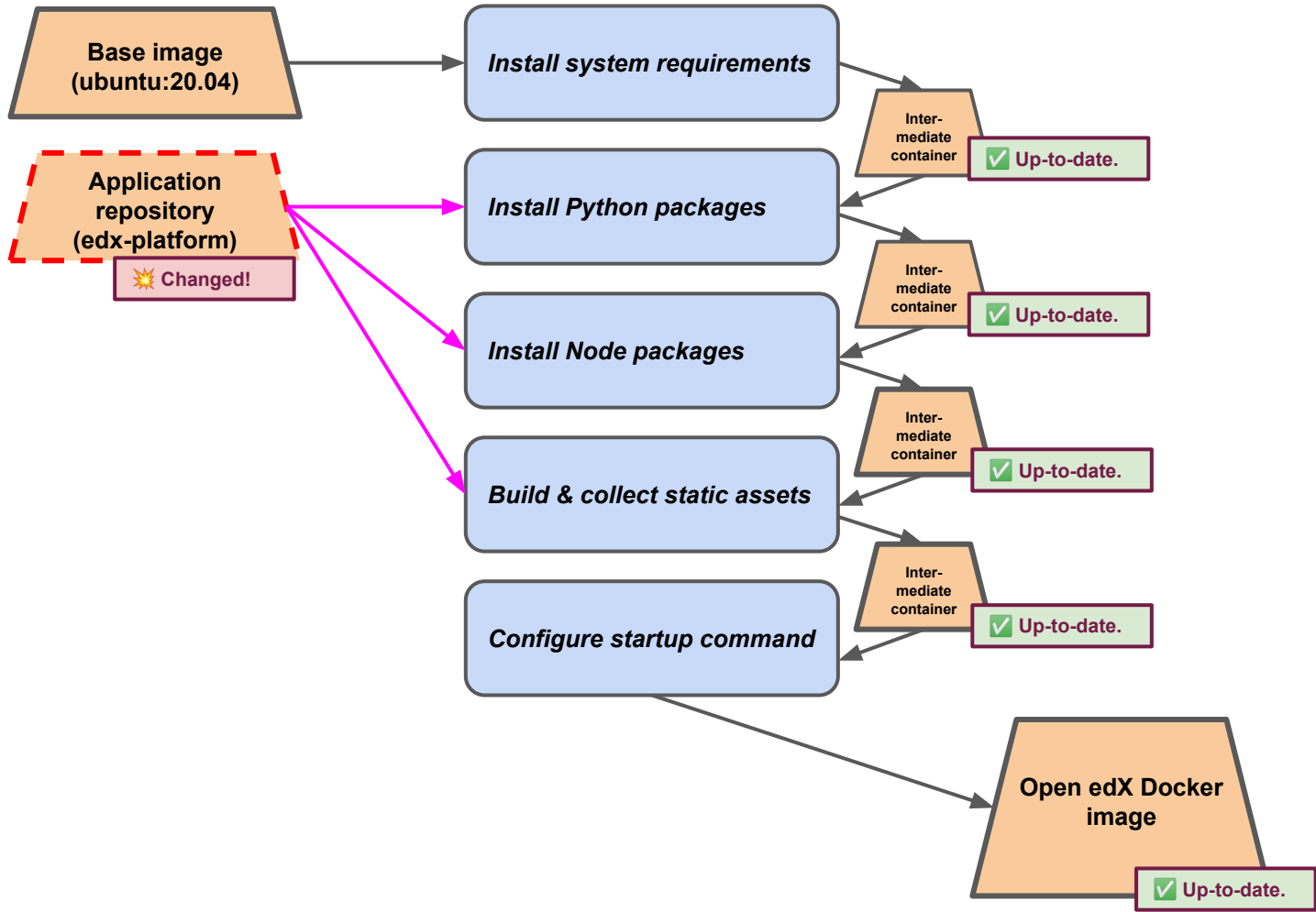
Install system requirements

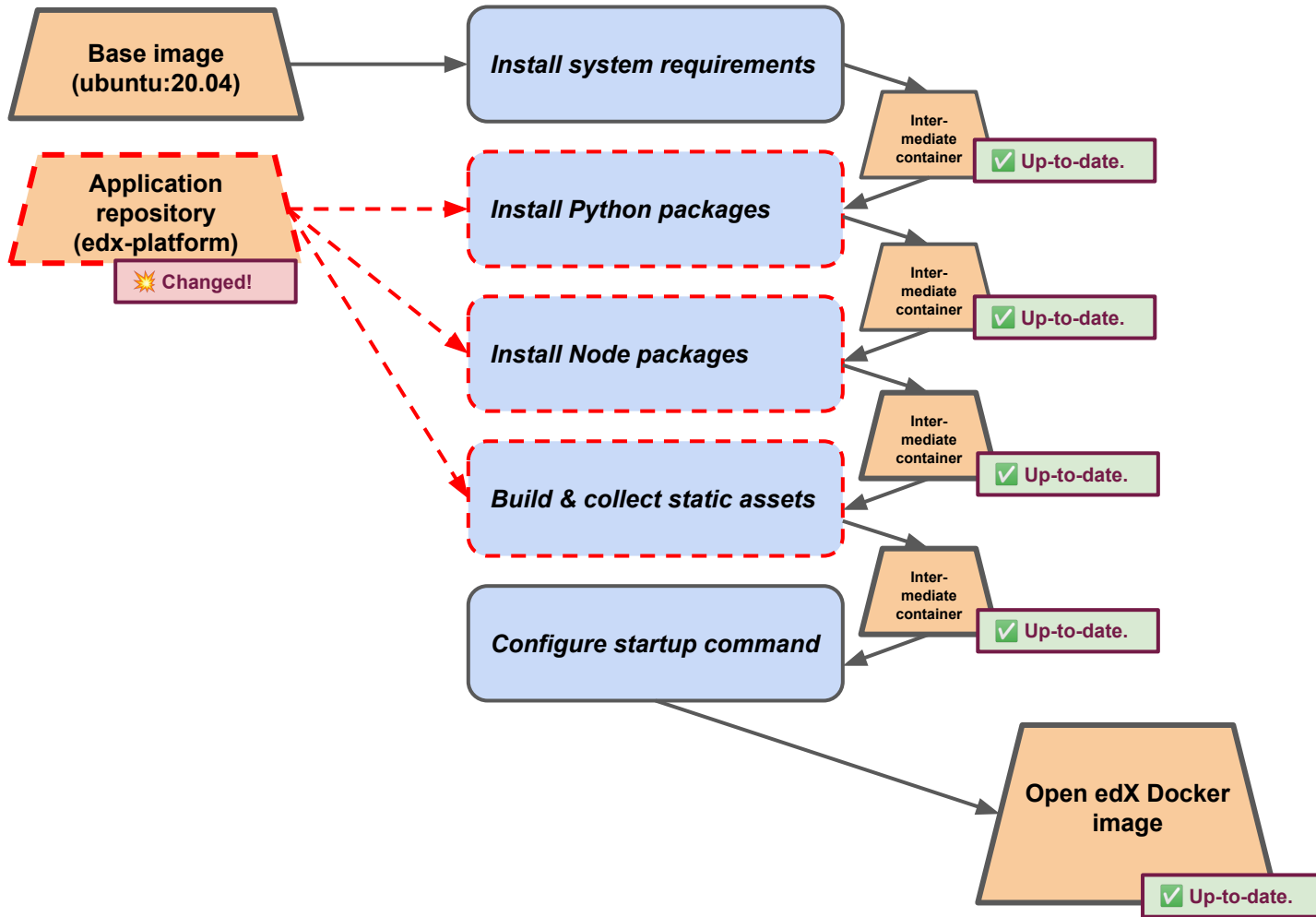
Appl
repo
(edx-p

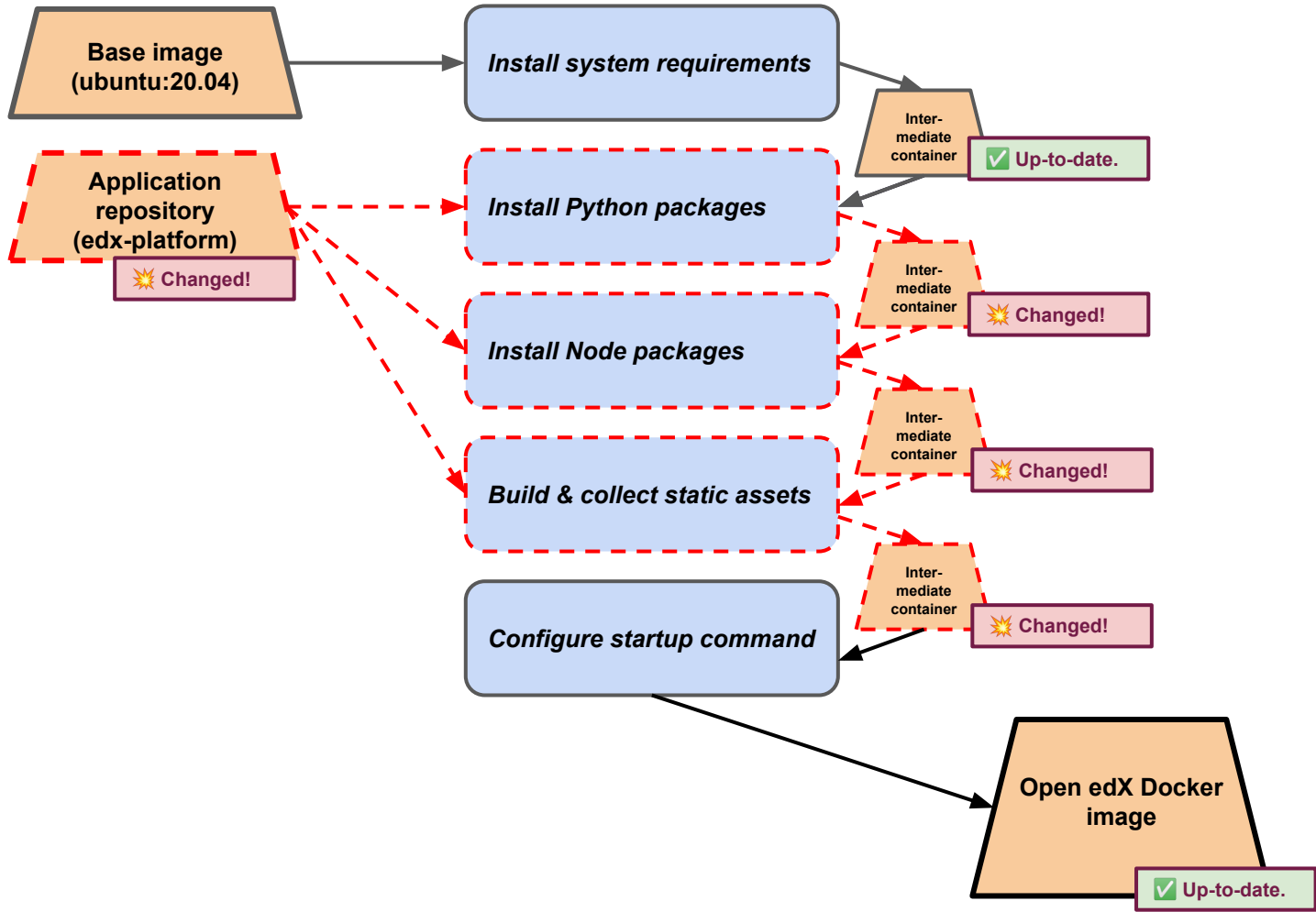


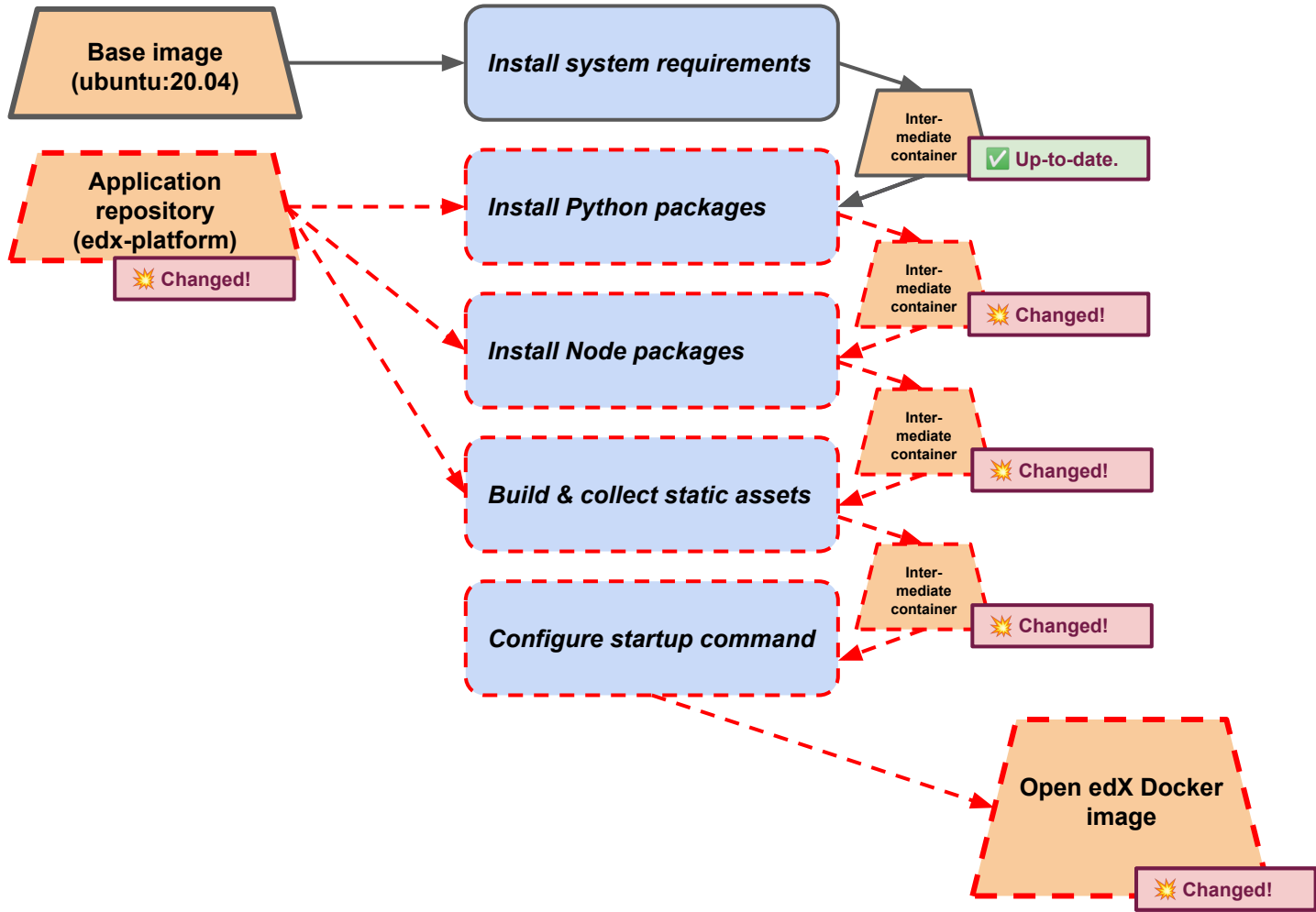


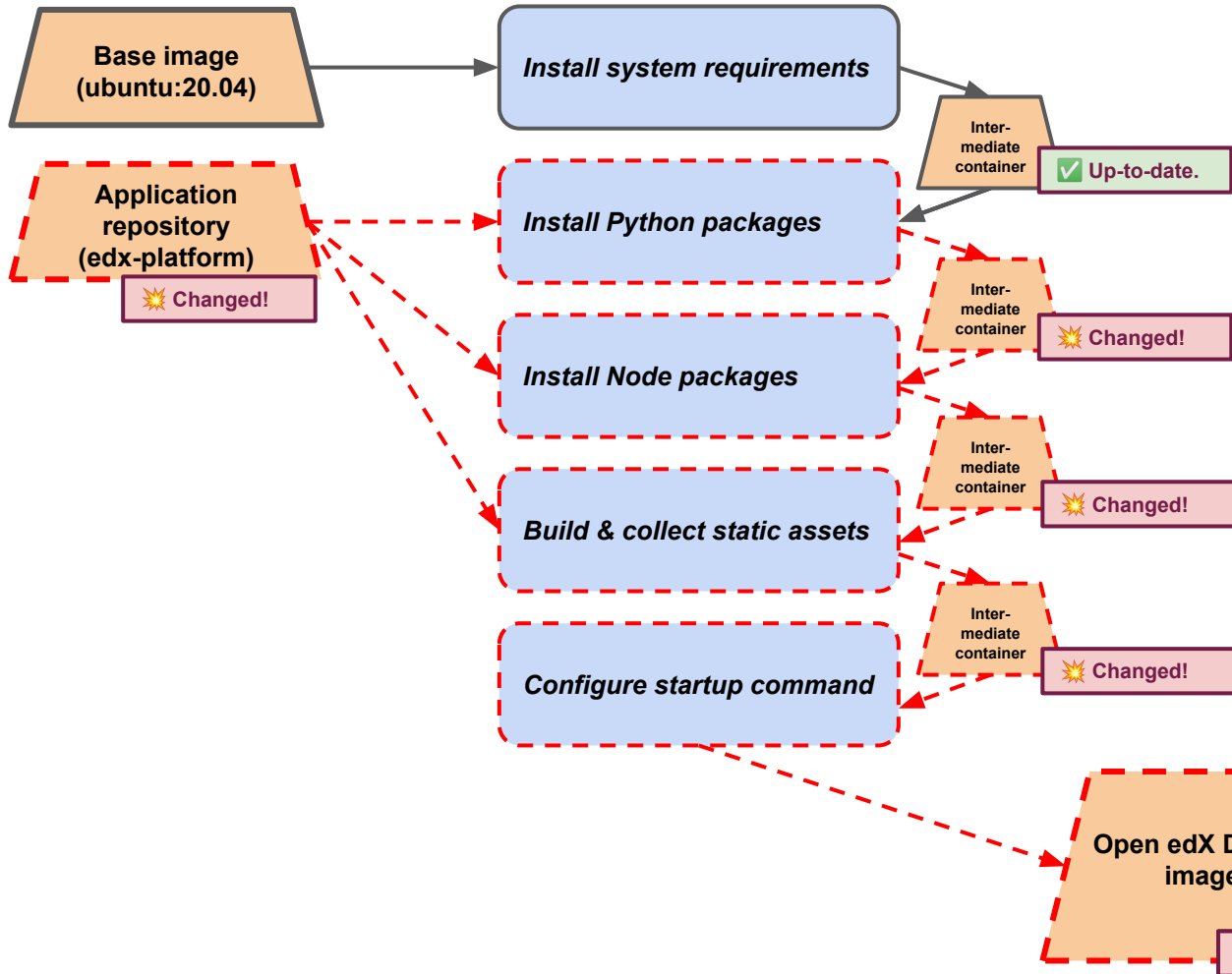


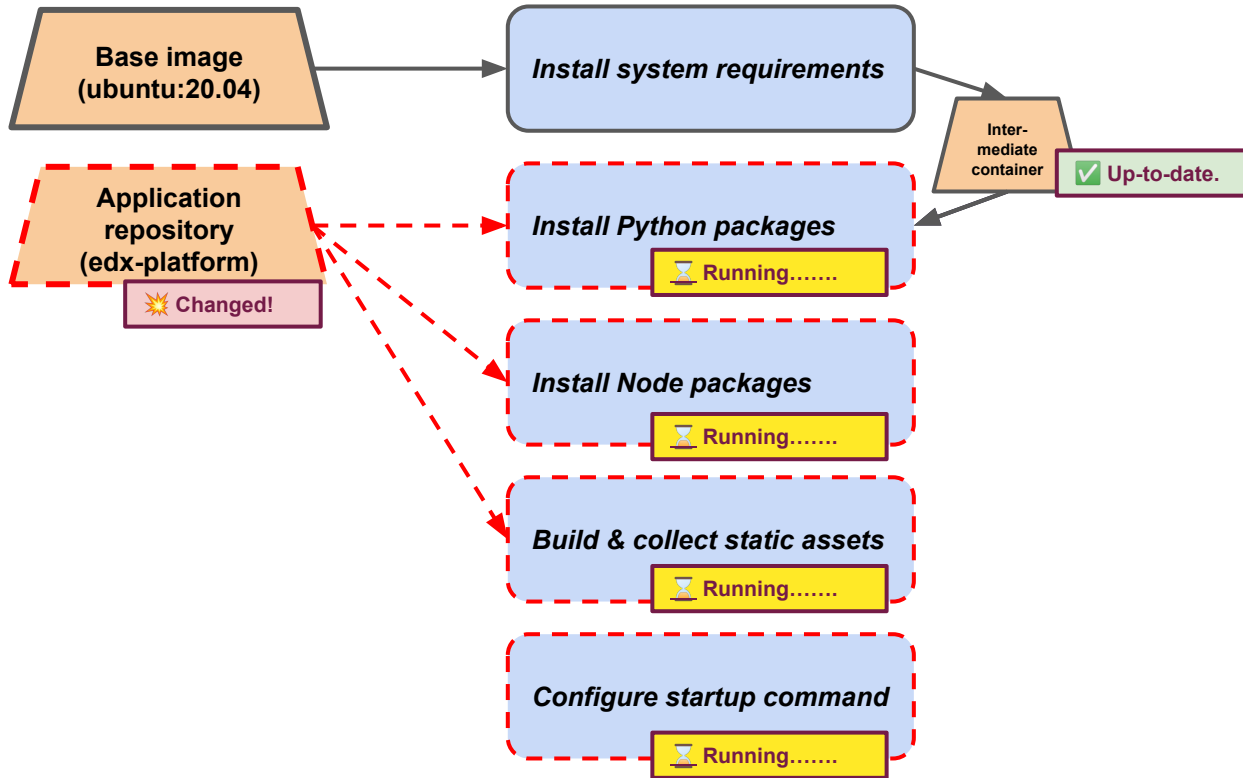


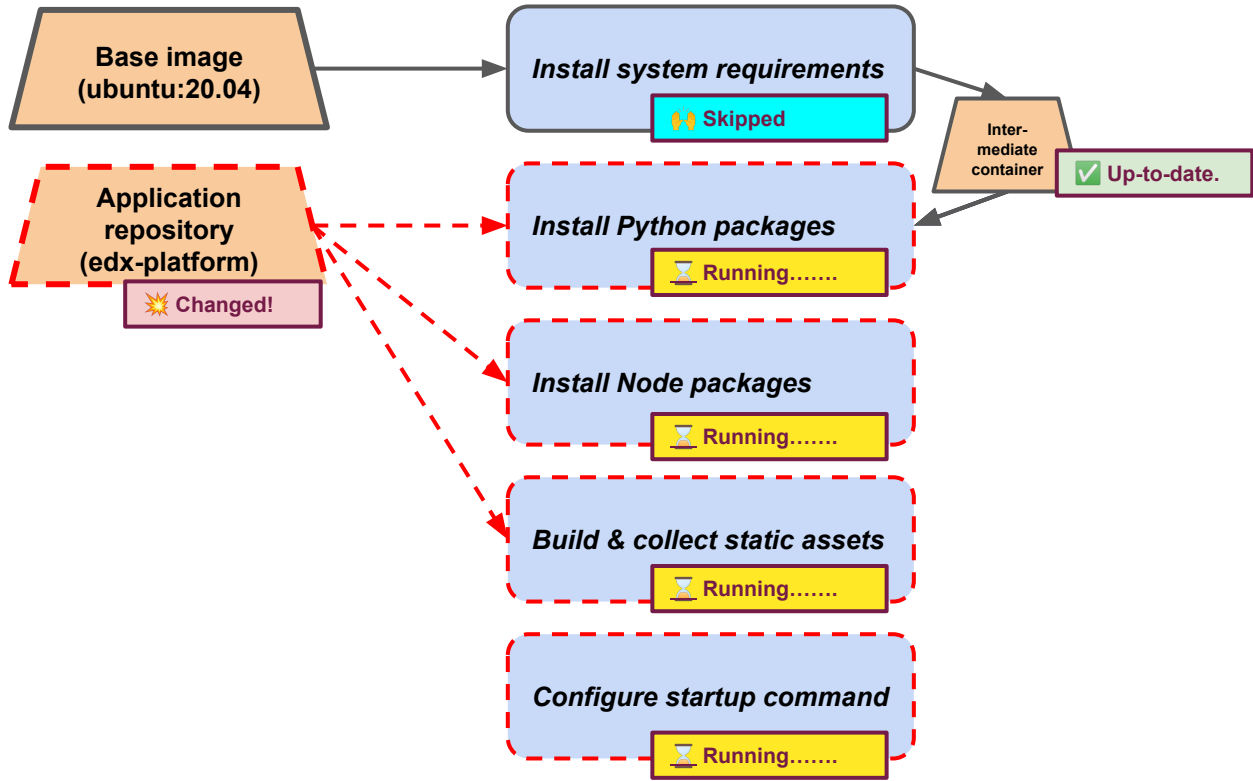


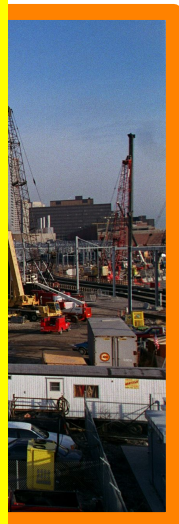




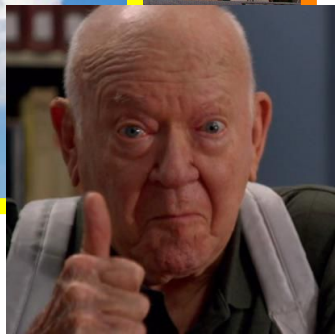


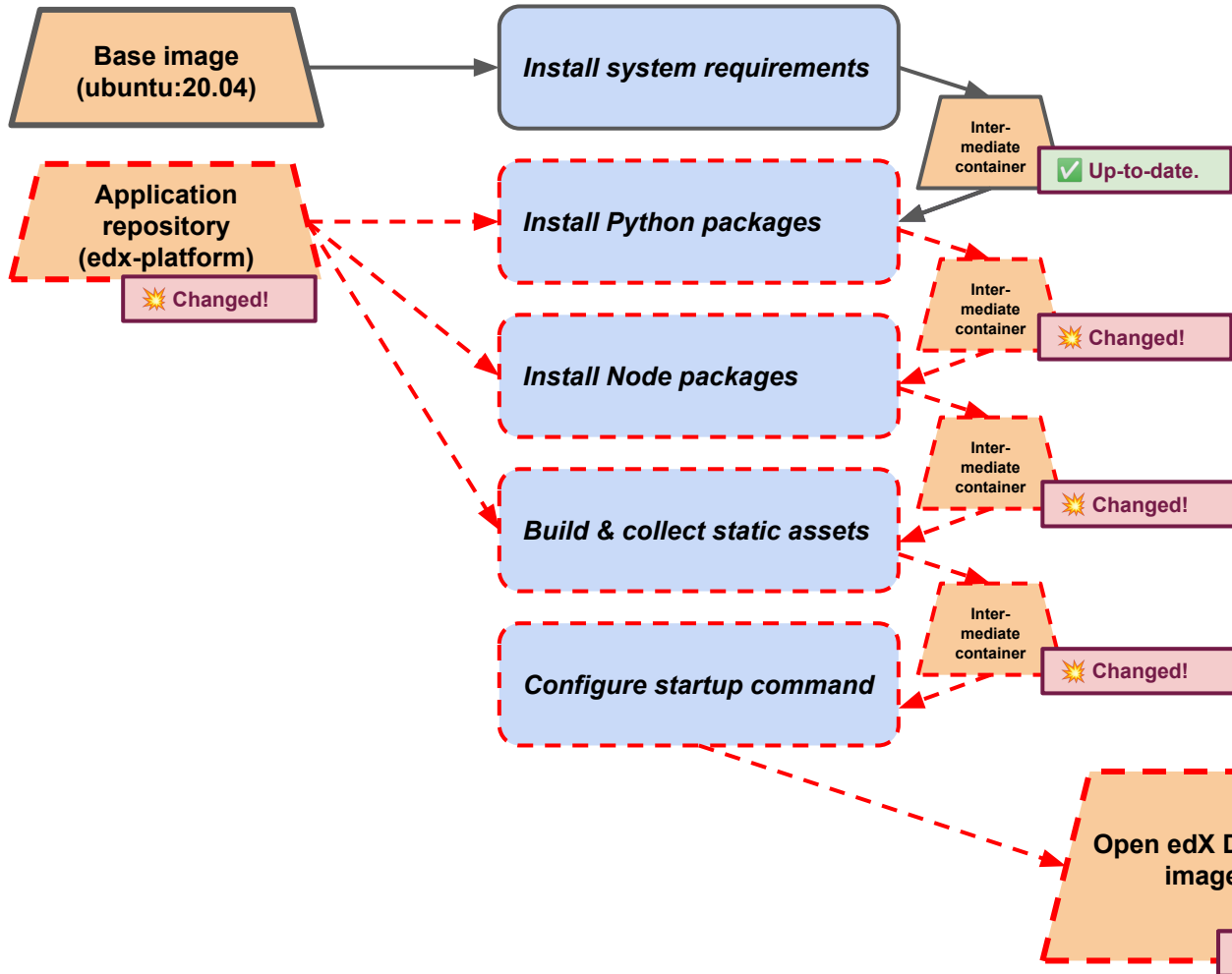


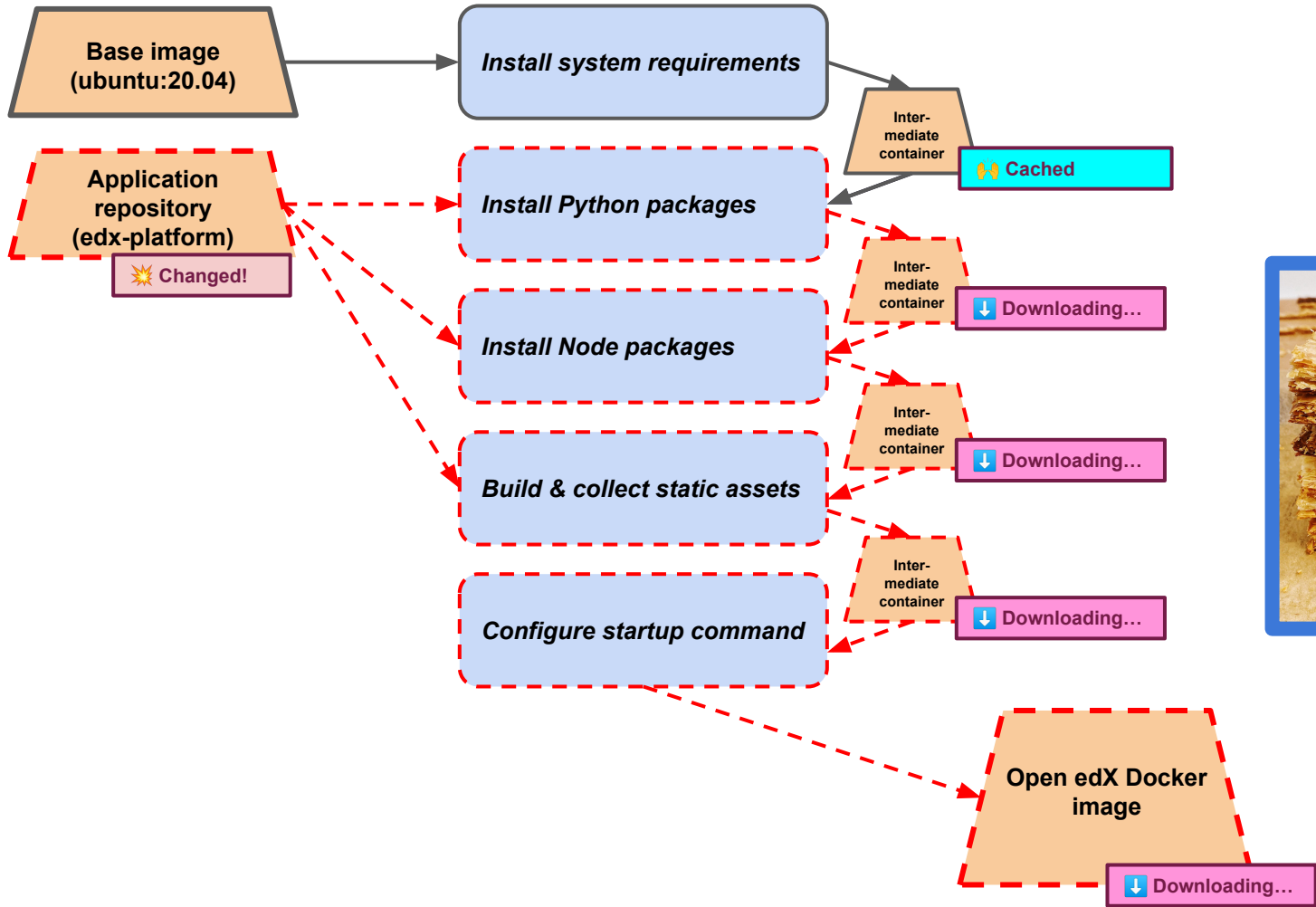


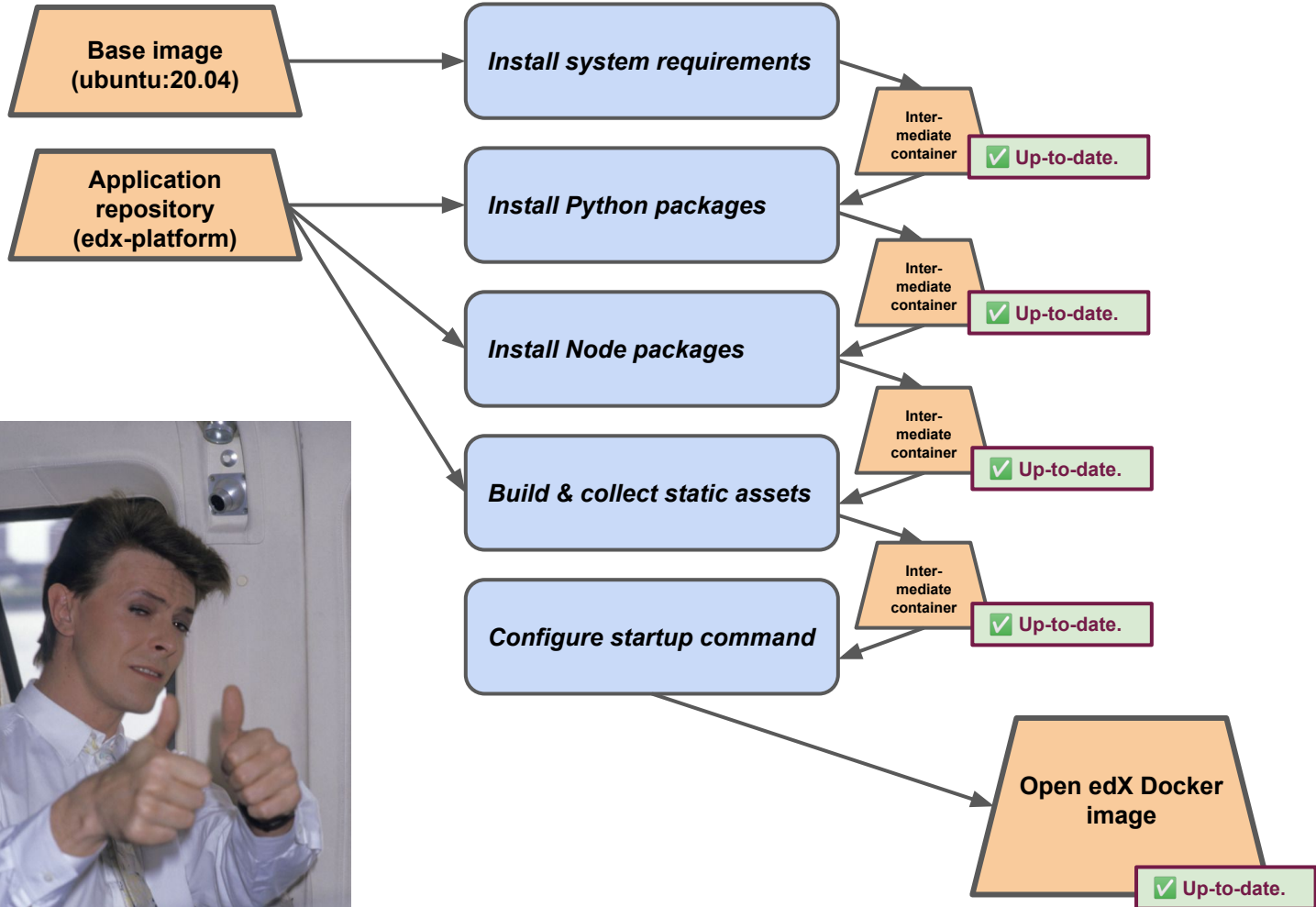


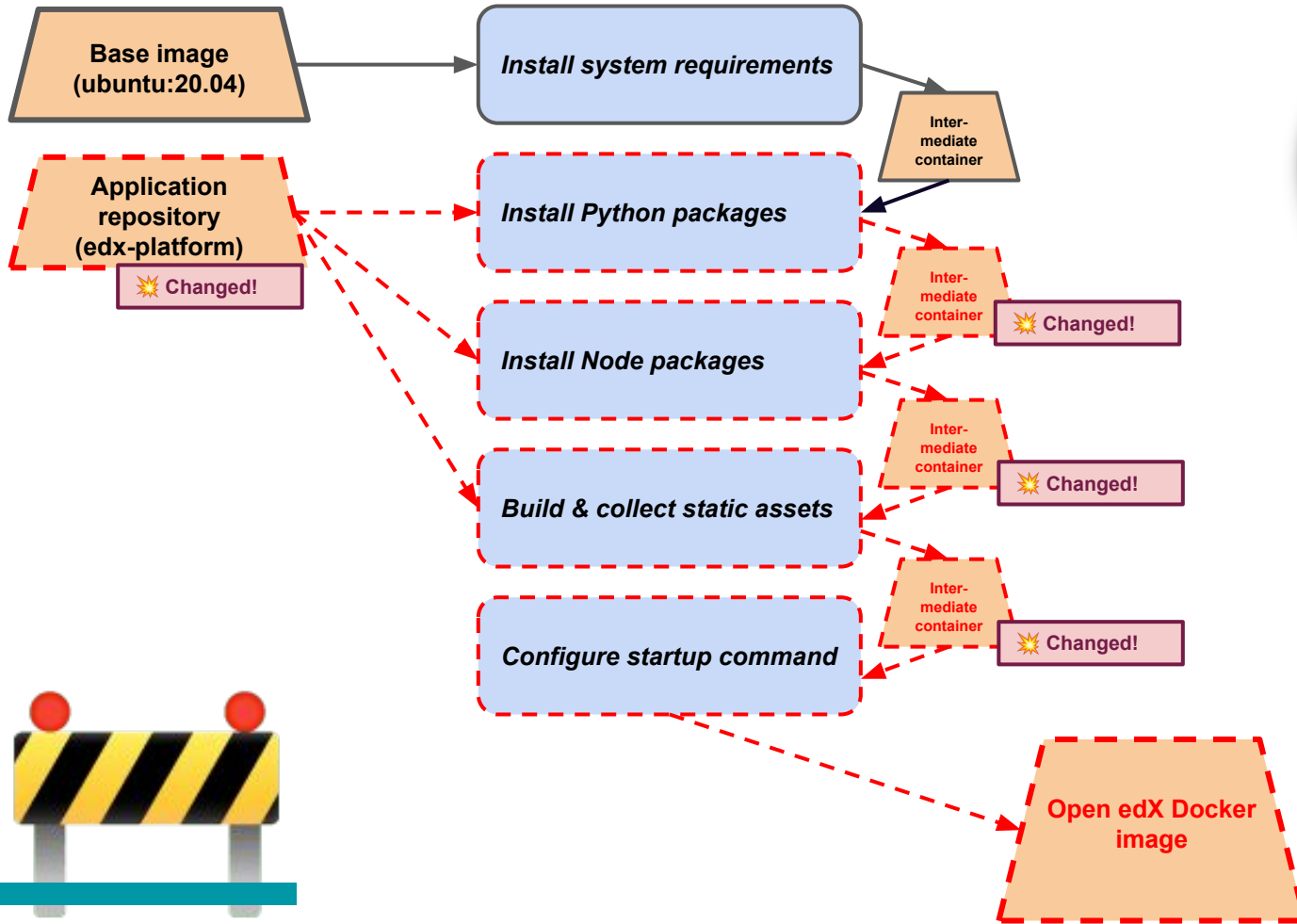


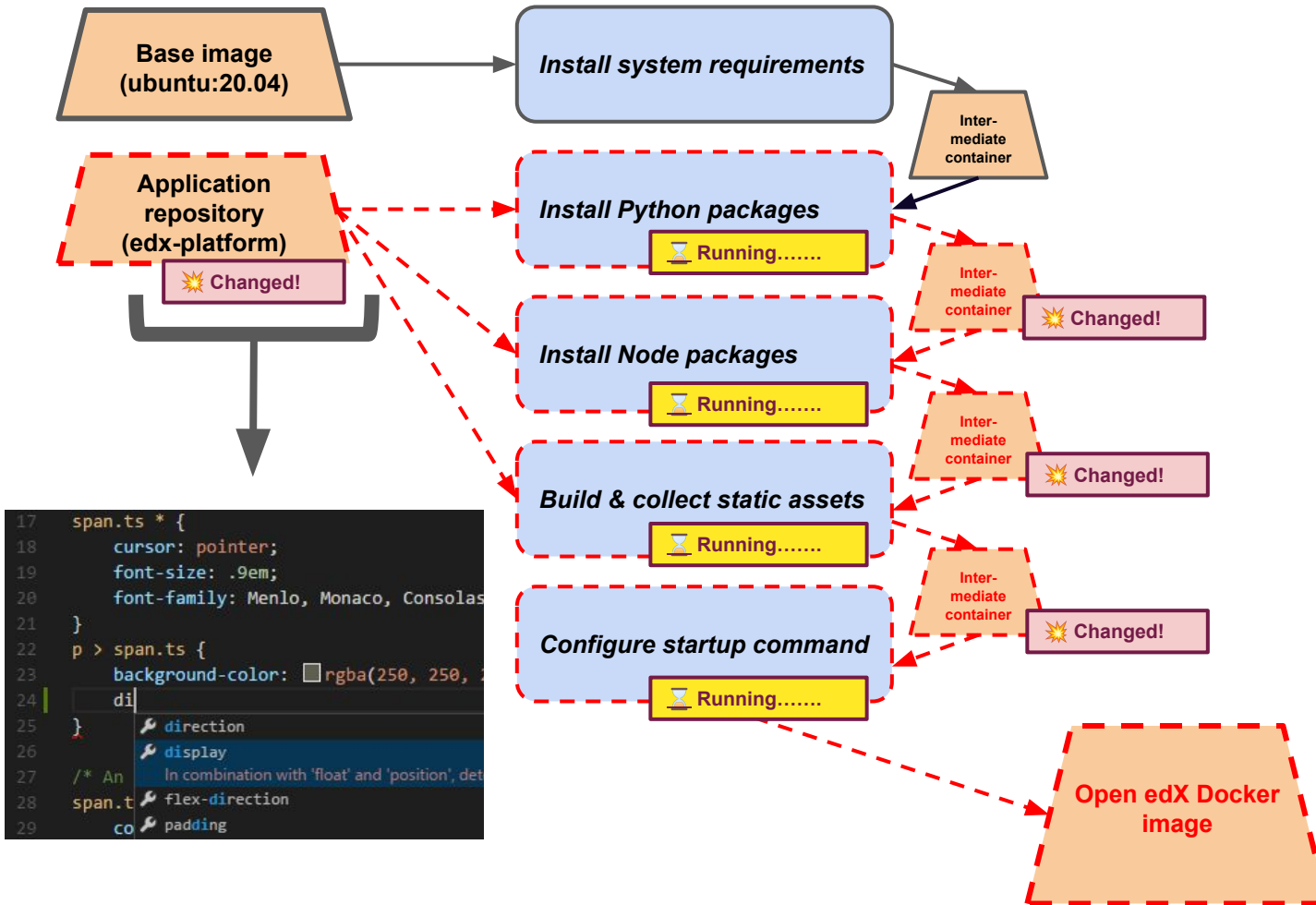


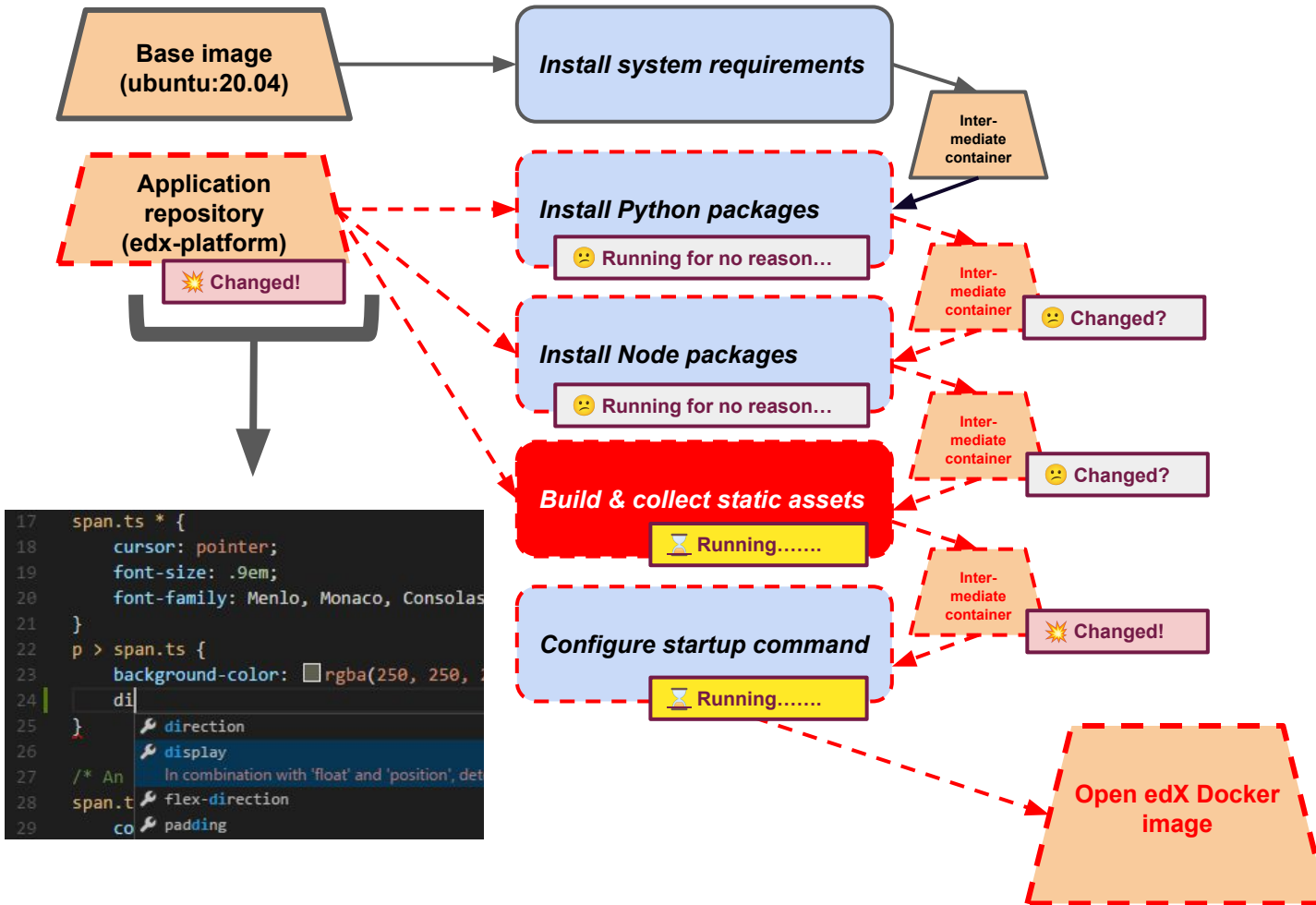


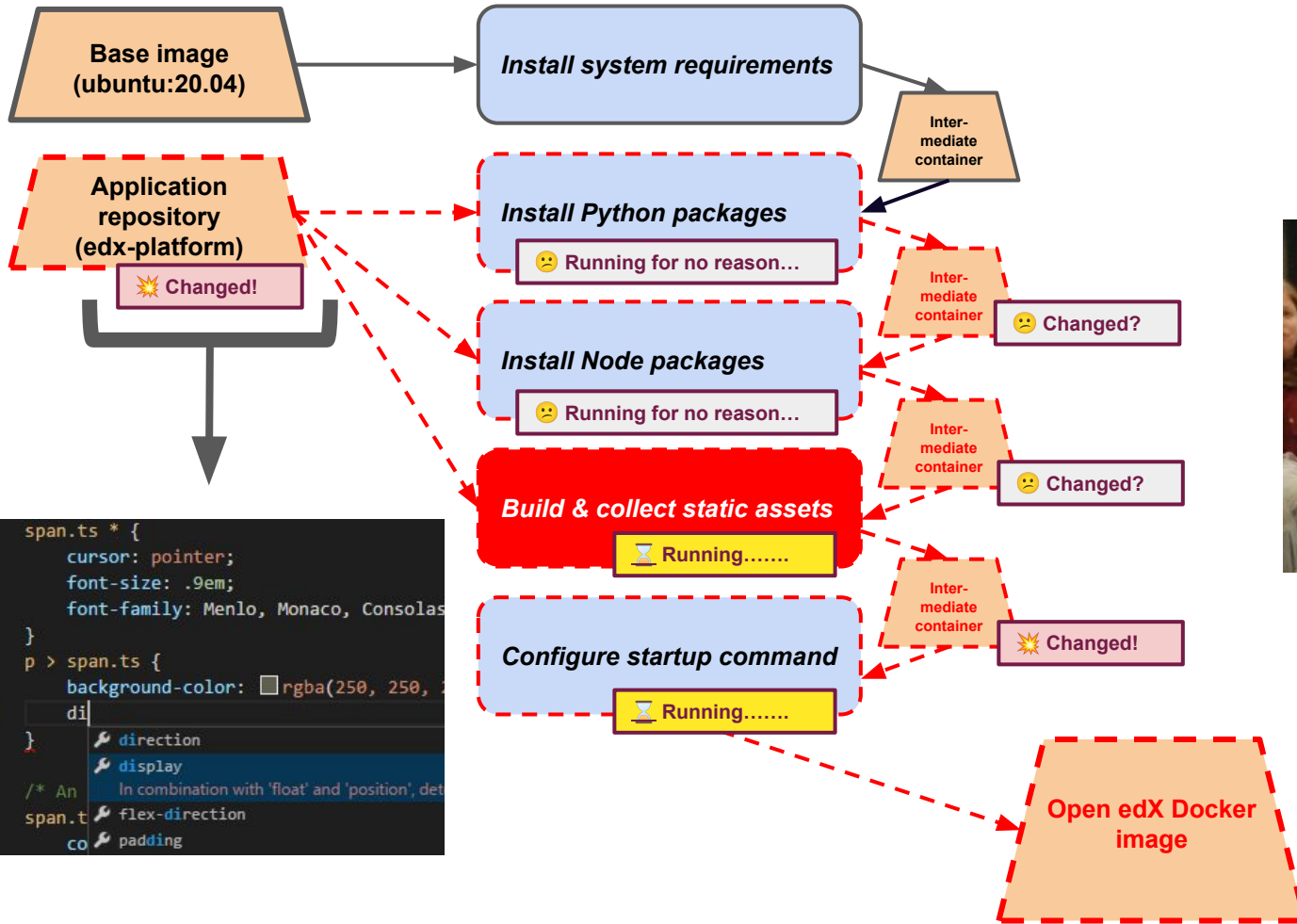








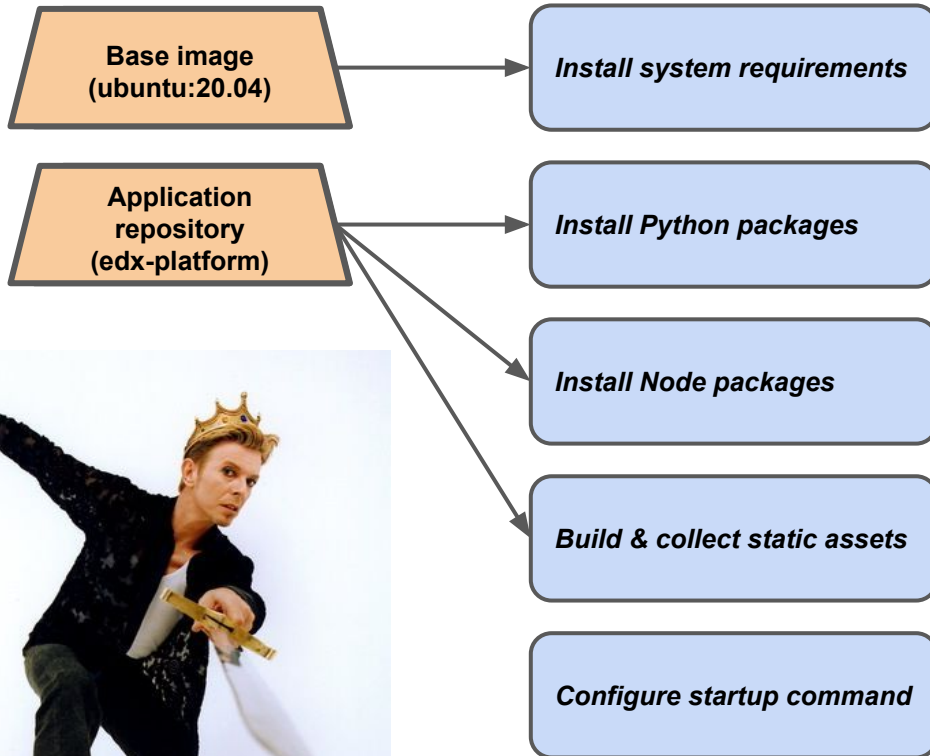


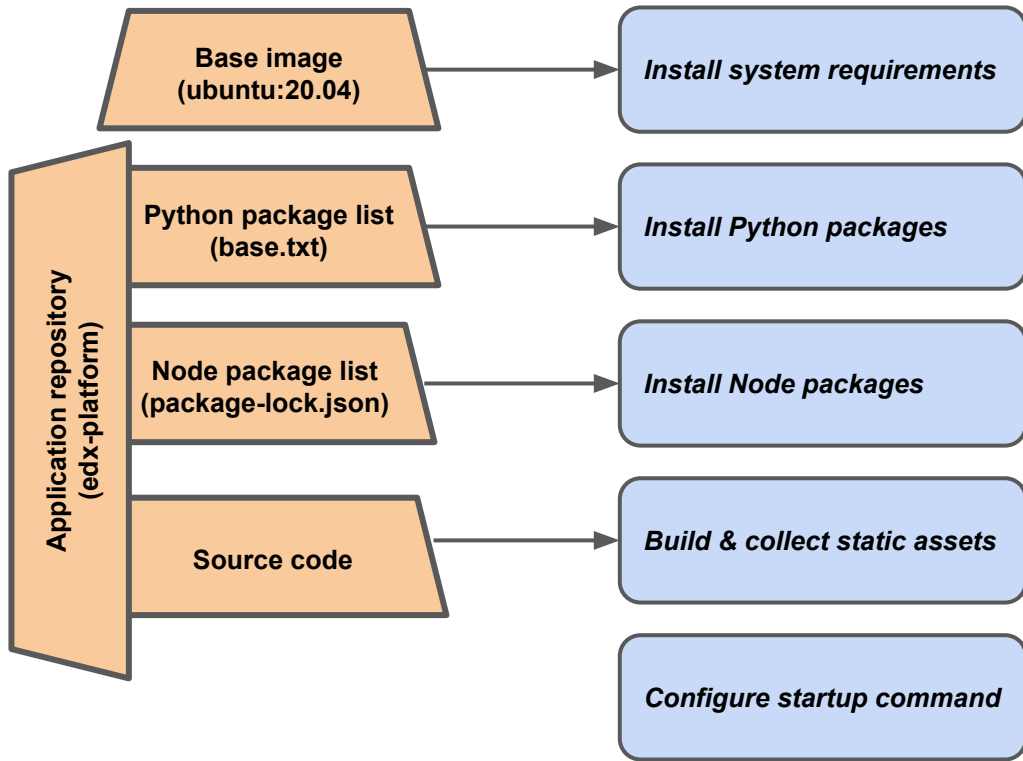


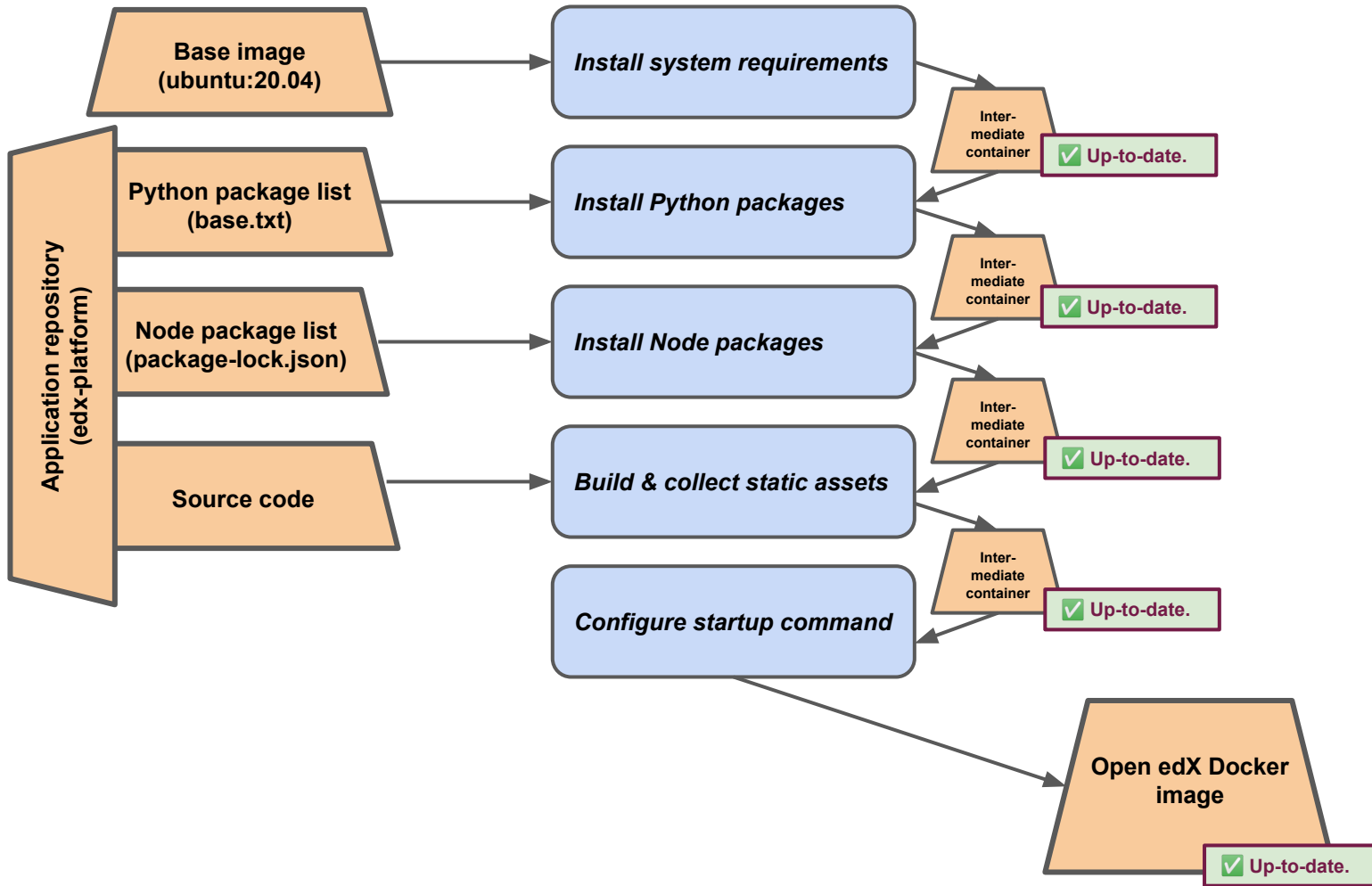
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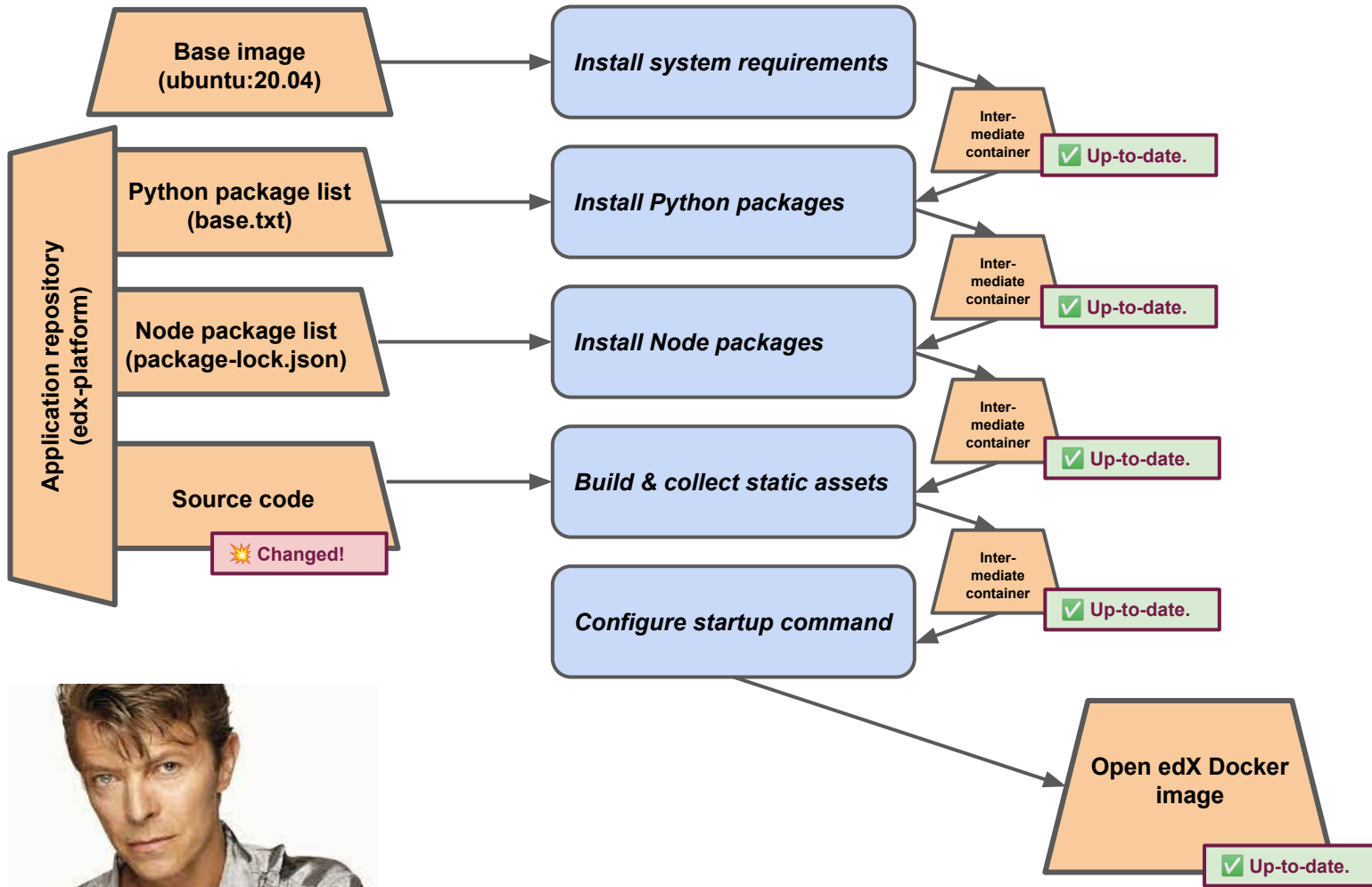
17 span.ts * {
18   cursor: pointer;
19   font-size: .9em;
20   font-family: Menlo, Monaco, Consolas
21 }
22 p > span.ts {
23   background-color: rgba(250, 250, 250, 0.5)
24 }
25 }
26 }
27 /* An In combination with 'float' and 'position', det
28 span.t flex-direction
29 co padding
  
```

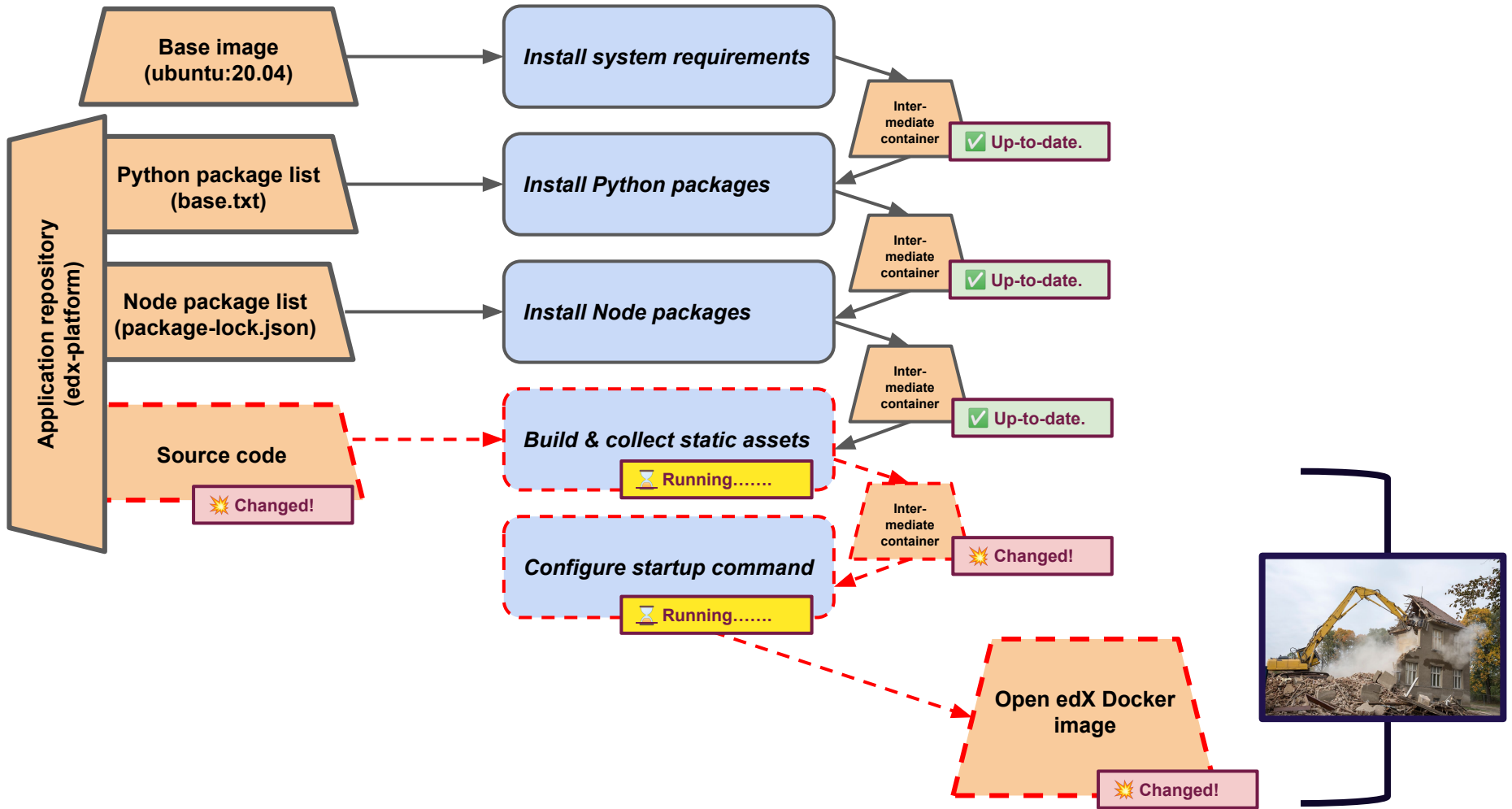


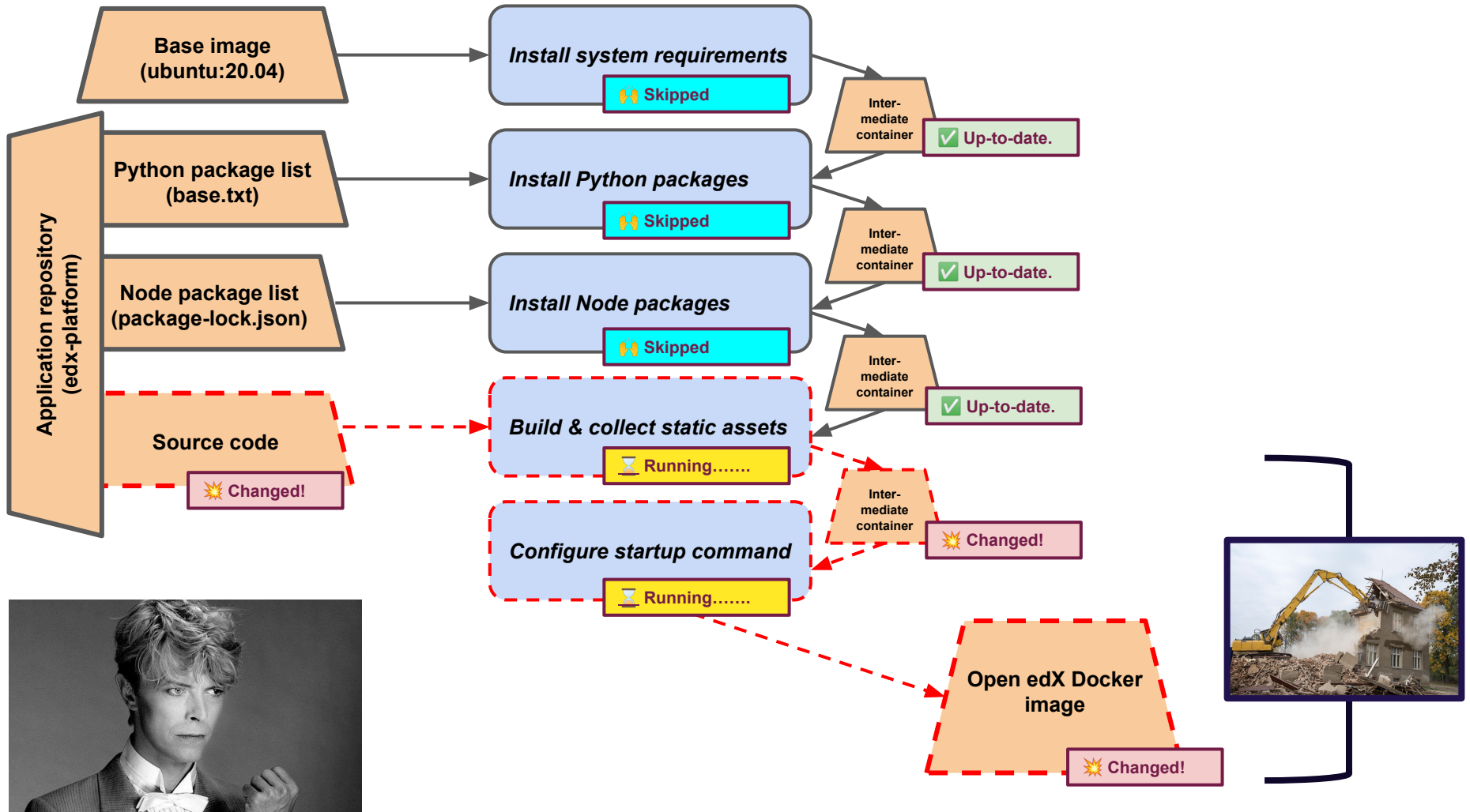




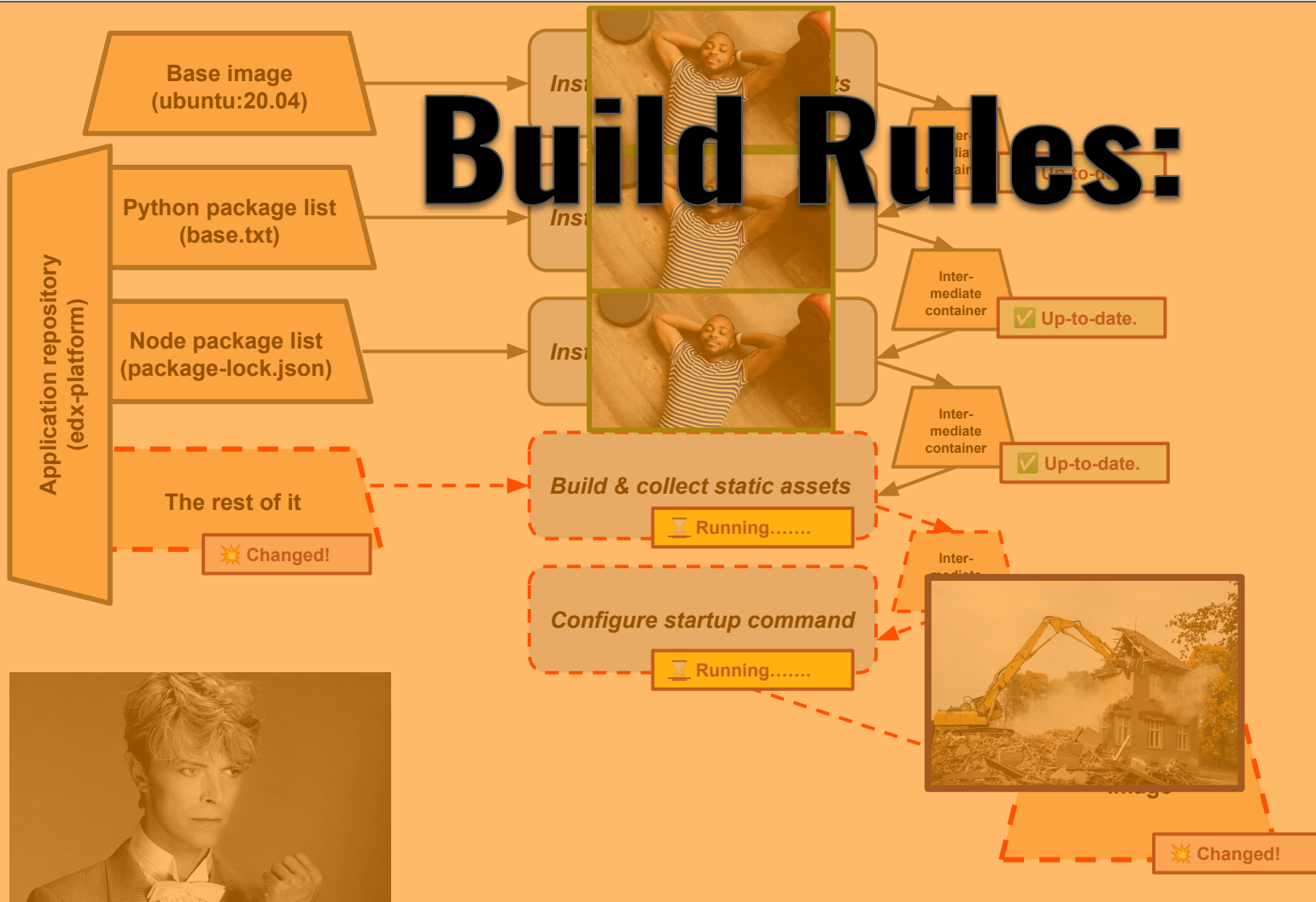








Build Rules:



Build Rules:

1. Correct

Application repository
(edx-platform)

Base image
(ubuntu:20.04)

Python package list
(base.txt)

Node package list
(package-lock.json)

The rest of it

⚡ Changed!

Configure startup command

🕒 Running.....



⚡ Changed!



Build & collect static assets
Running.....

Intermediate container
Up-to-date.

Intermediate container
Up-to-date.

Intermediate container
Up-to-date.

Build Rules:

Application repository
(edx-platform)

Base image
(ubuntu:20.04)

Python package list
(base.txt)

Node package list
(package-lock.json)

The rest of it

⚡ Changed!

Build & collect static assets

Running.....

Configure startup command

Running.....



⚡ Changed!

1. Correct

2. Efficient



Base image
(ubuntu:20.04)

Inst

ts



Application repository
(edx-platform)

Python package list
(base.txt)

Node package list
(package-lock.json)

The rest of i

⚡ Changed!

DON'T

BUILD

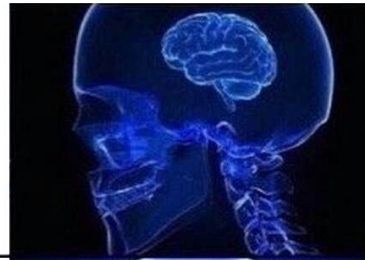
FAST BUT

BREAK THINGS



⚡ Changed!

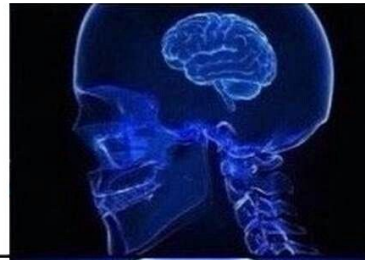
**Manual
build**



**Monolithic
automated
build**



**Manual
build**



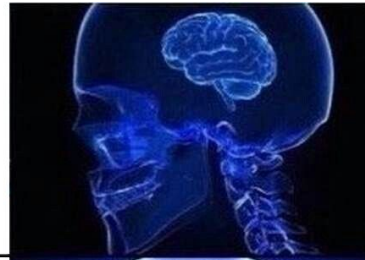
**Monolithic
automated
build**



**Layered
automated
build**



**Manual
build**



**Monolithic
automated
build**

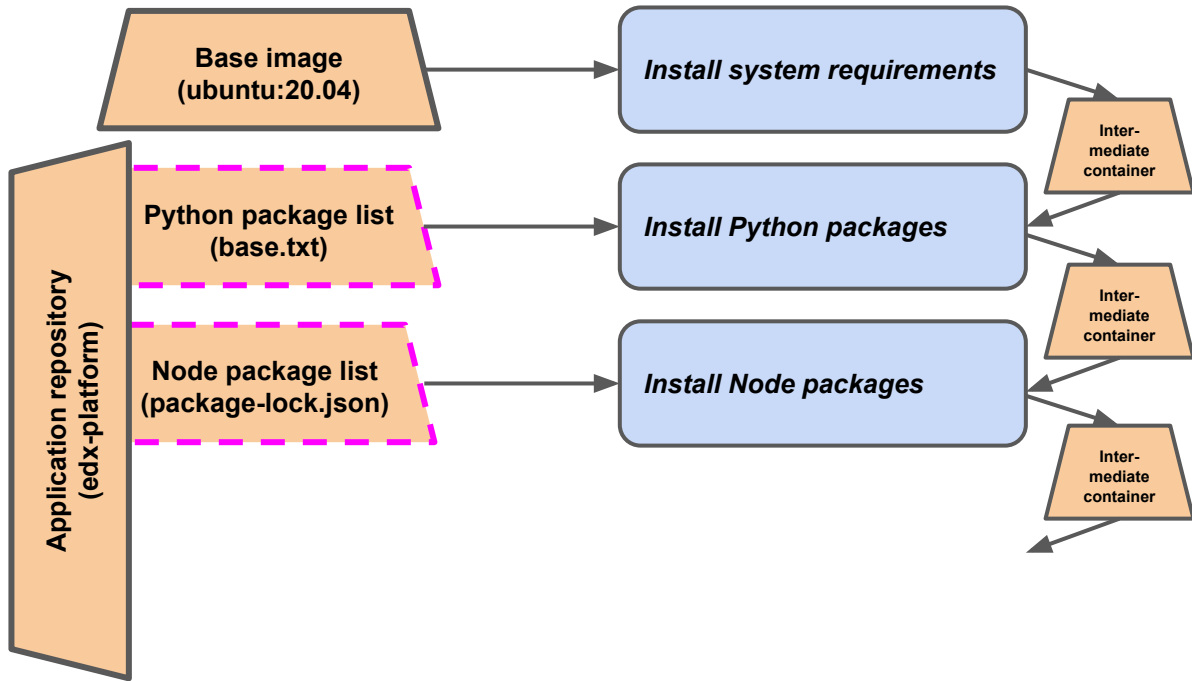


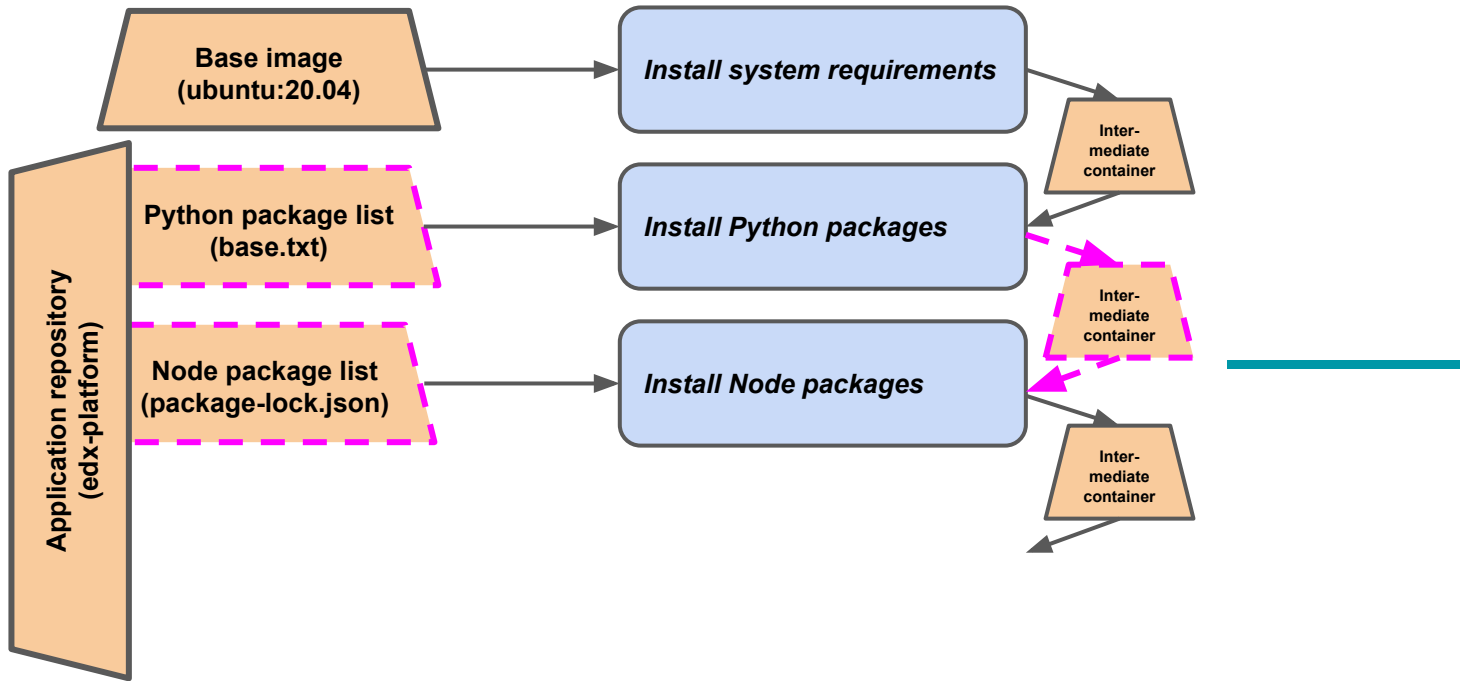
**Layered
automated
build**

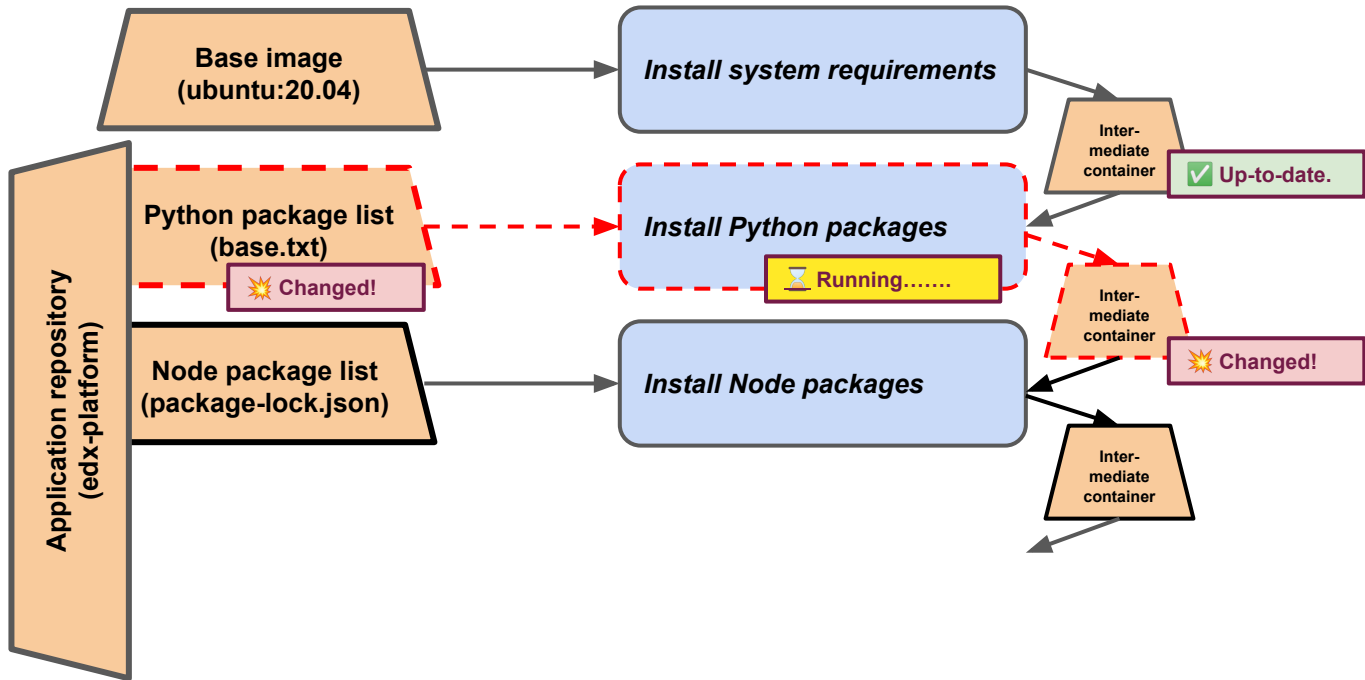


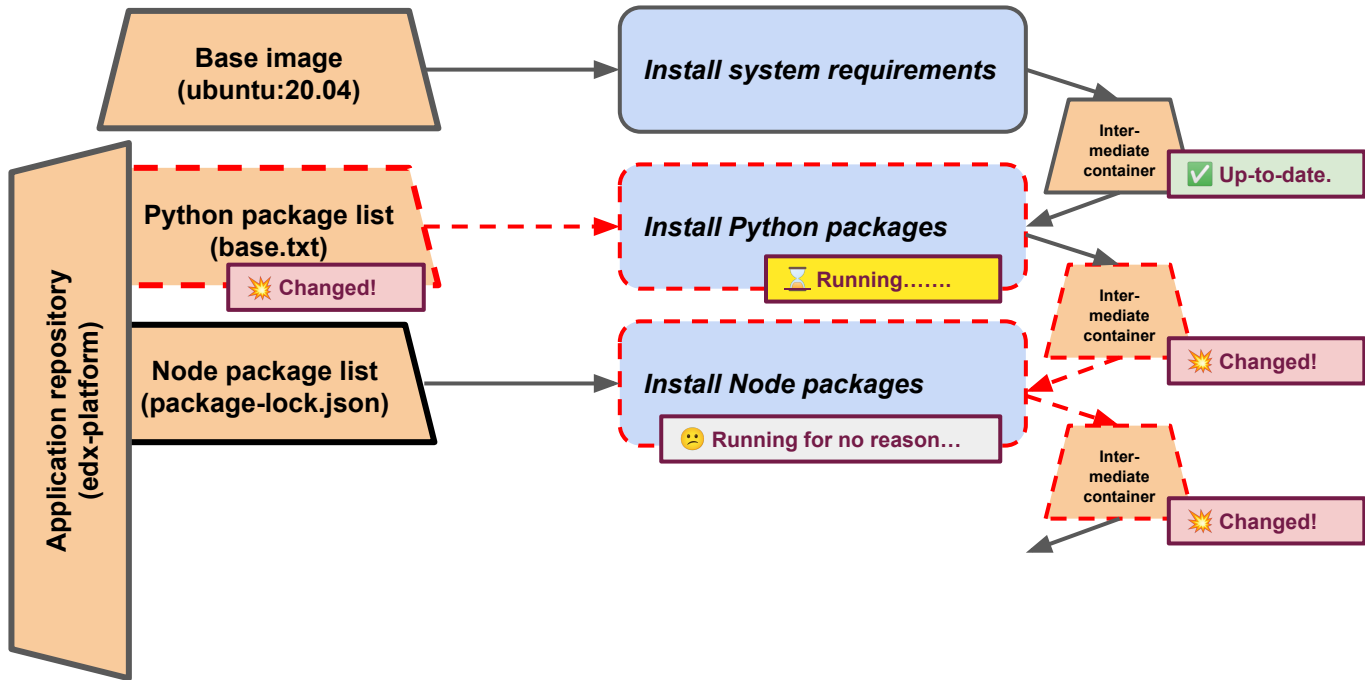
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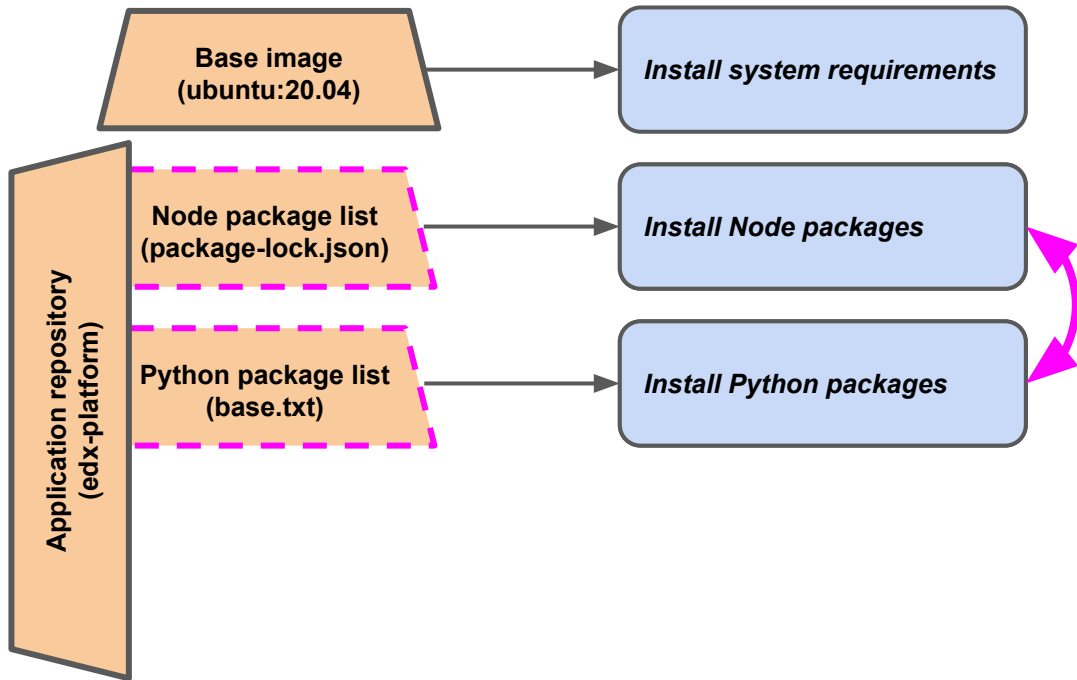


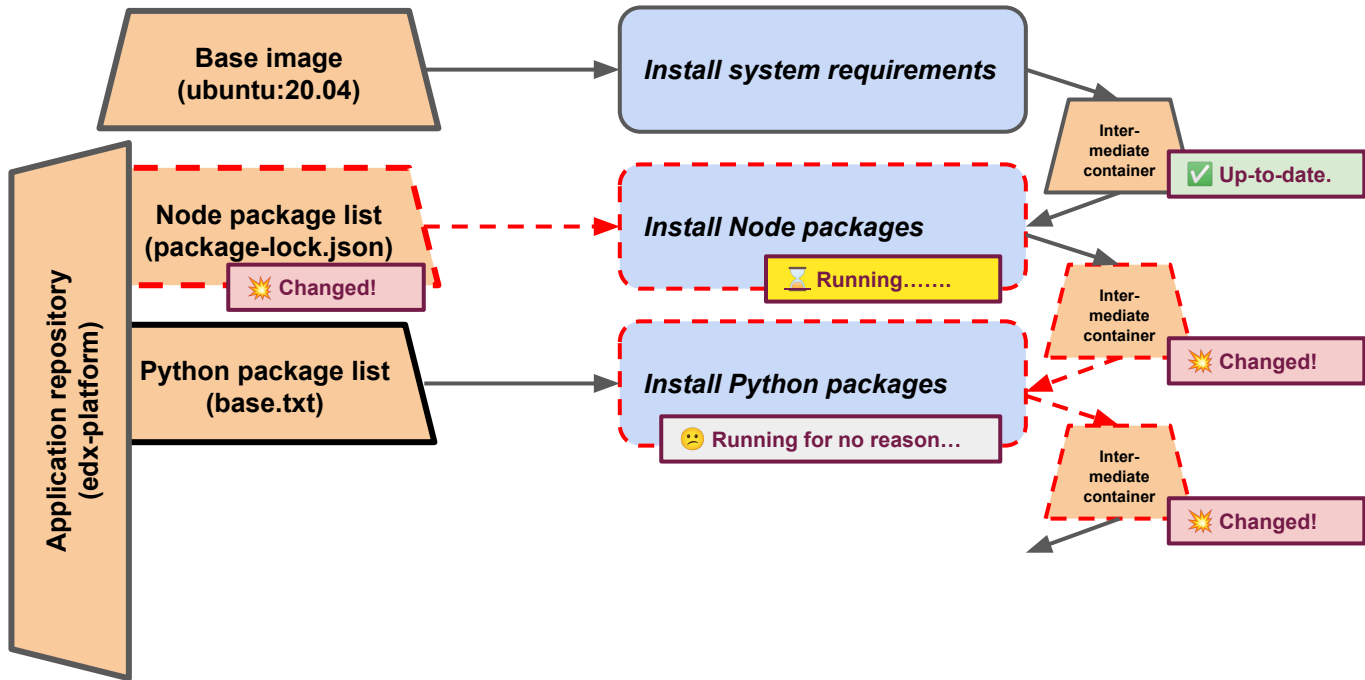


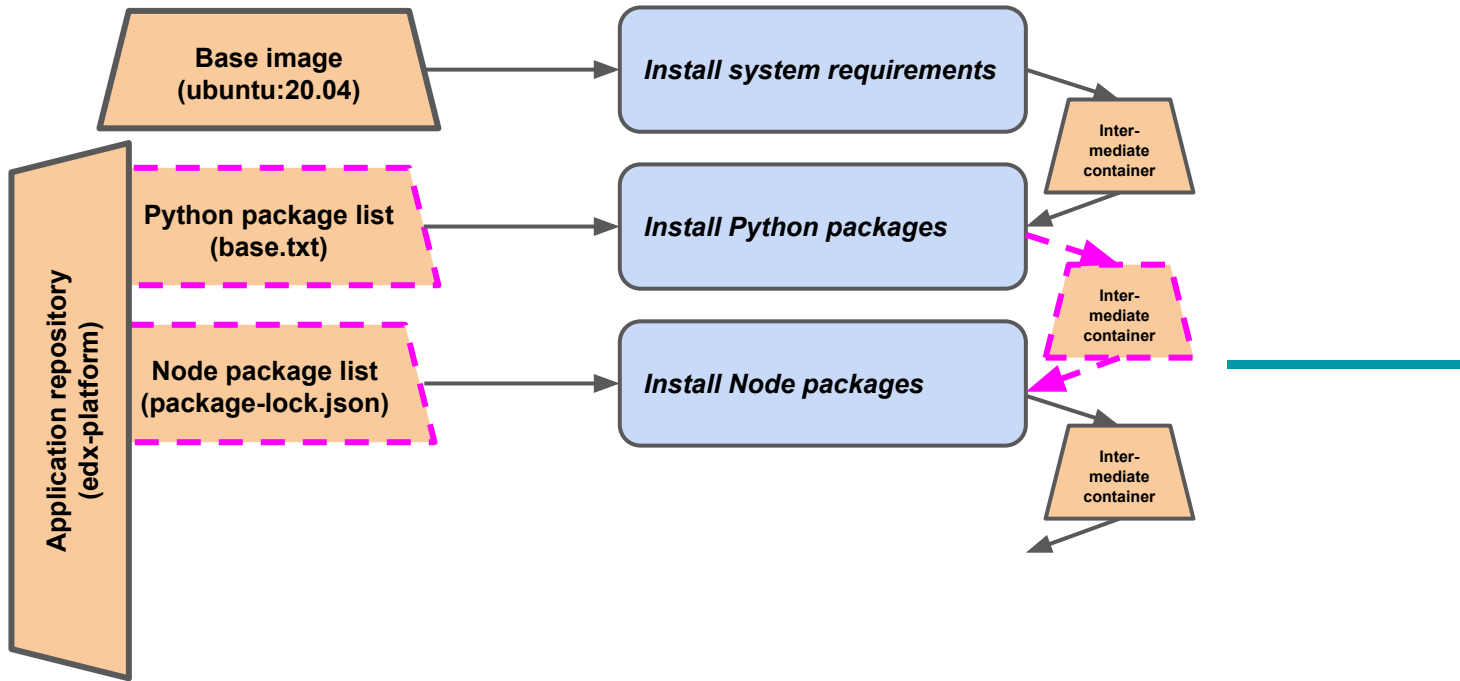


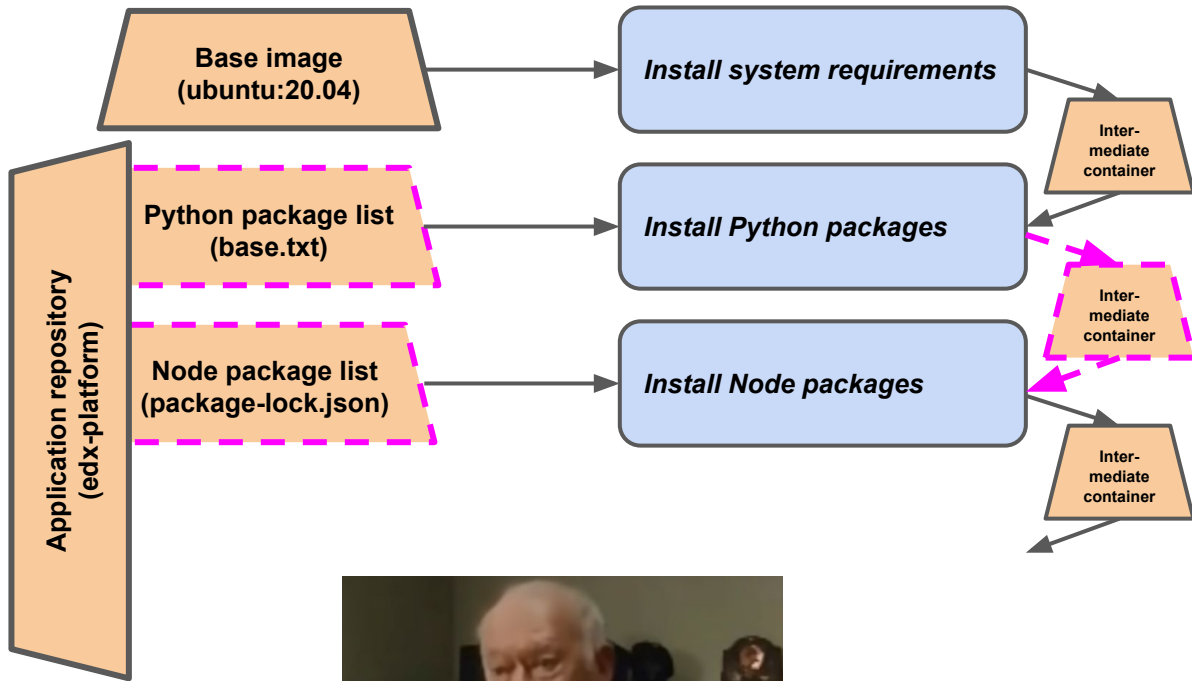


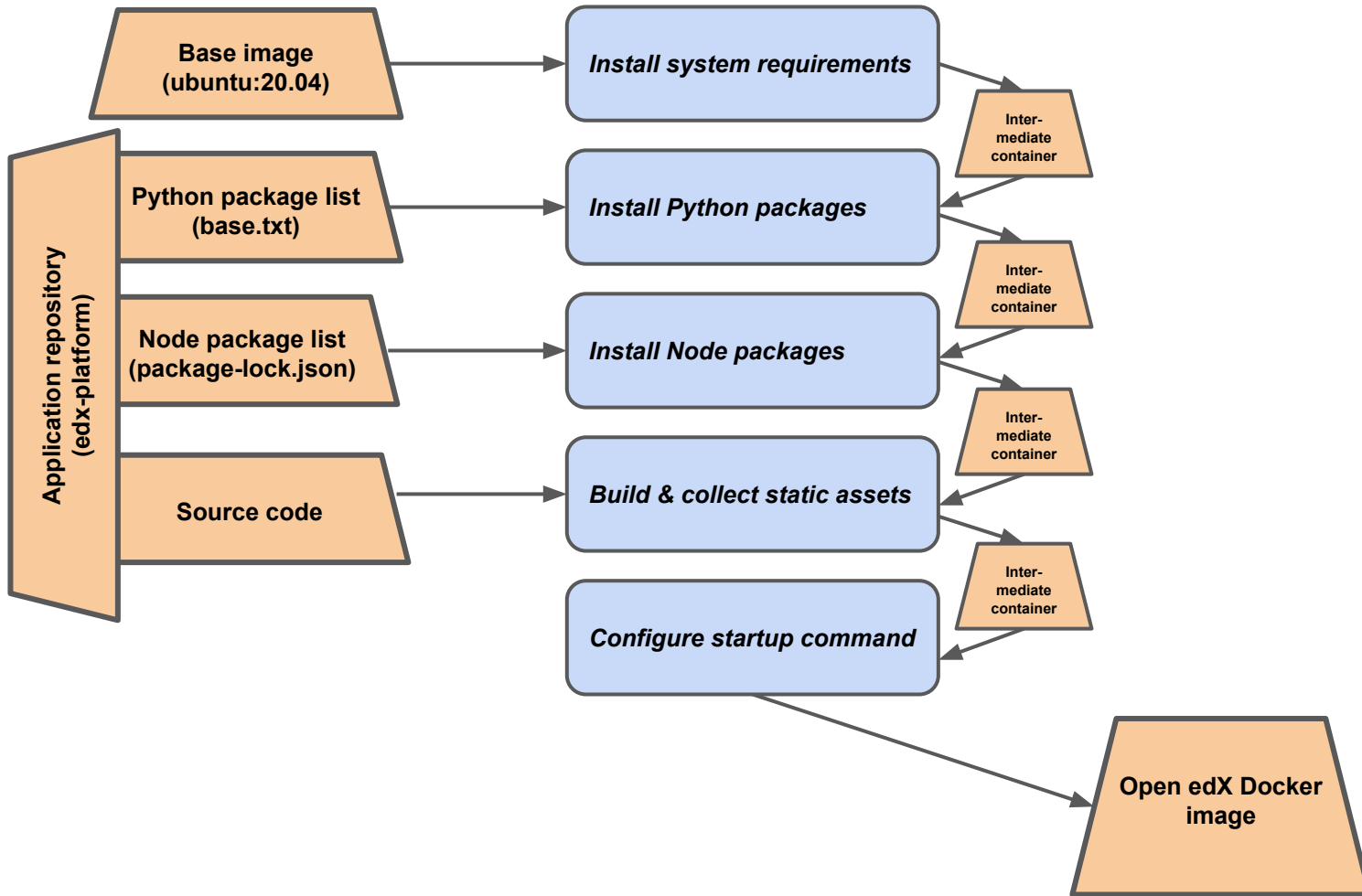


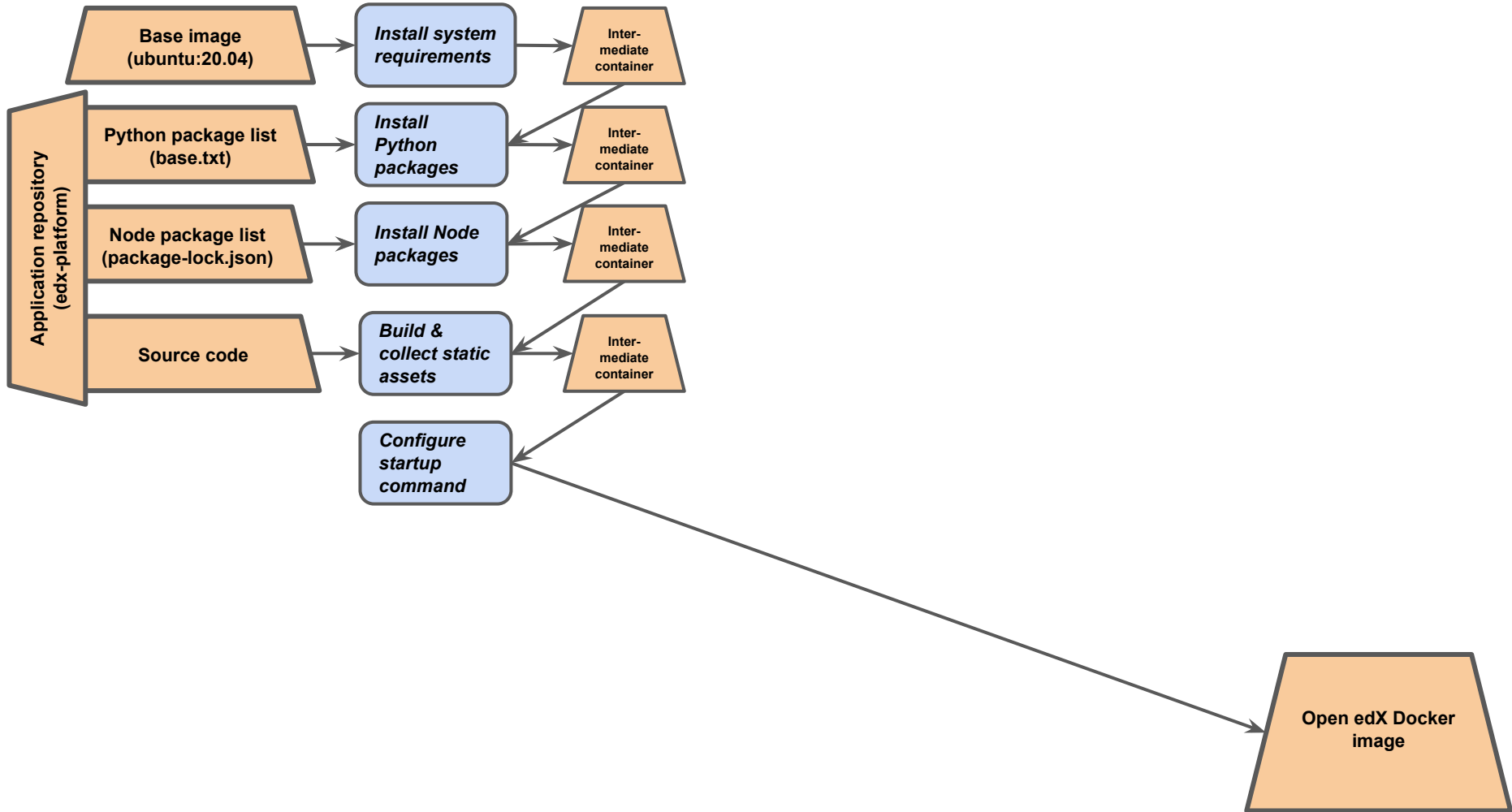


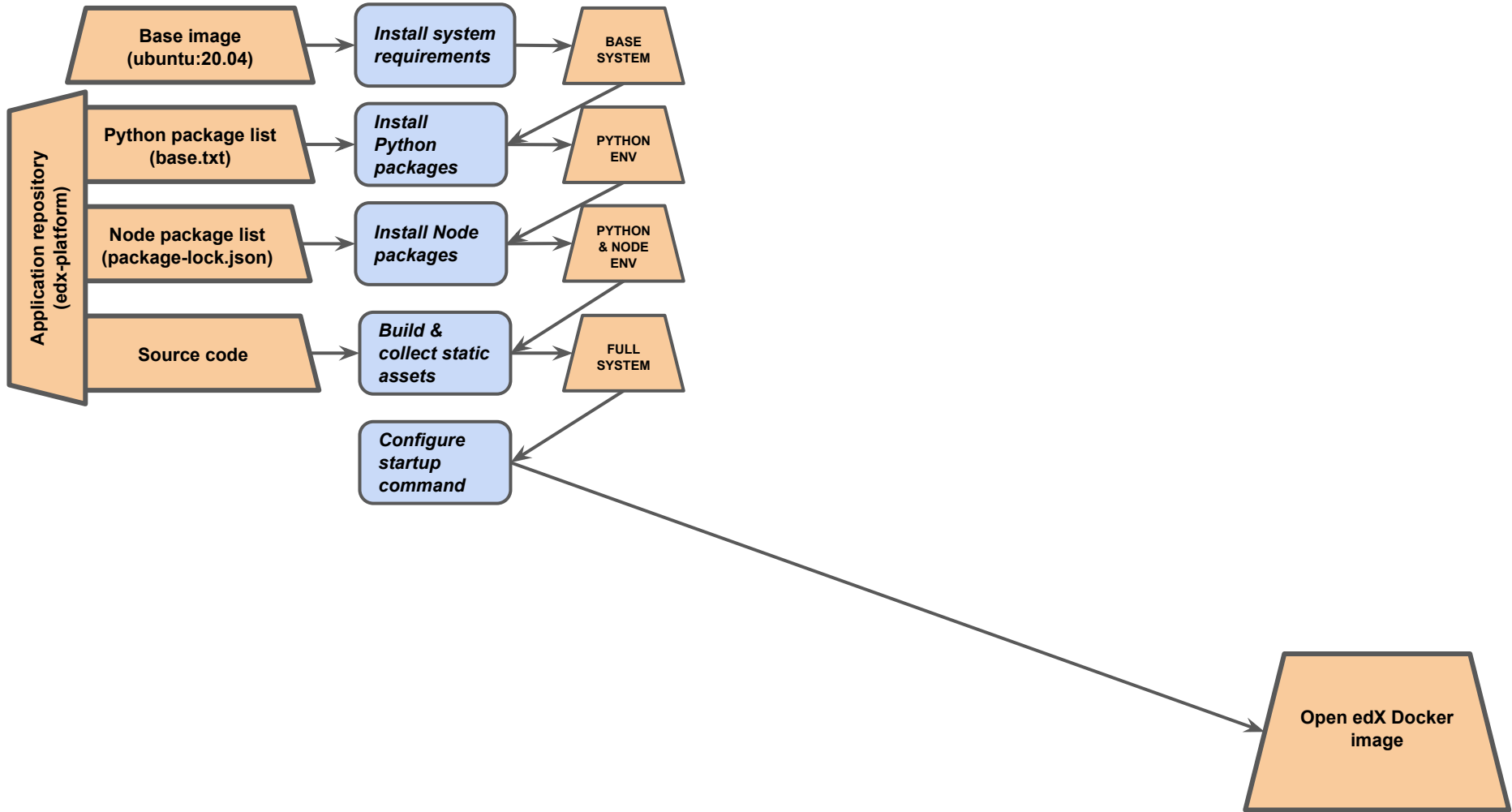


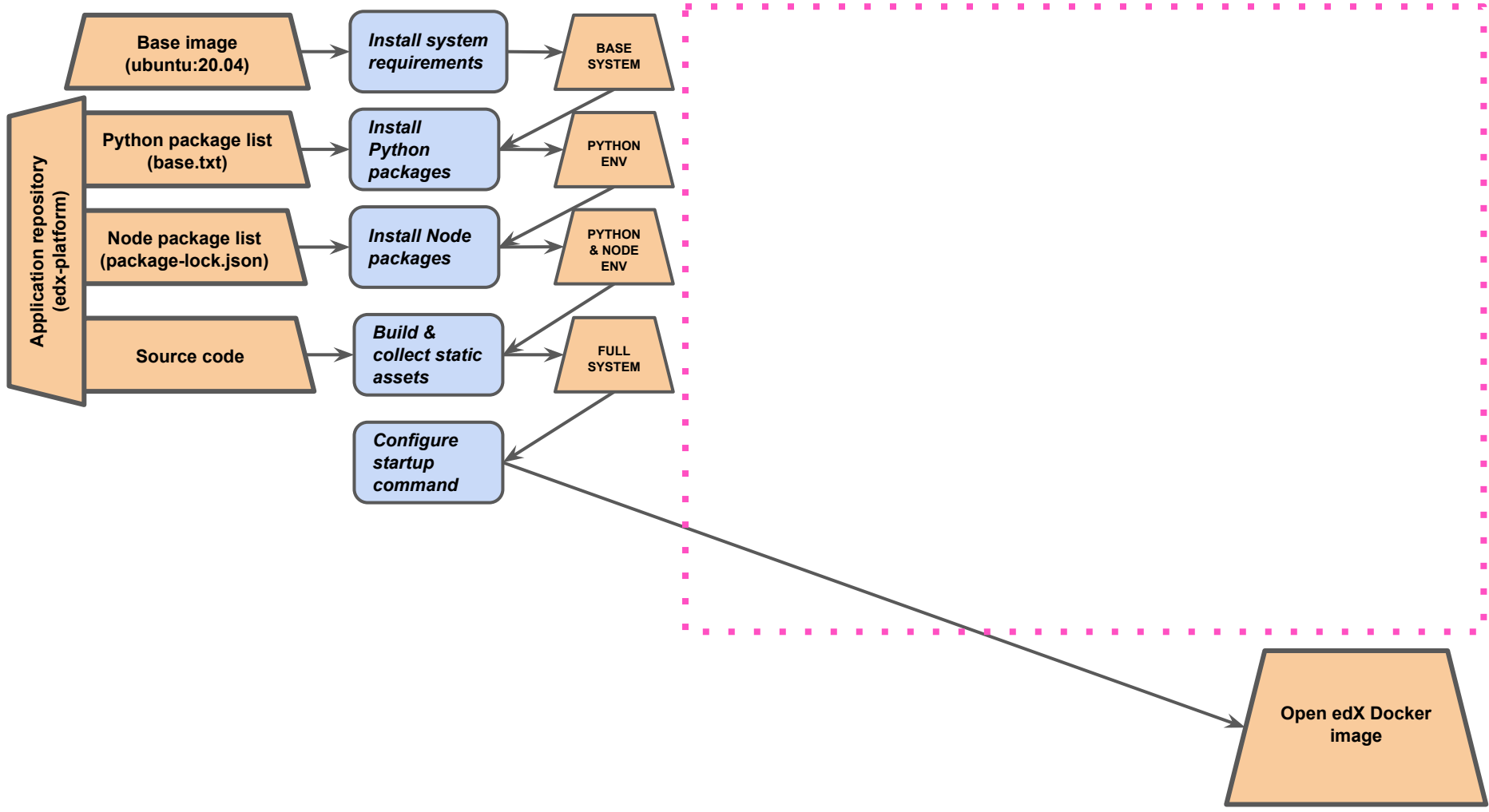


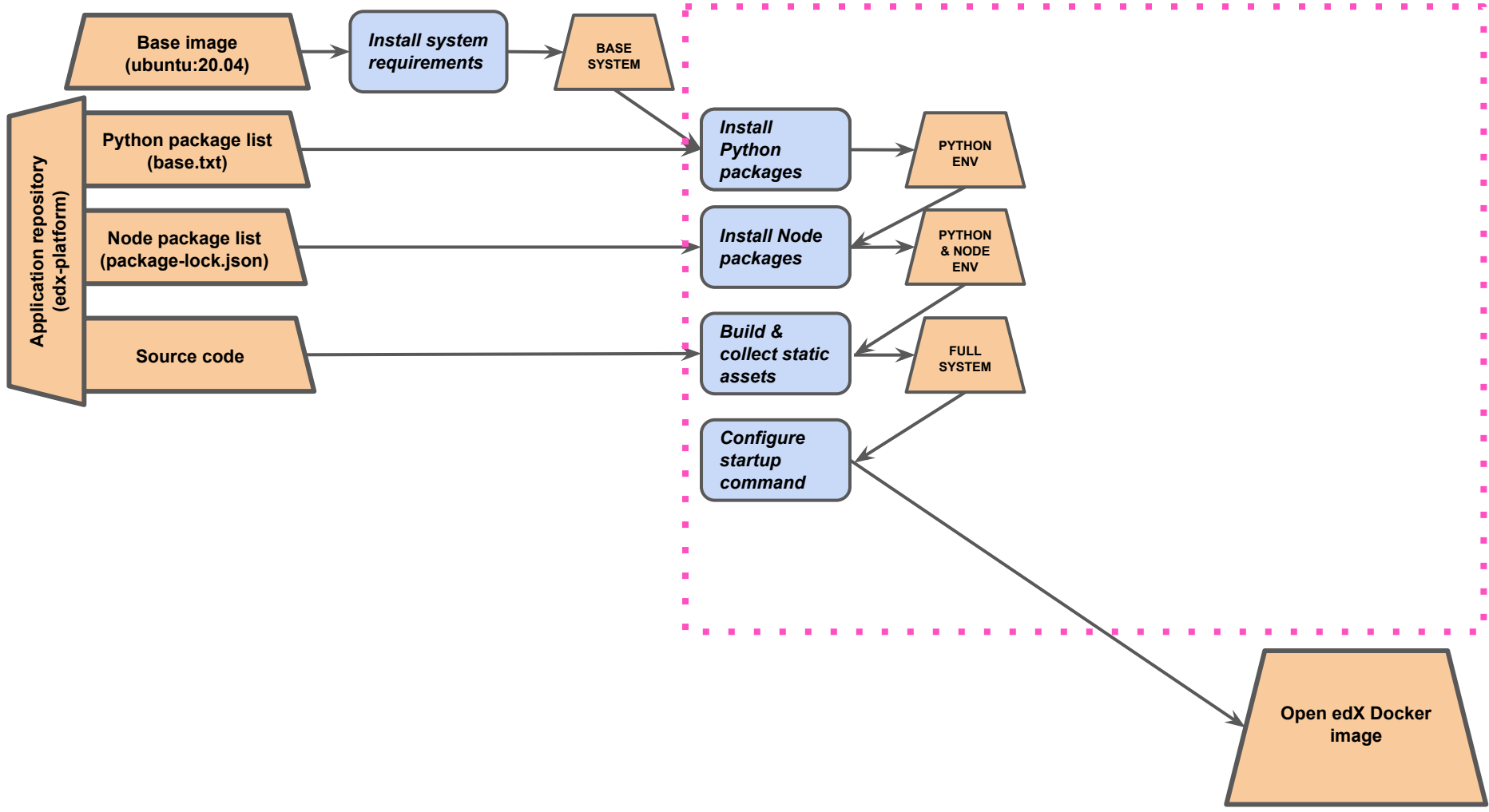


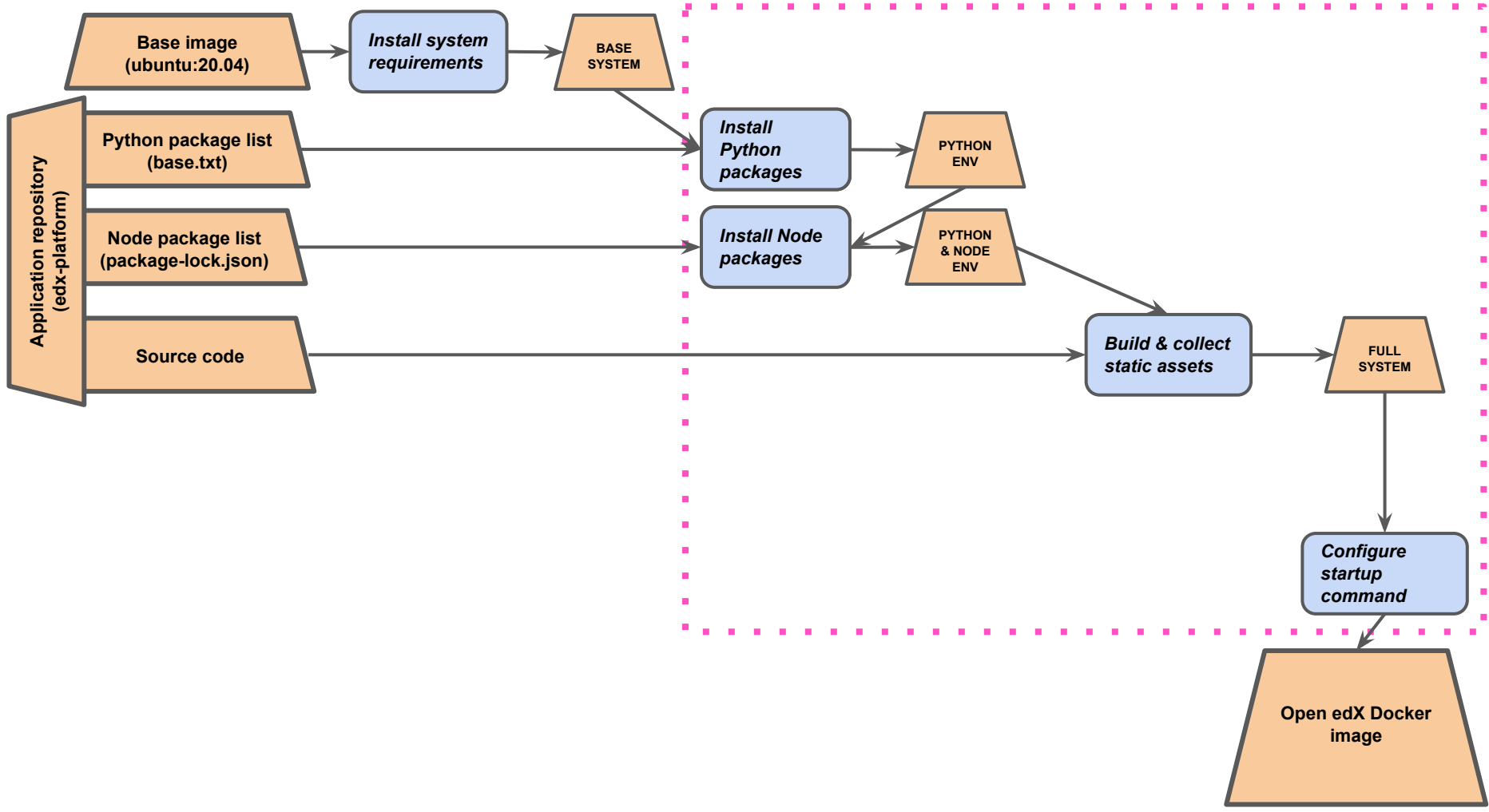


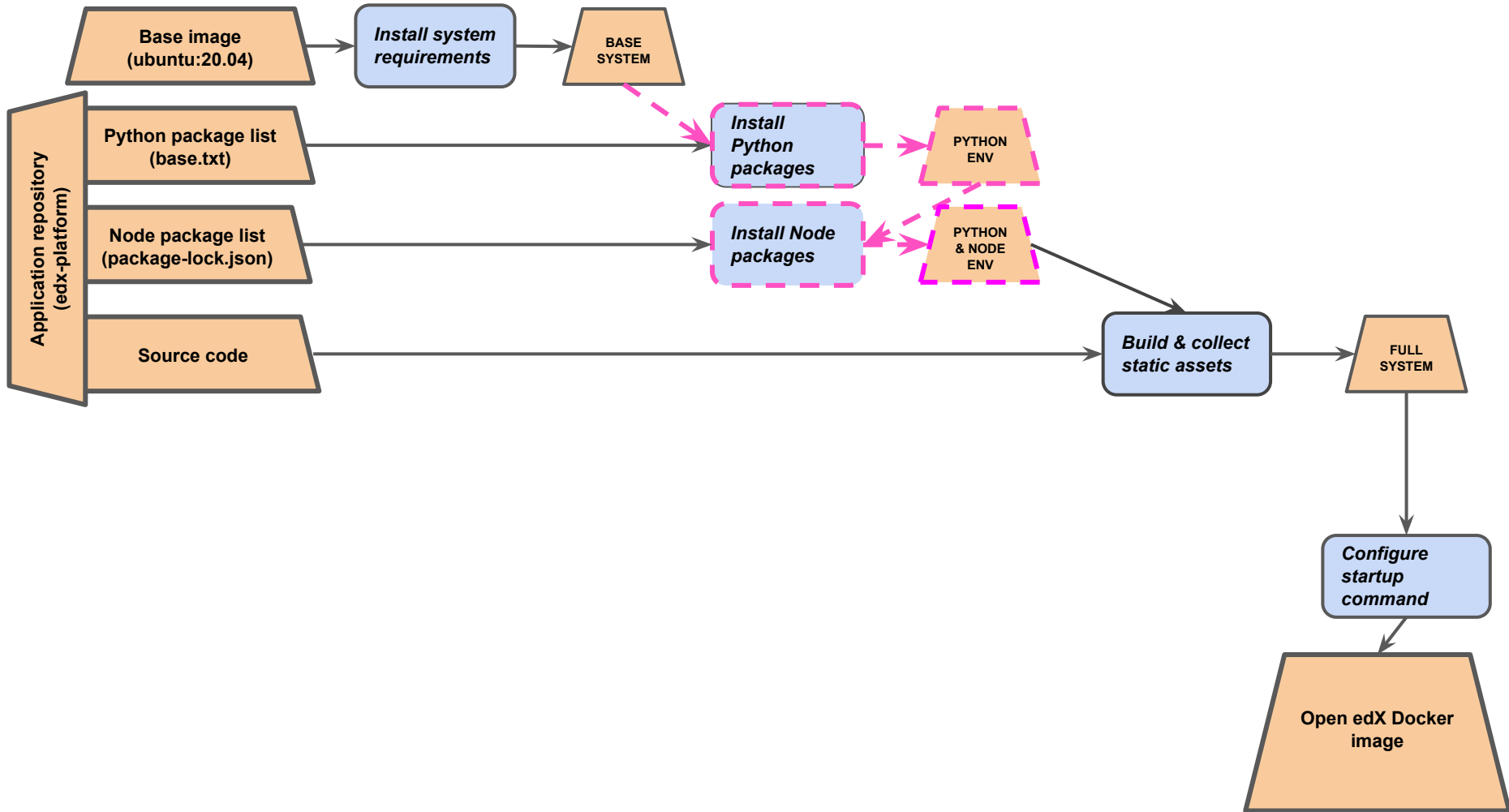


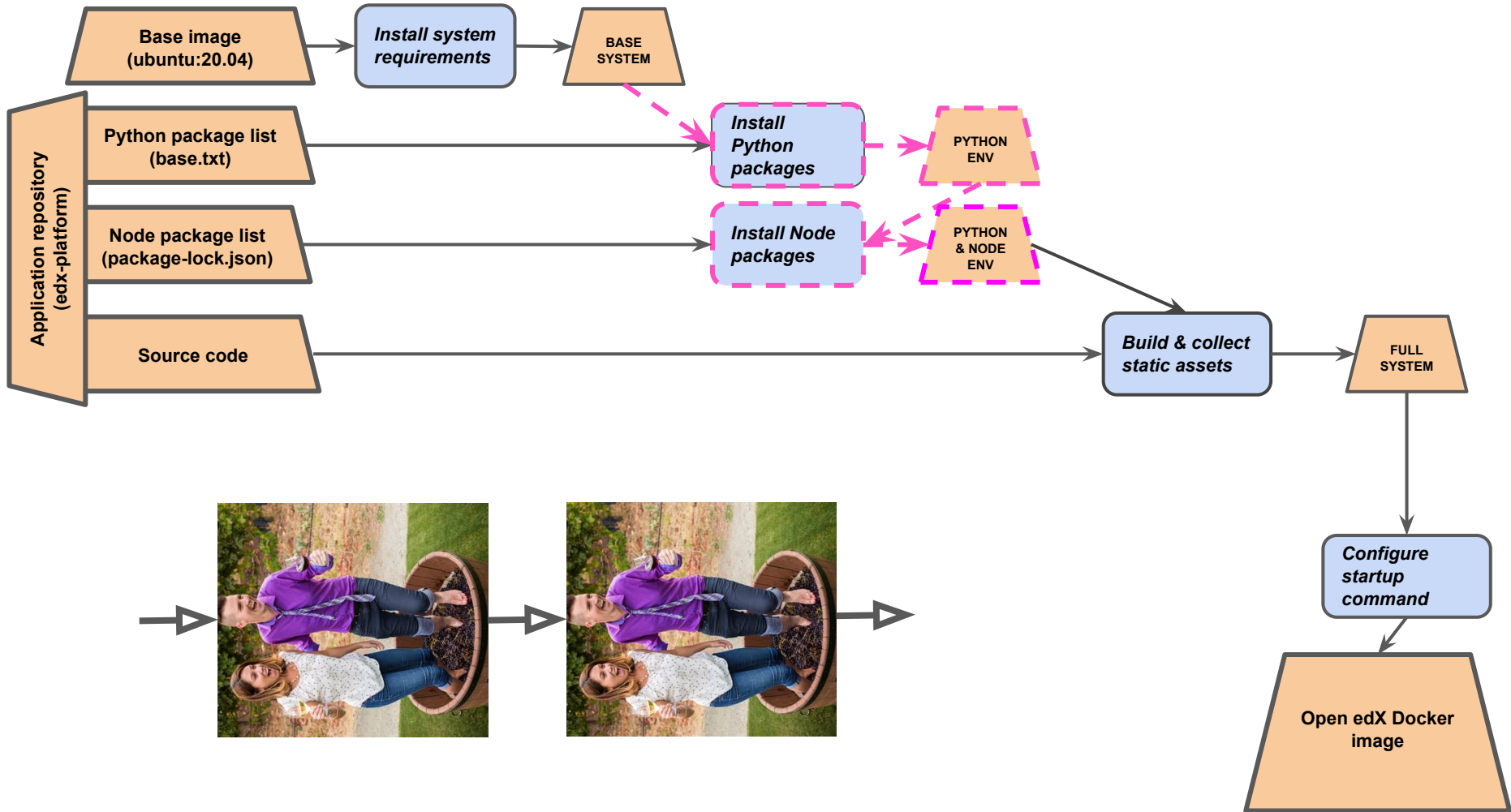


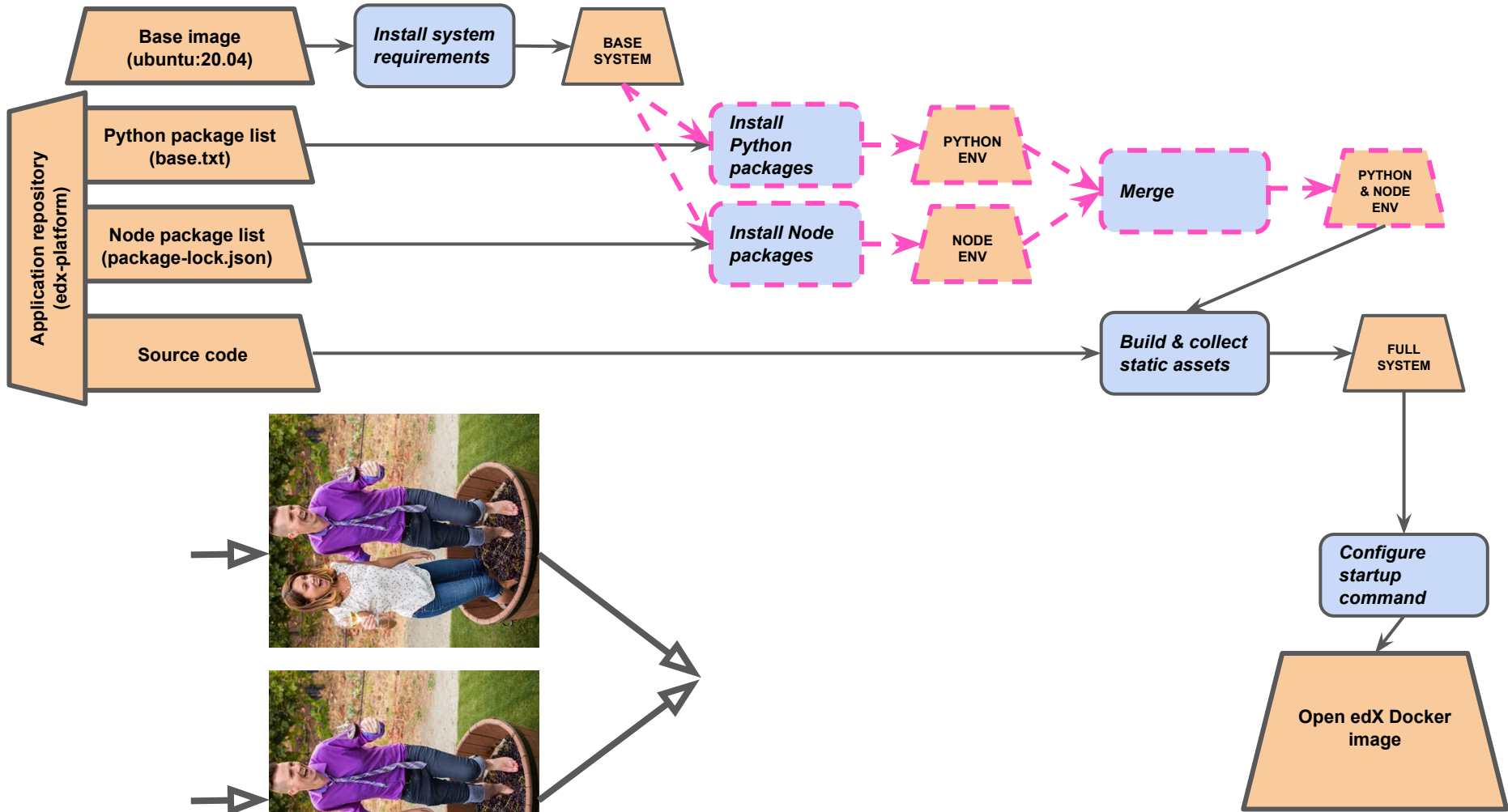


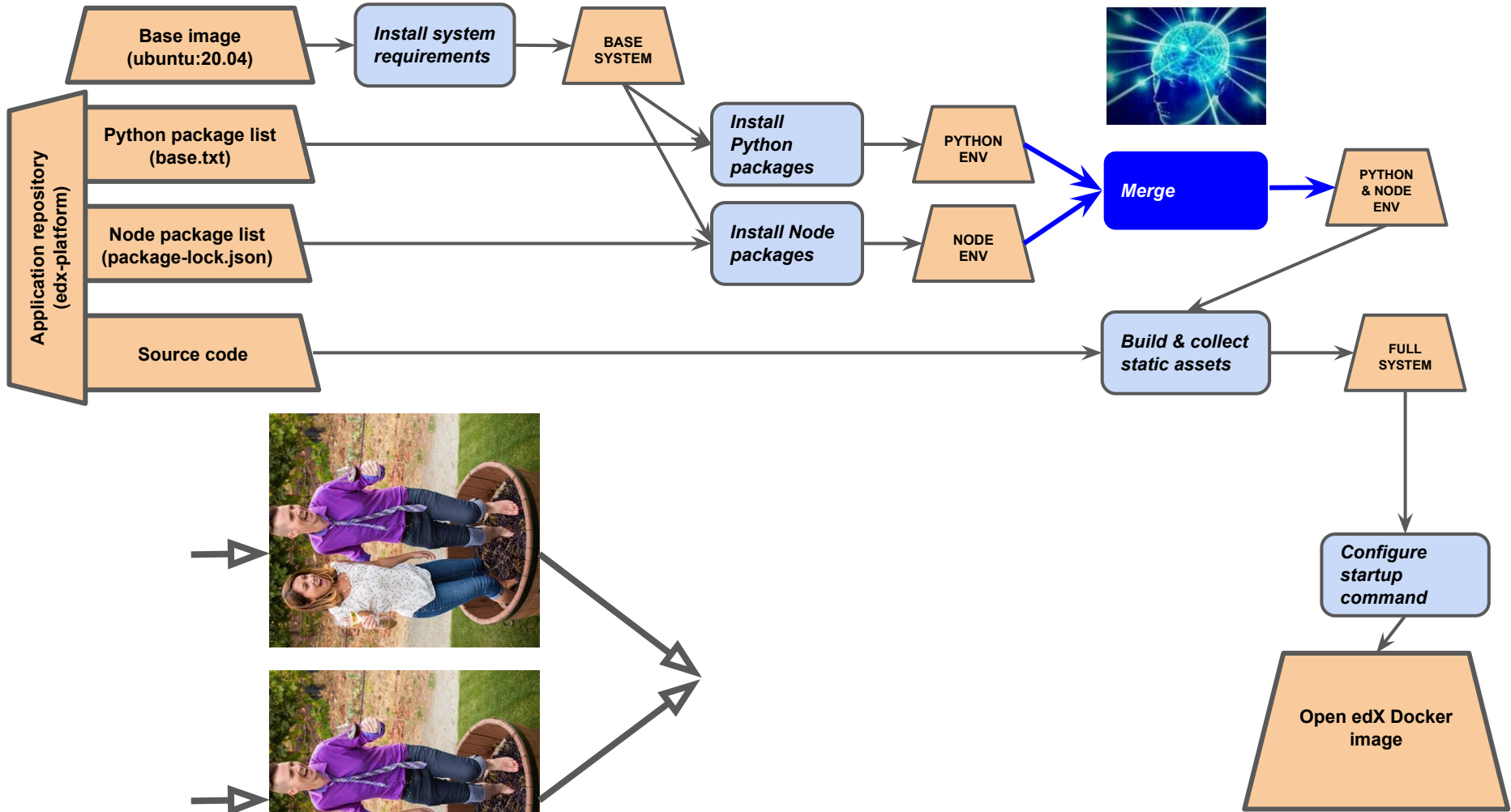




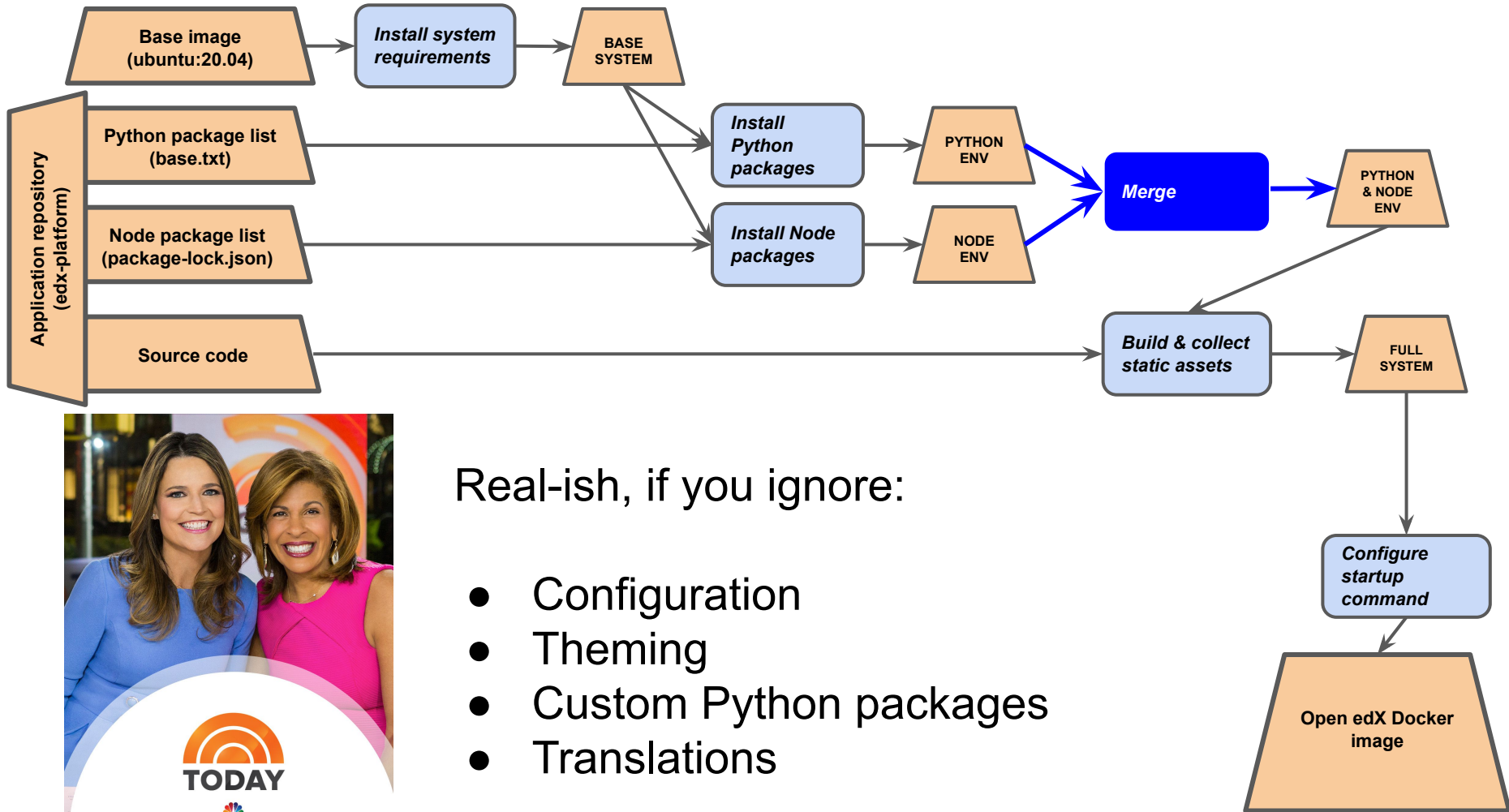








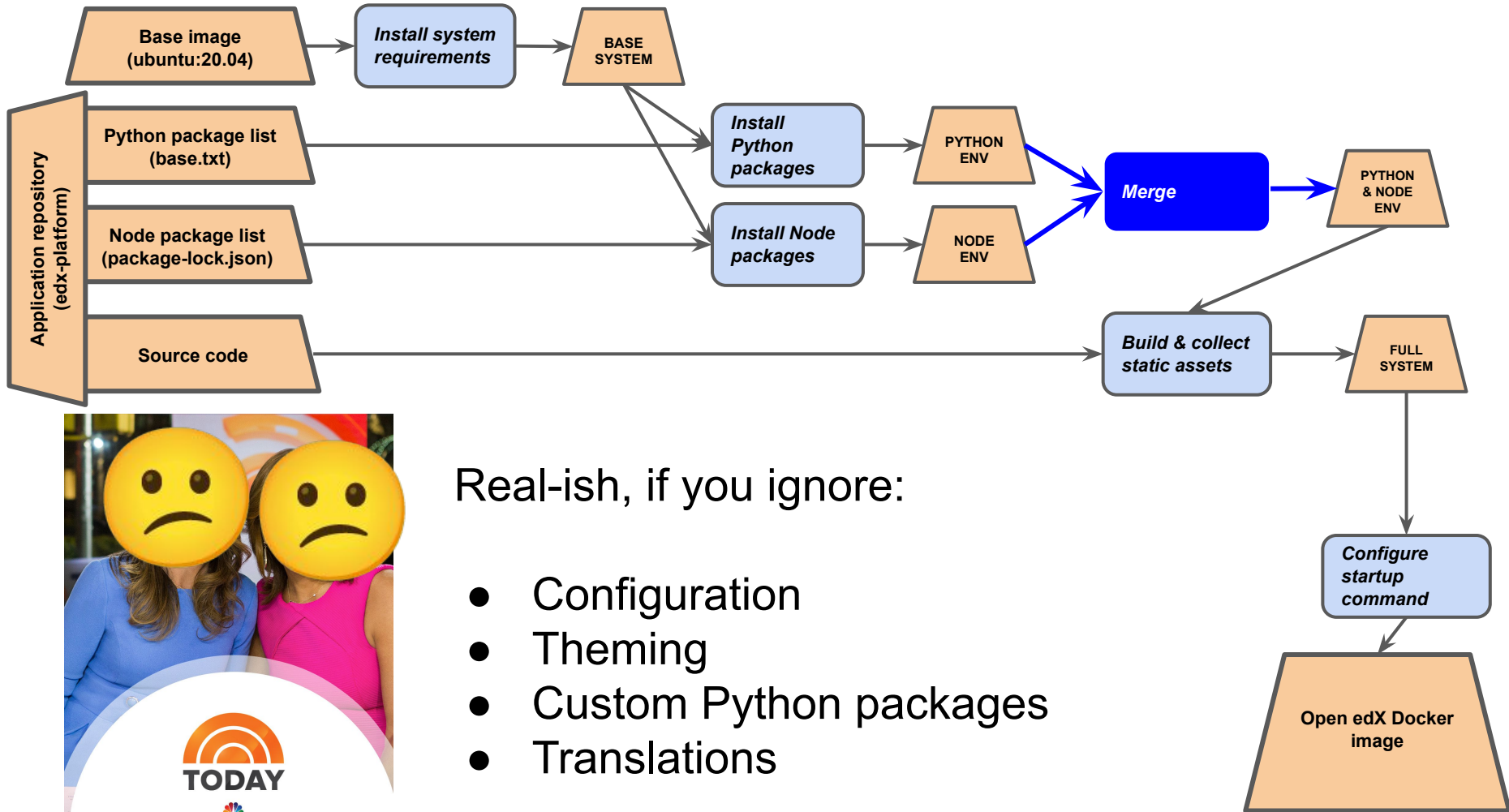




Real-ish, if you ignore:

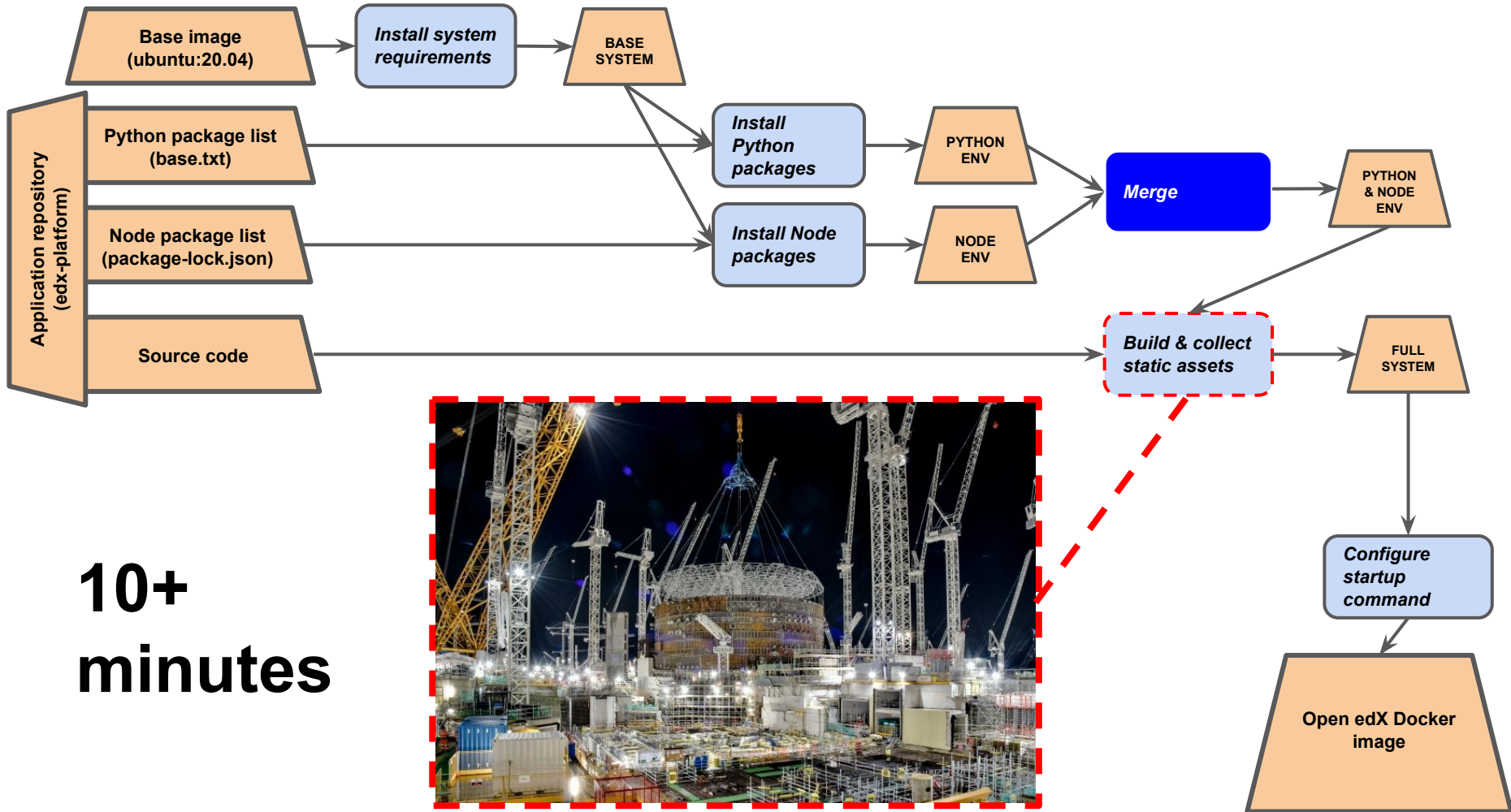
- Configuration
- Theming
- Custom Python packages
- Translations

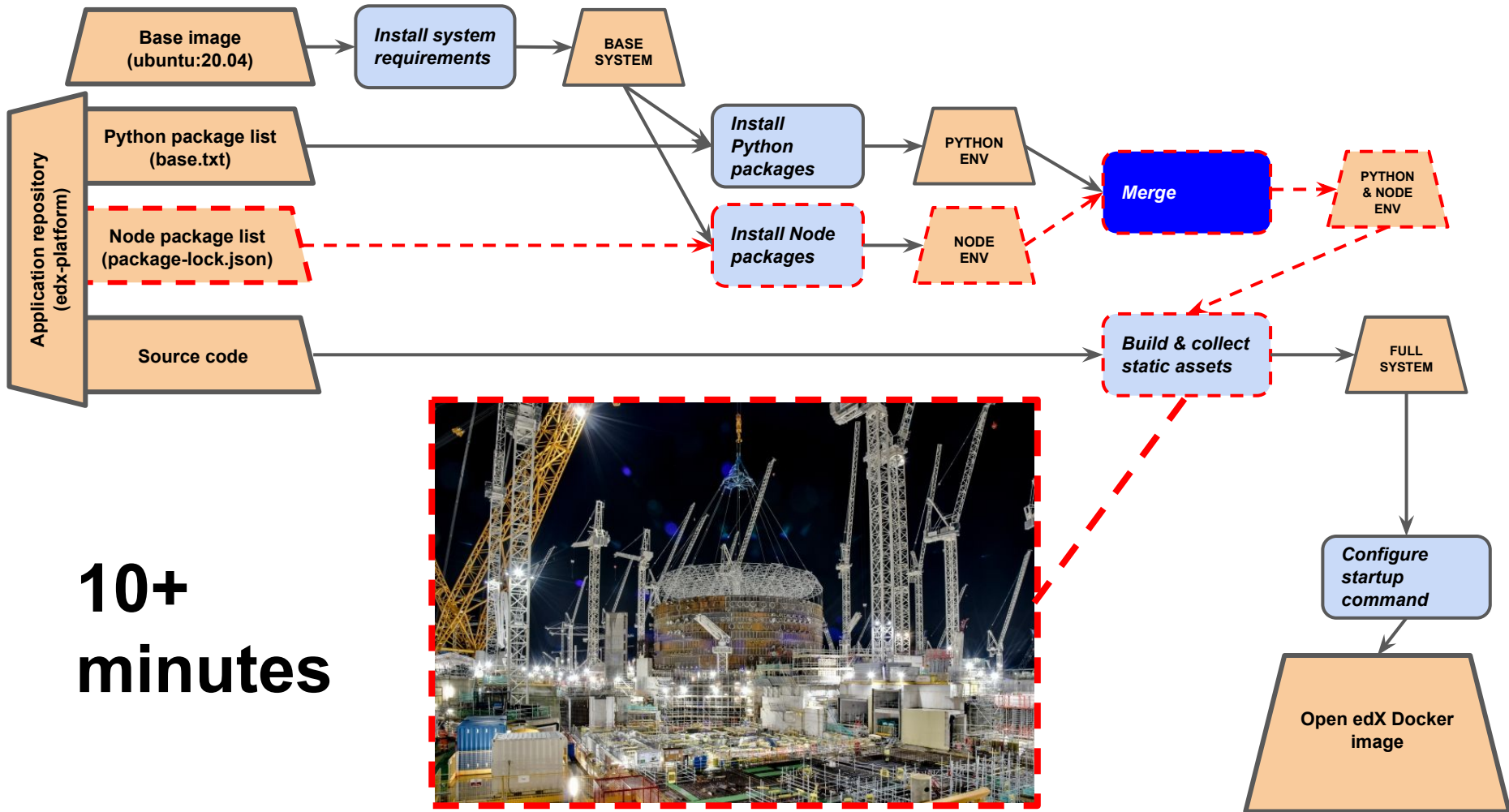


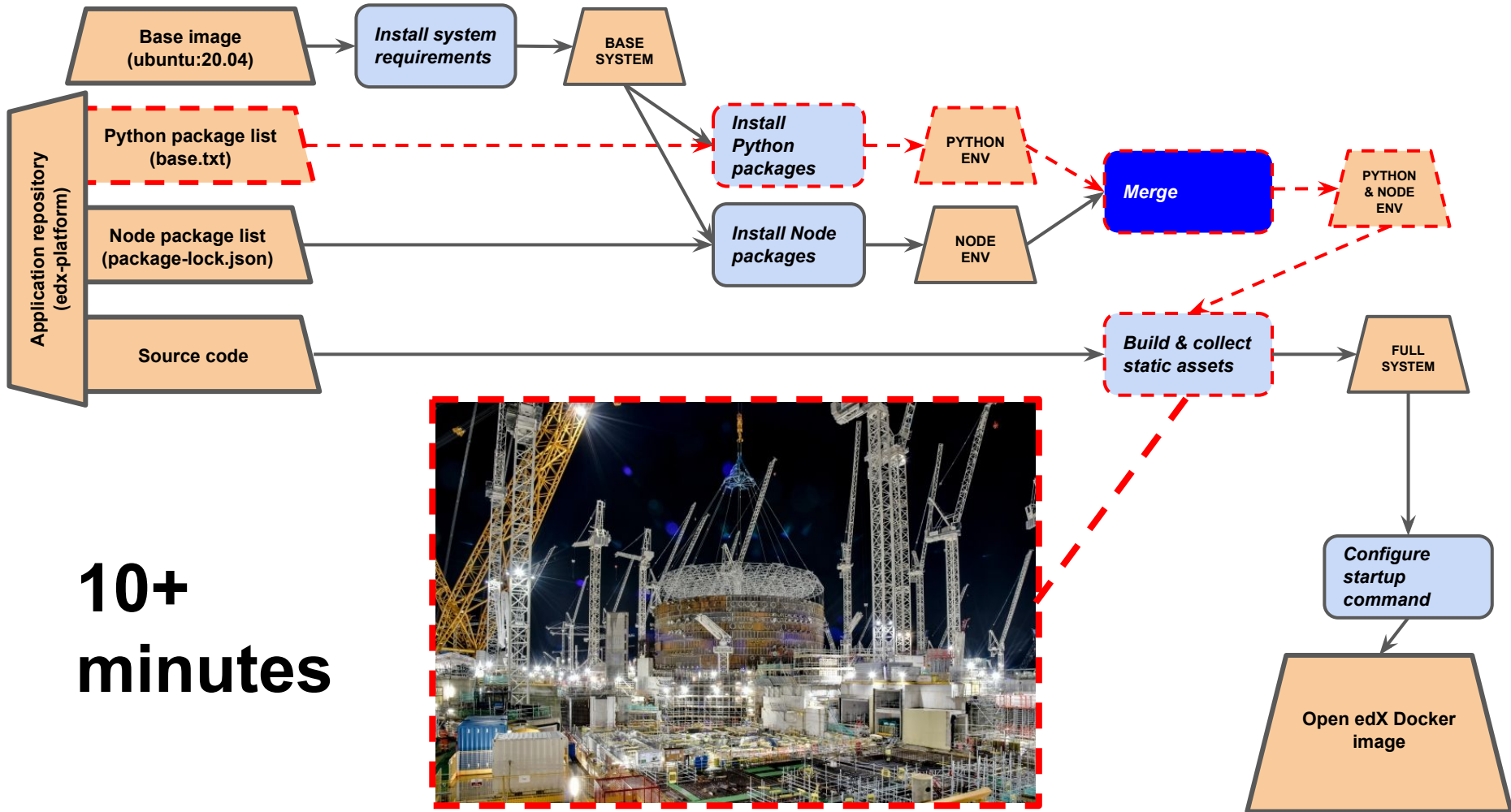


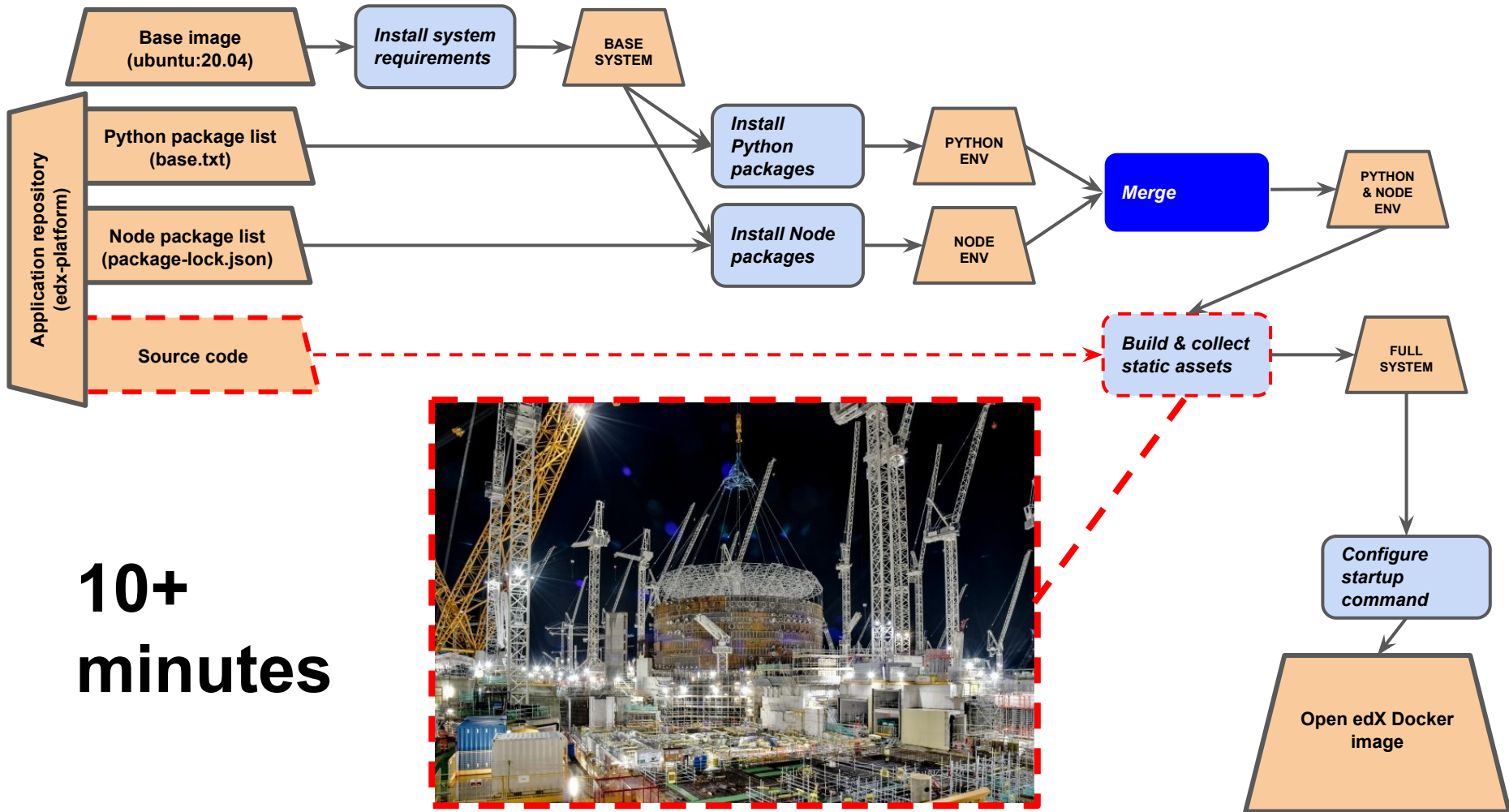
Real-ish, if you ignore:

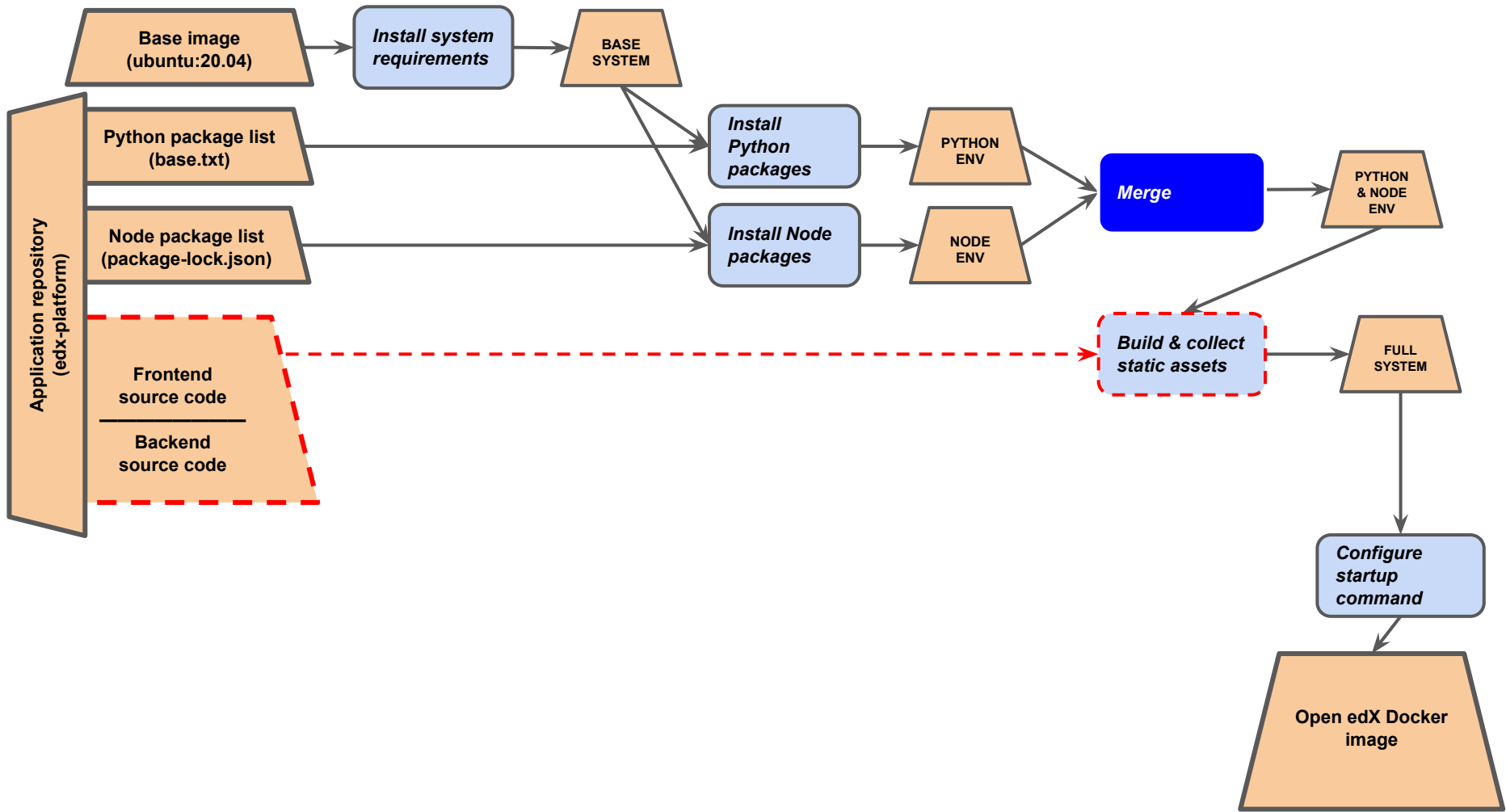
- Configuration
- Theming
- Custom Python packages
- Translations

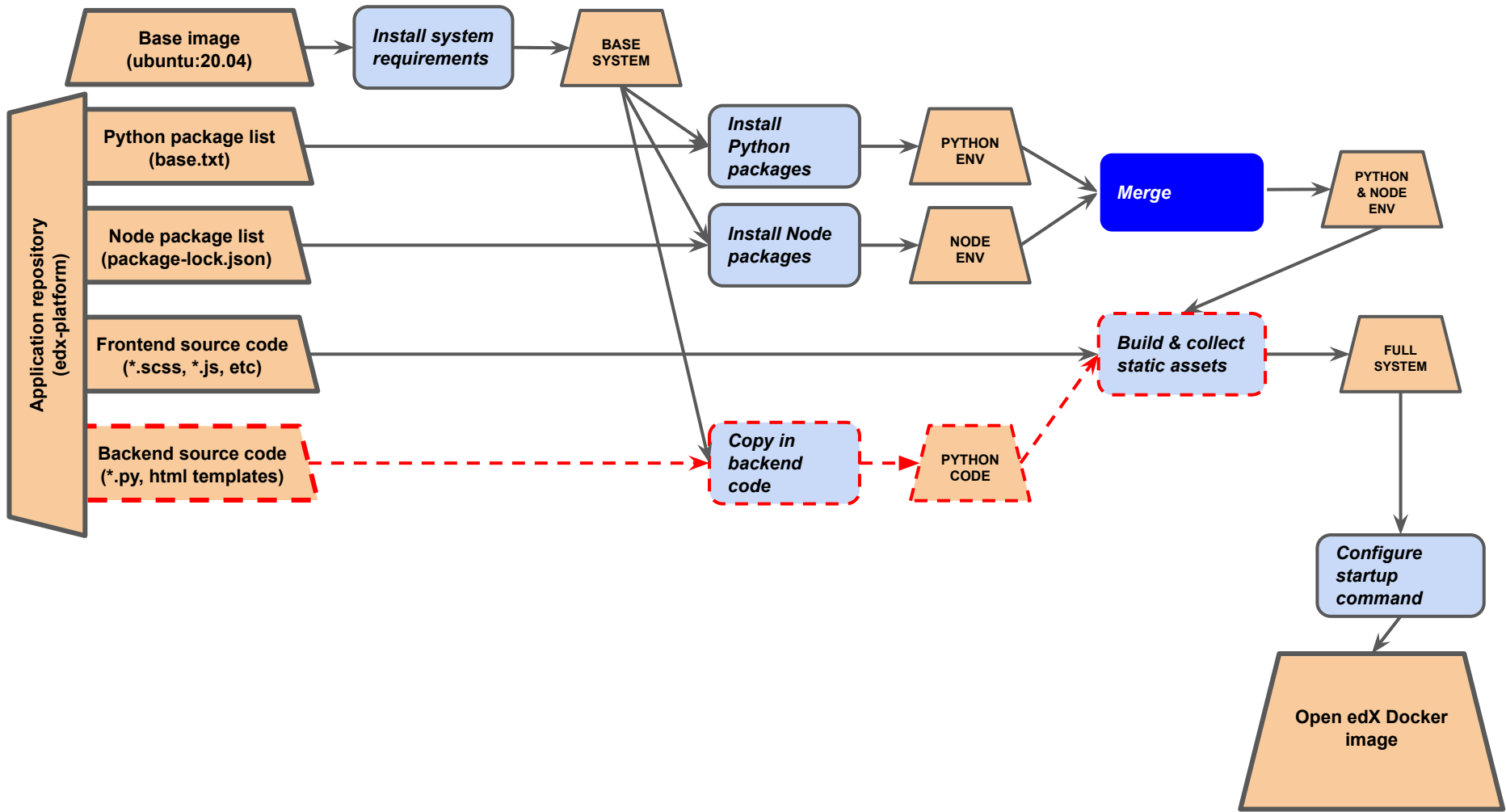


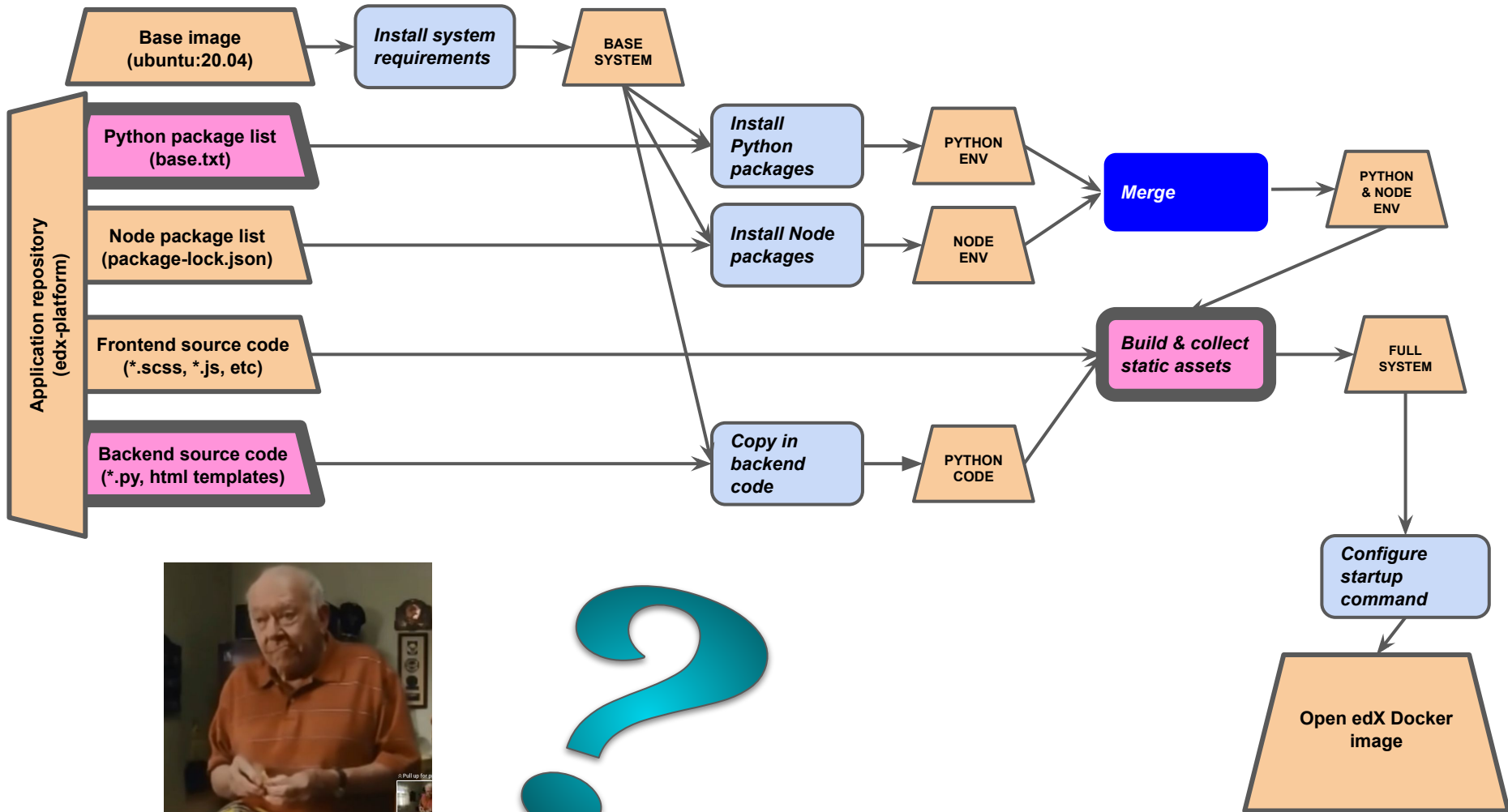






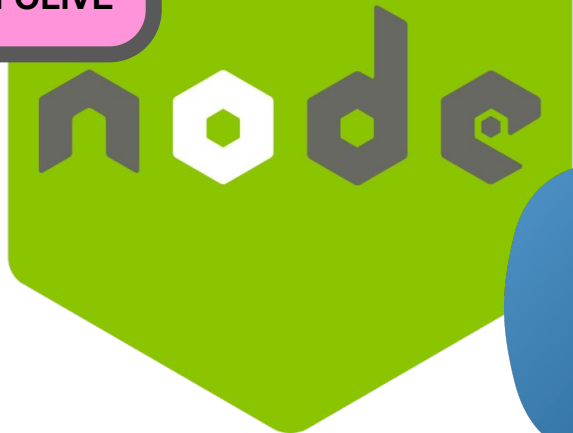






Build &
collect static
assets:

as of OLIVE



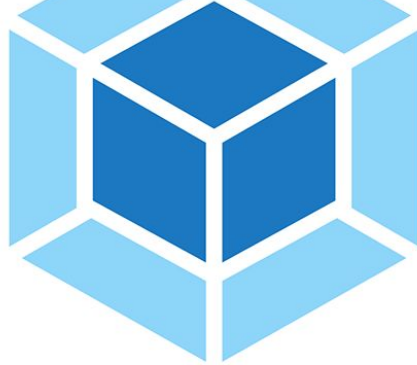
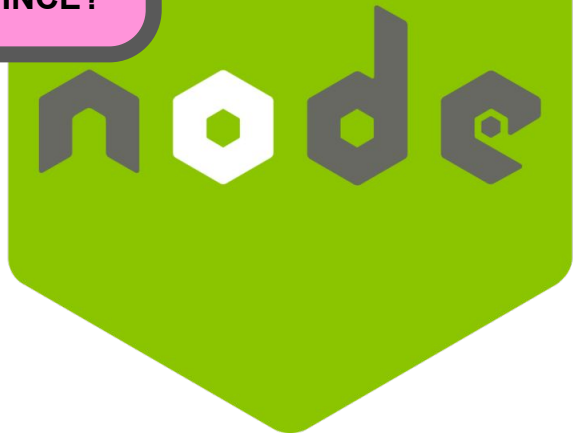
Lib Sass

PAUVIER



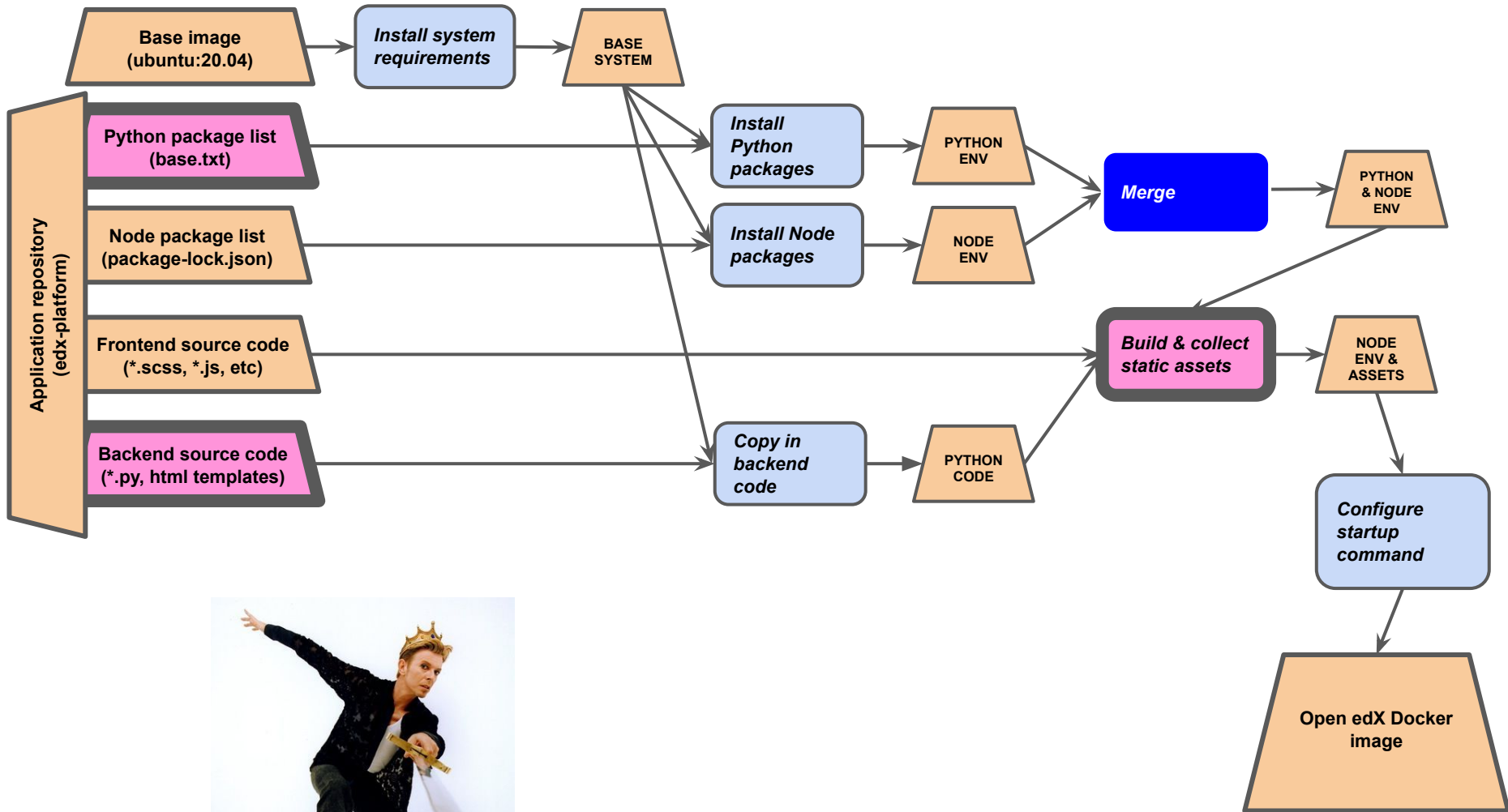
Build &
collect static
assets:

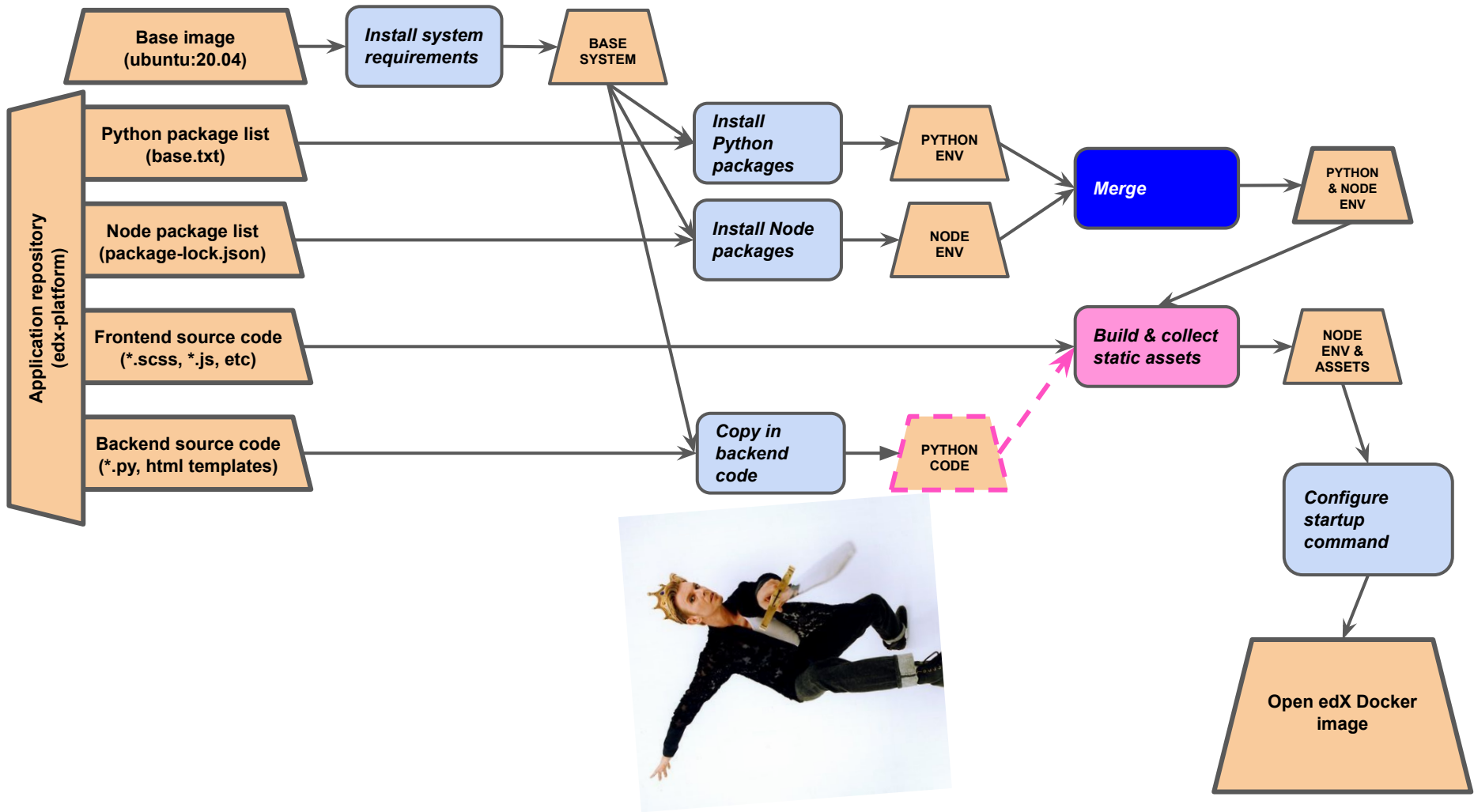
...QUINCE?

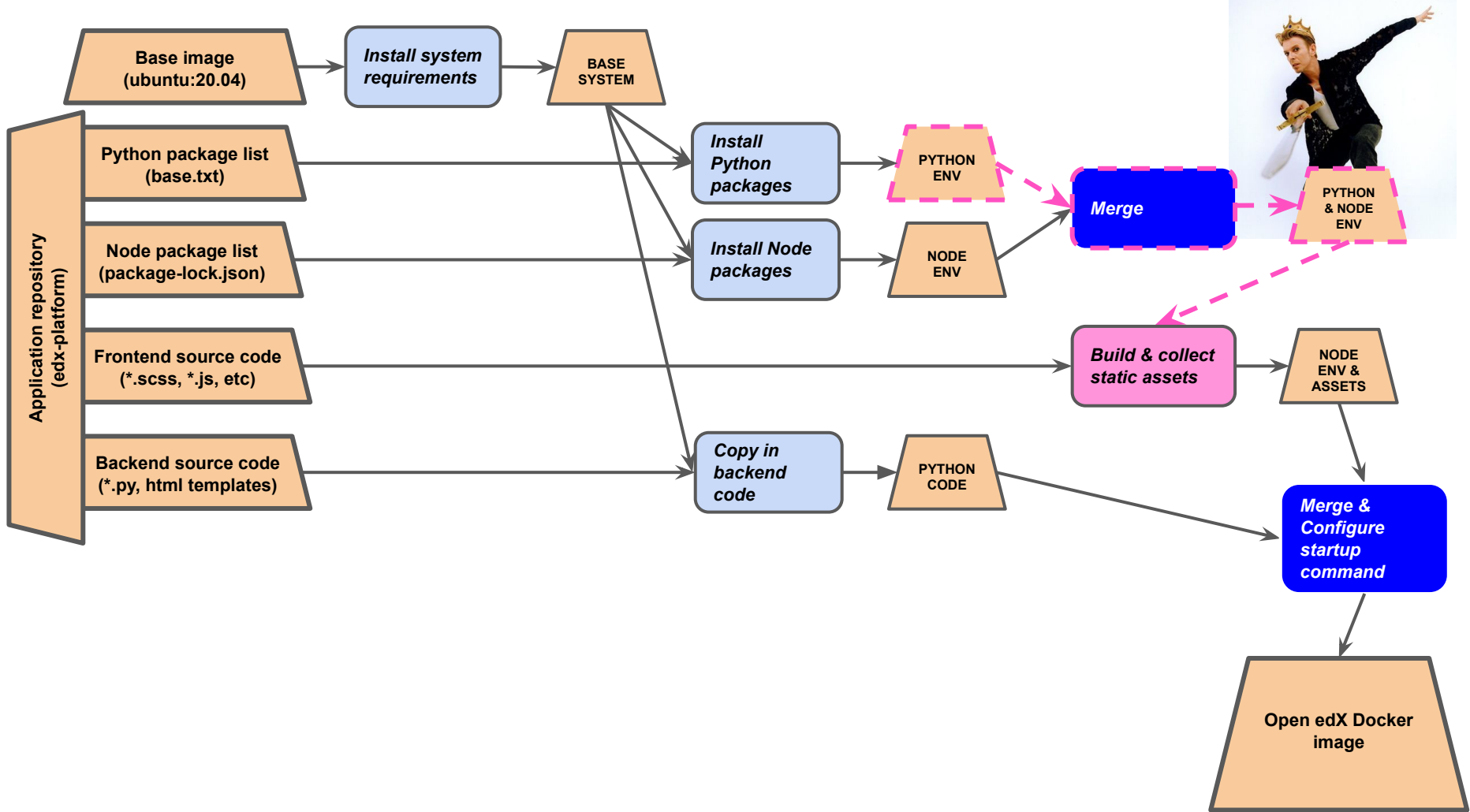


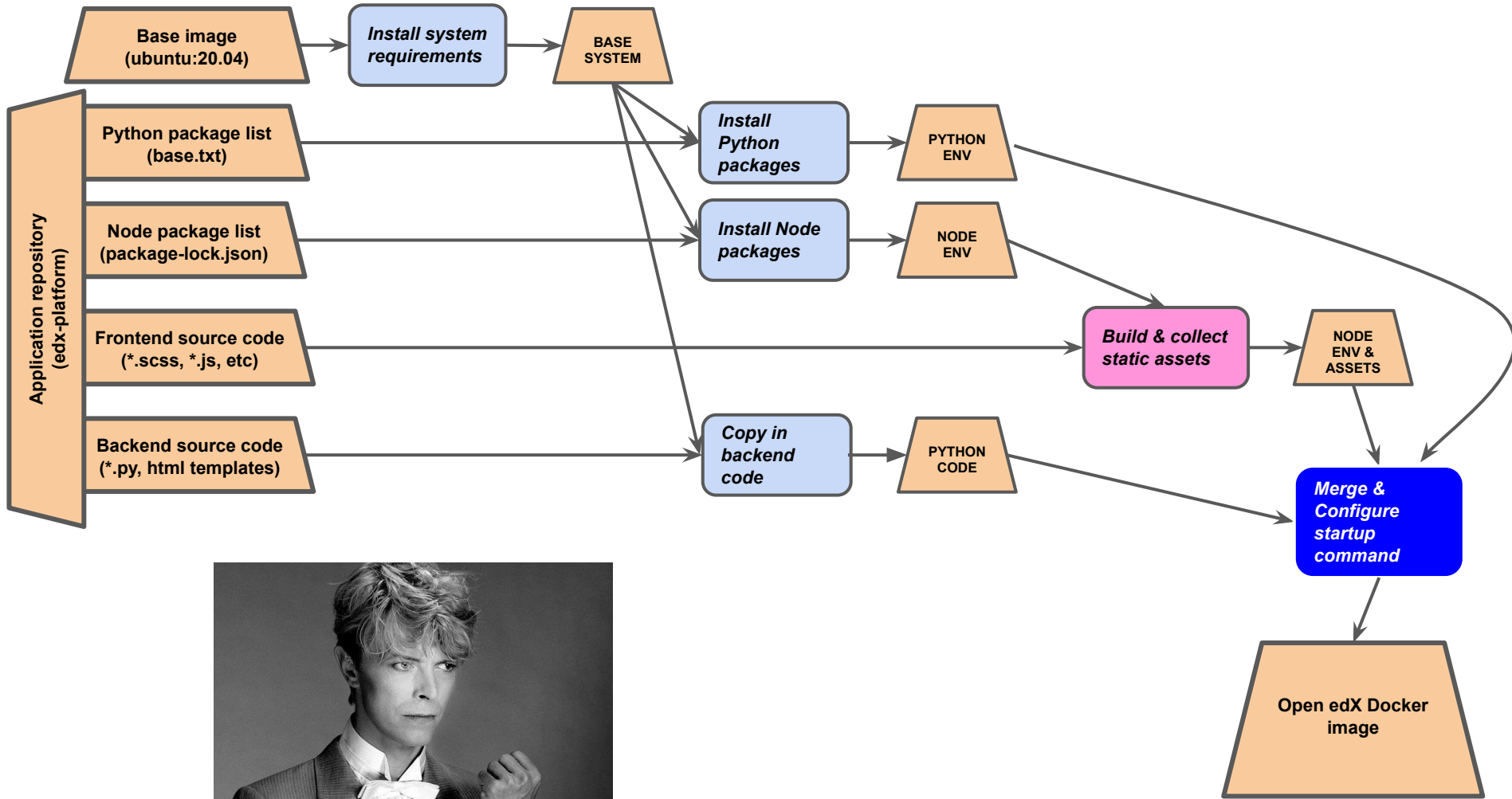
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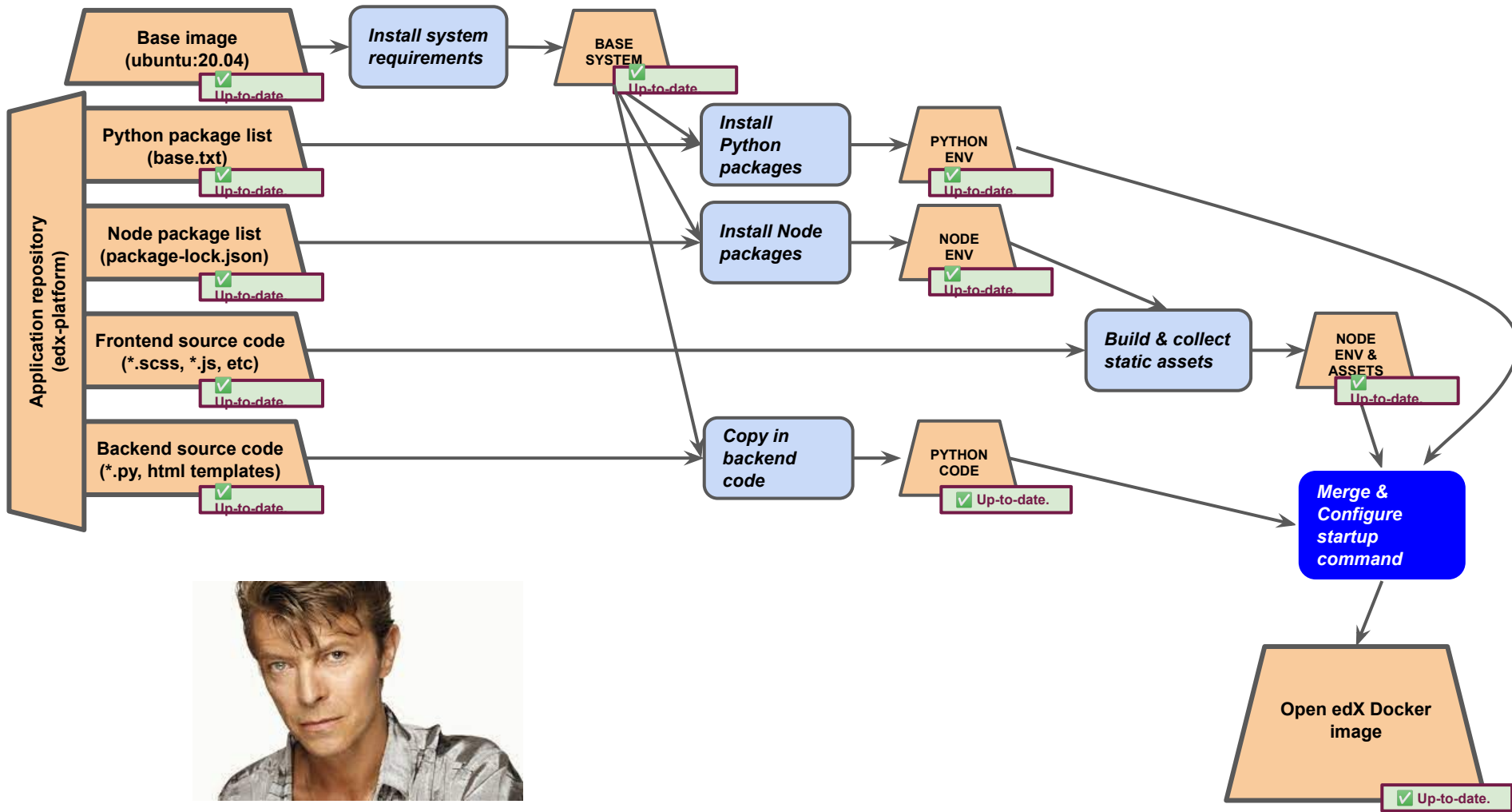


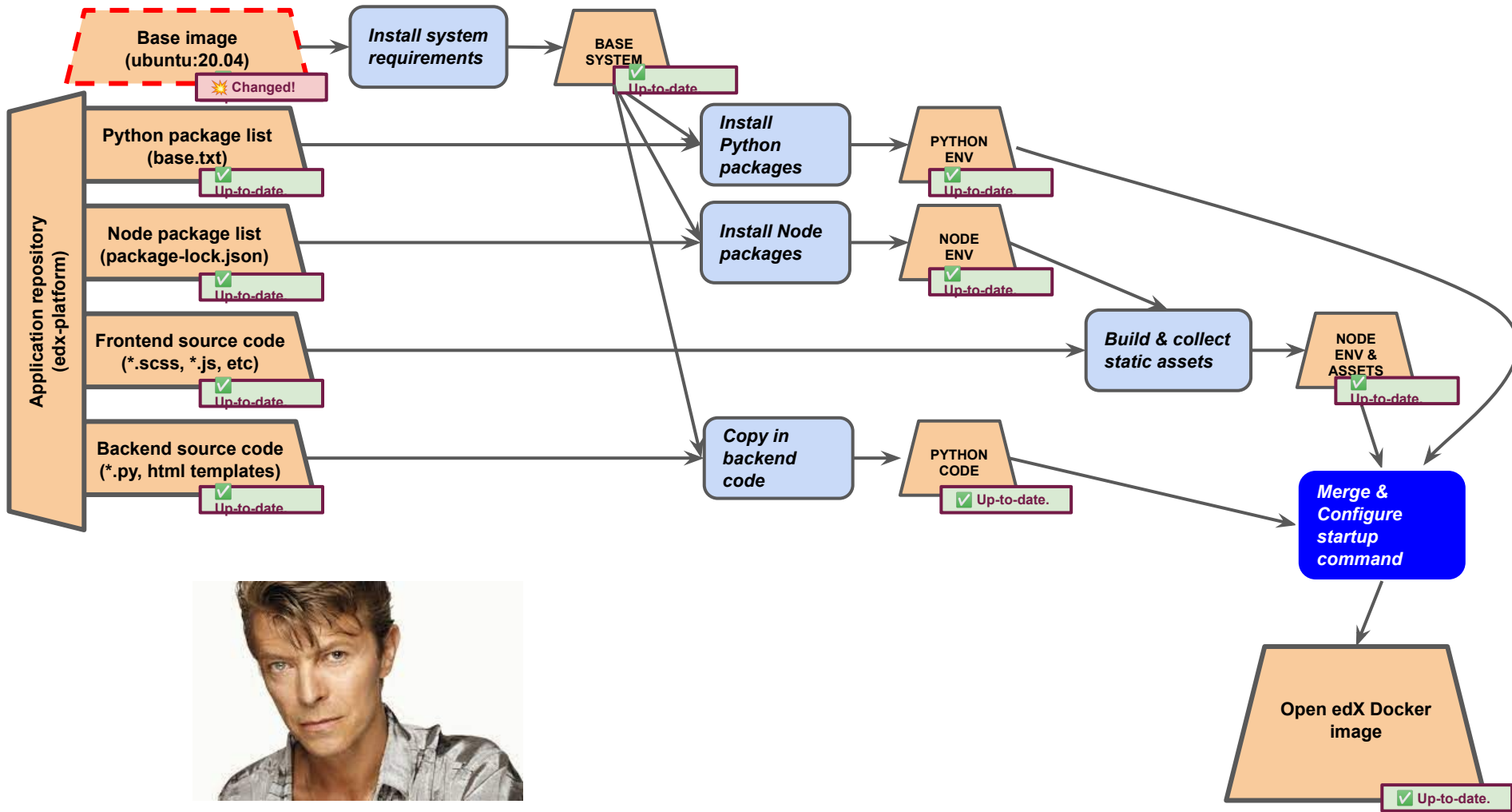


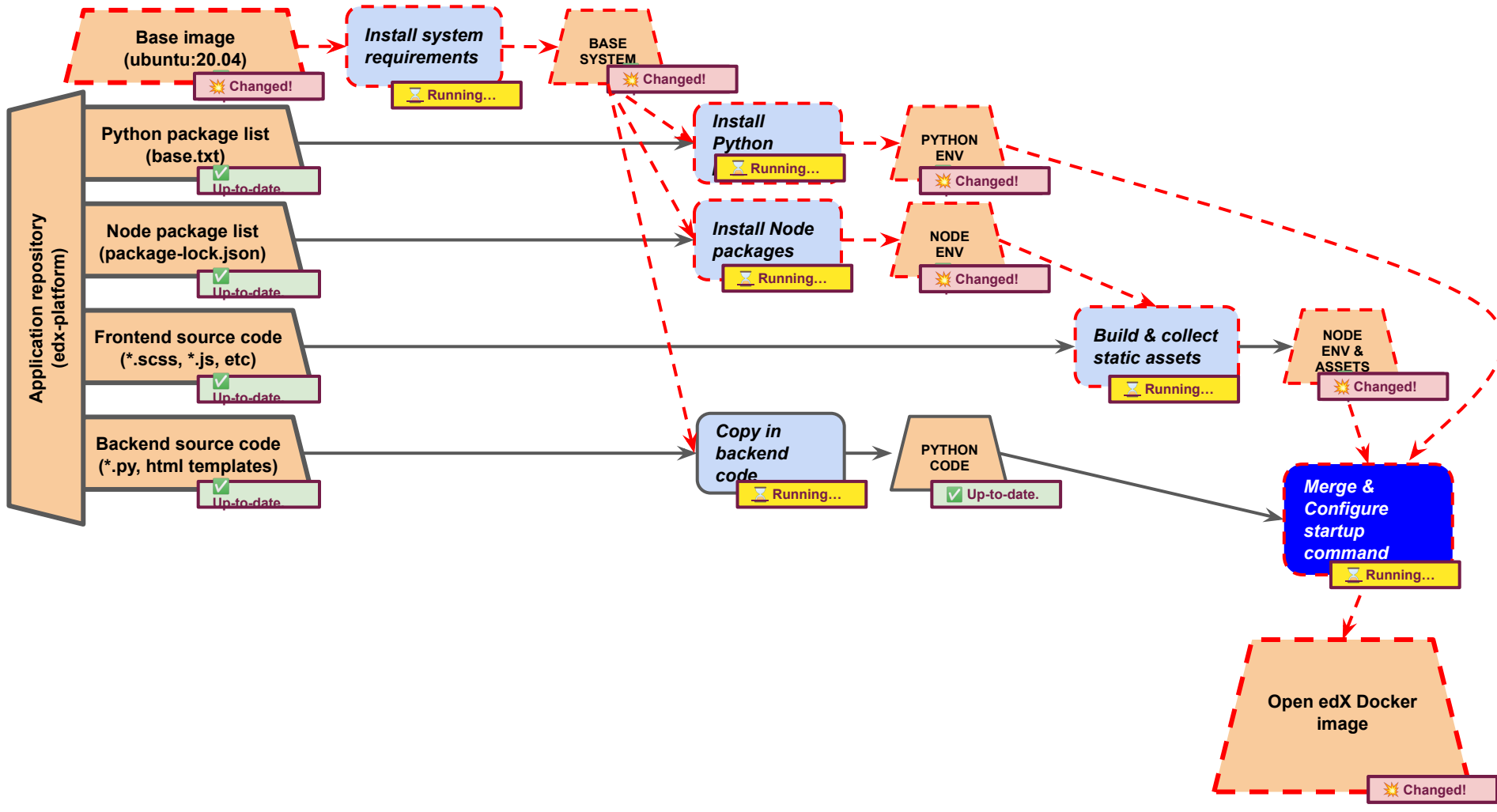


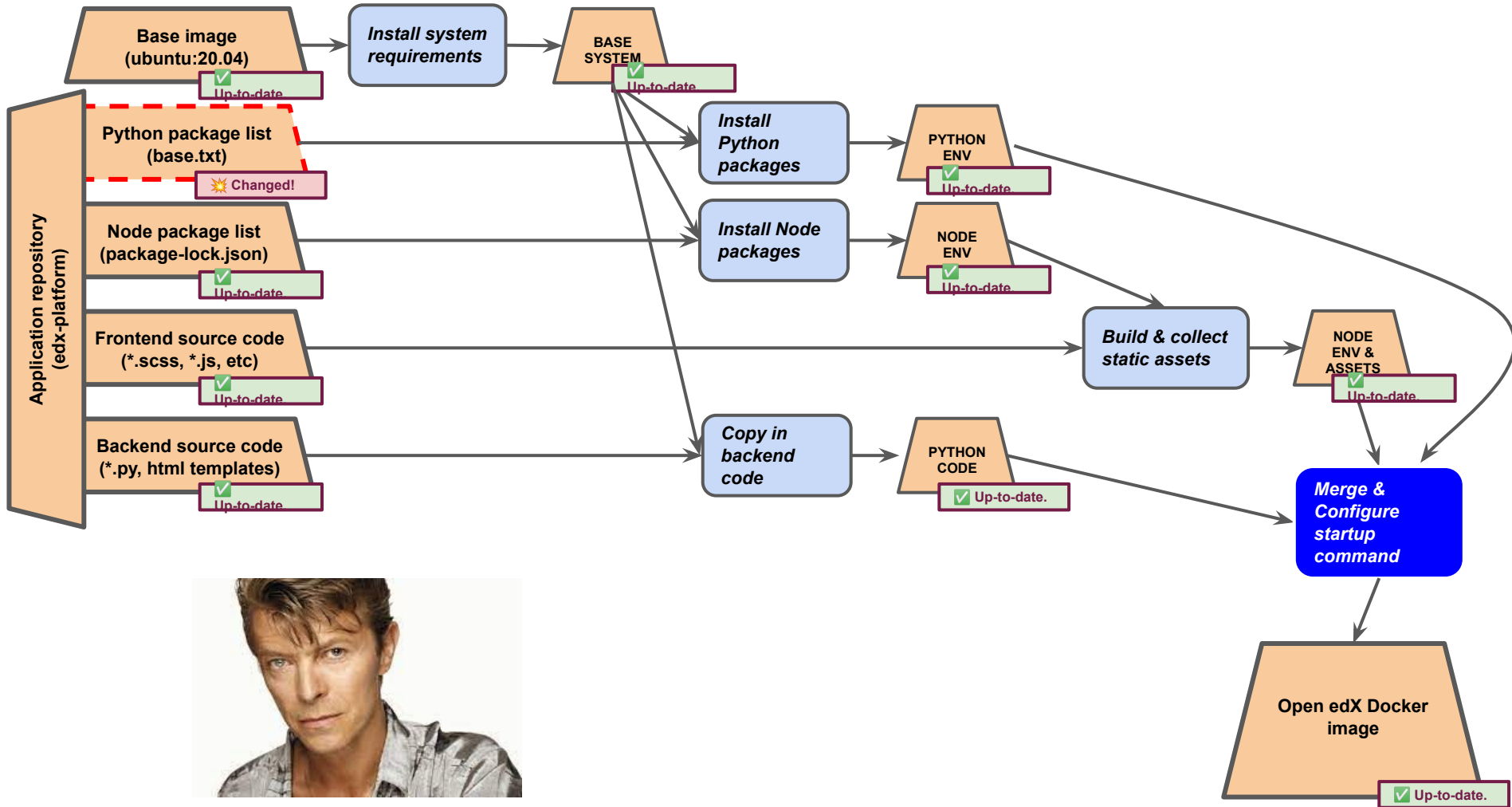


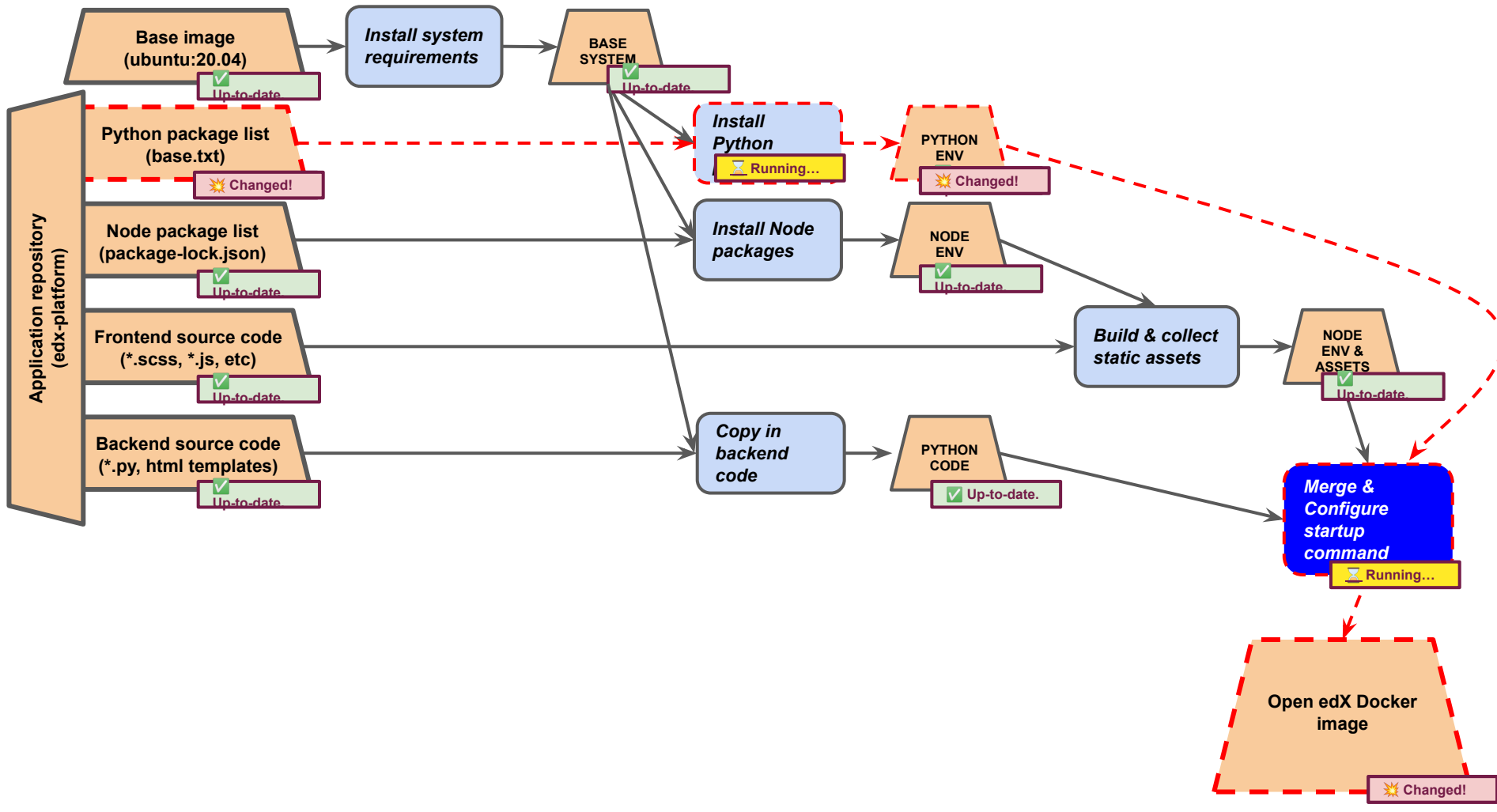


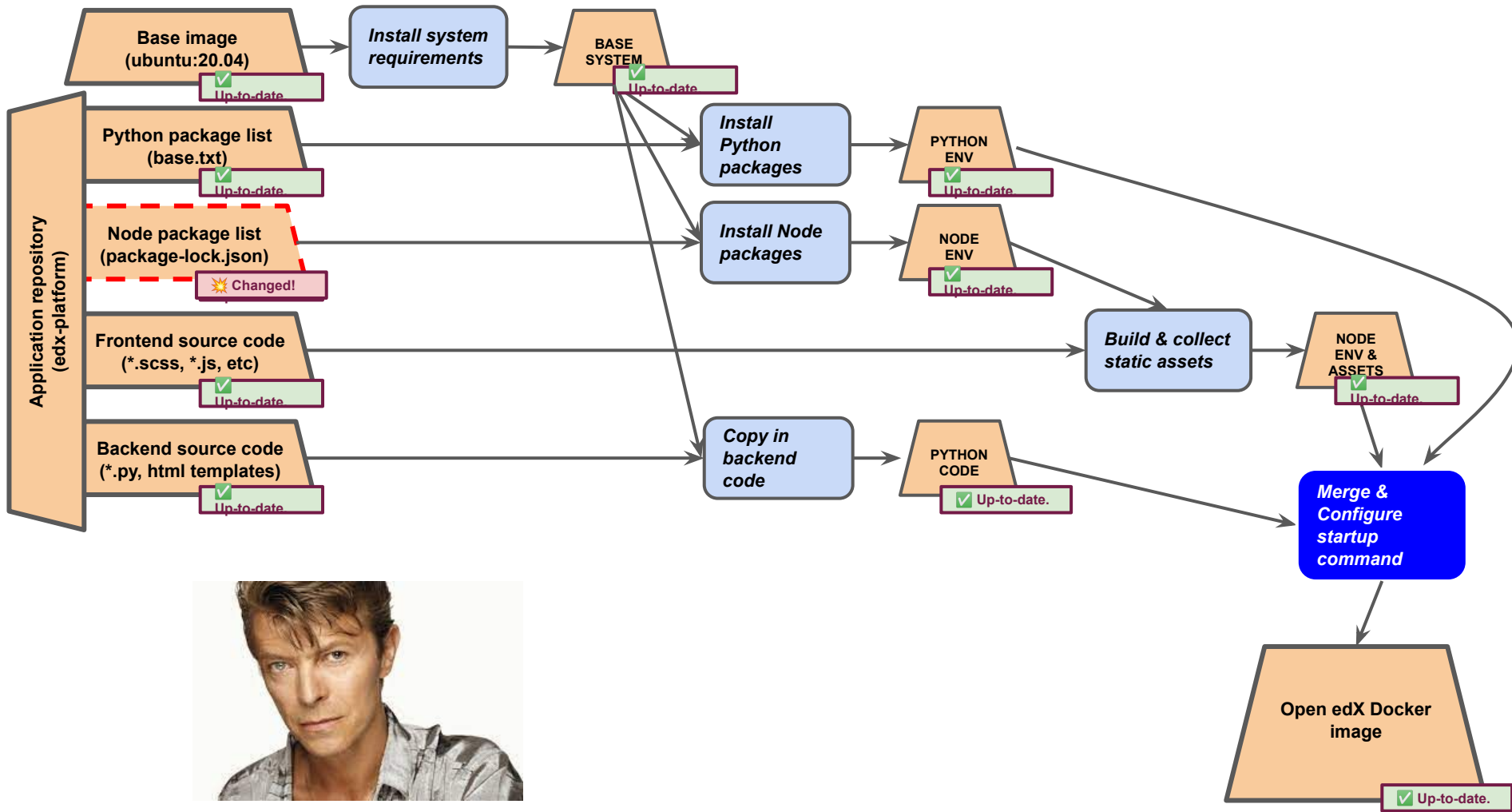


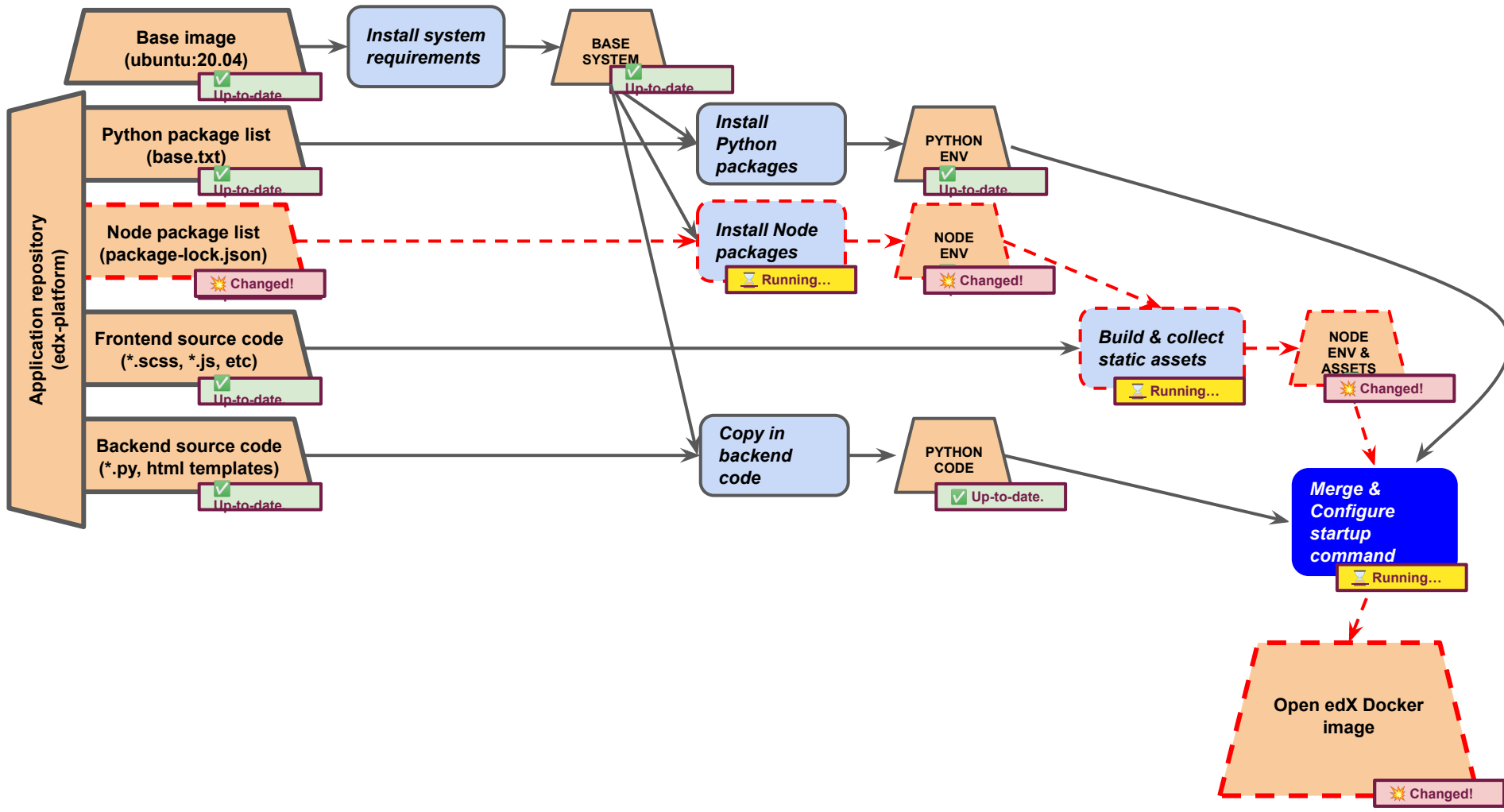


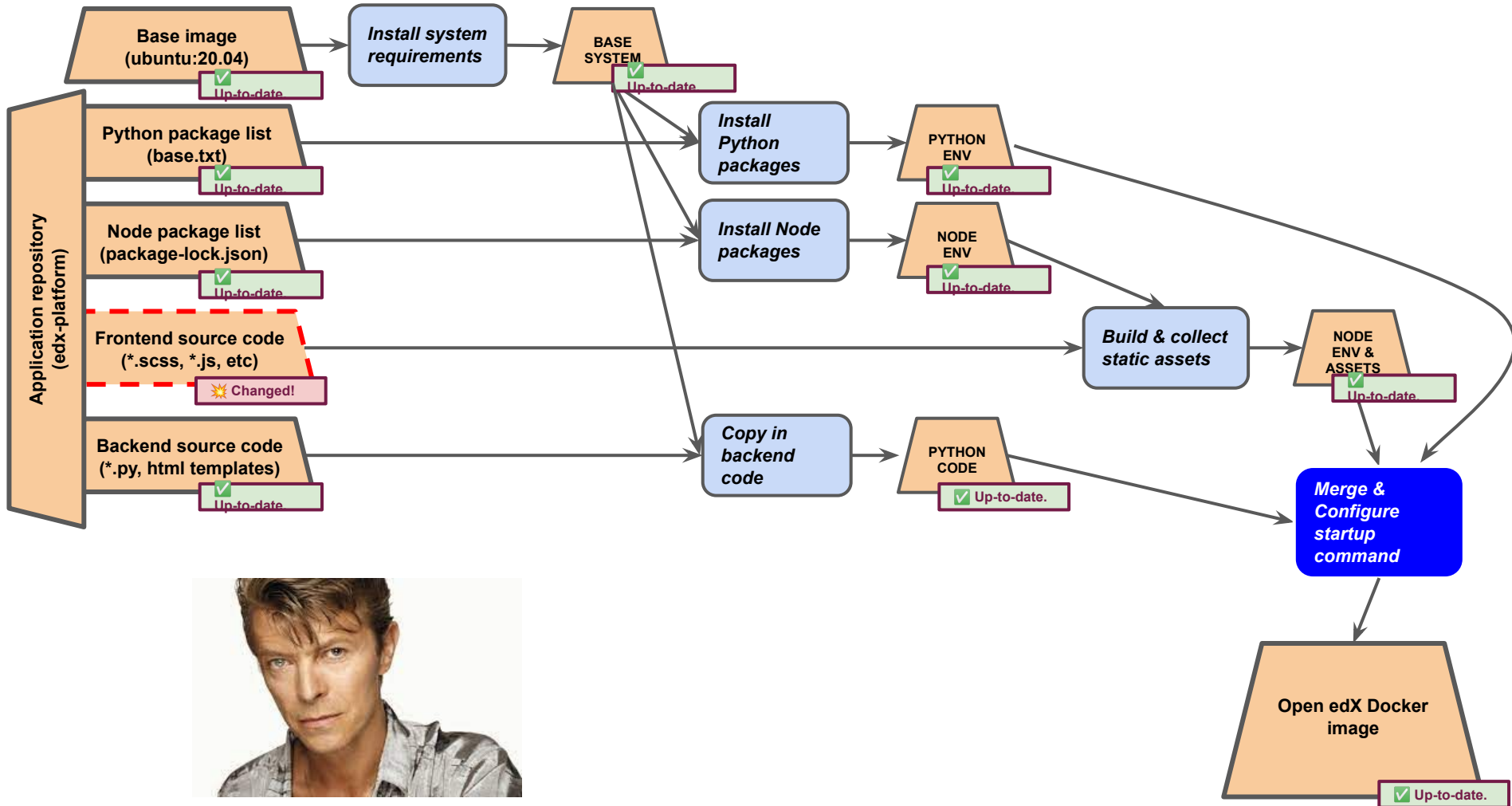


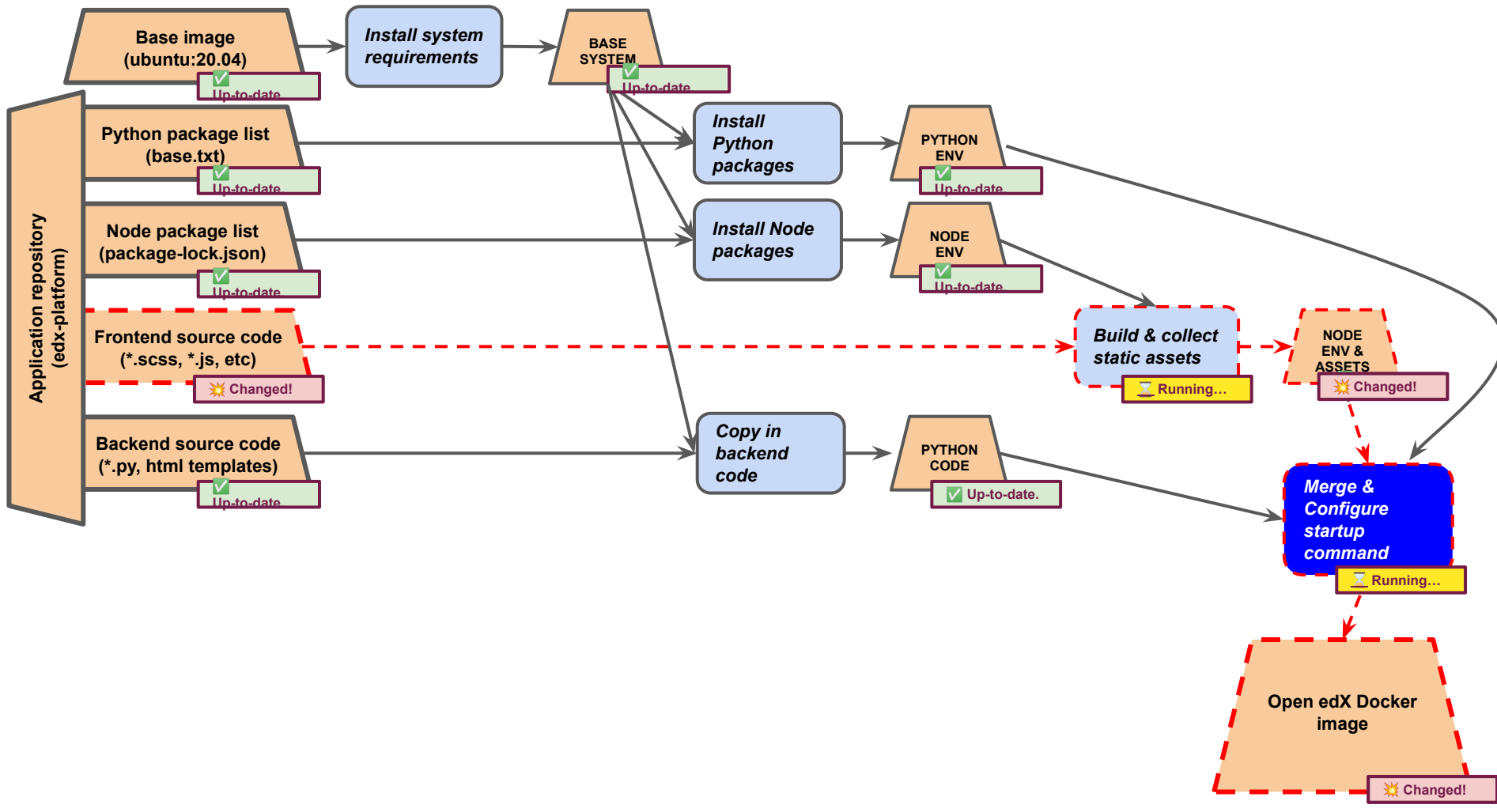


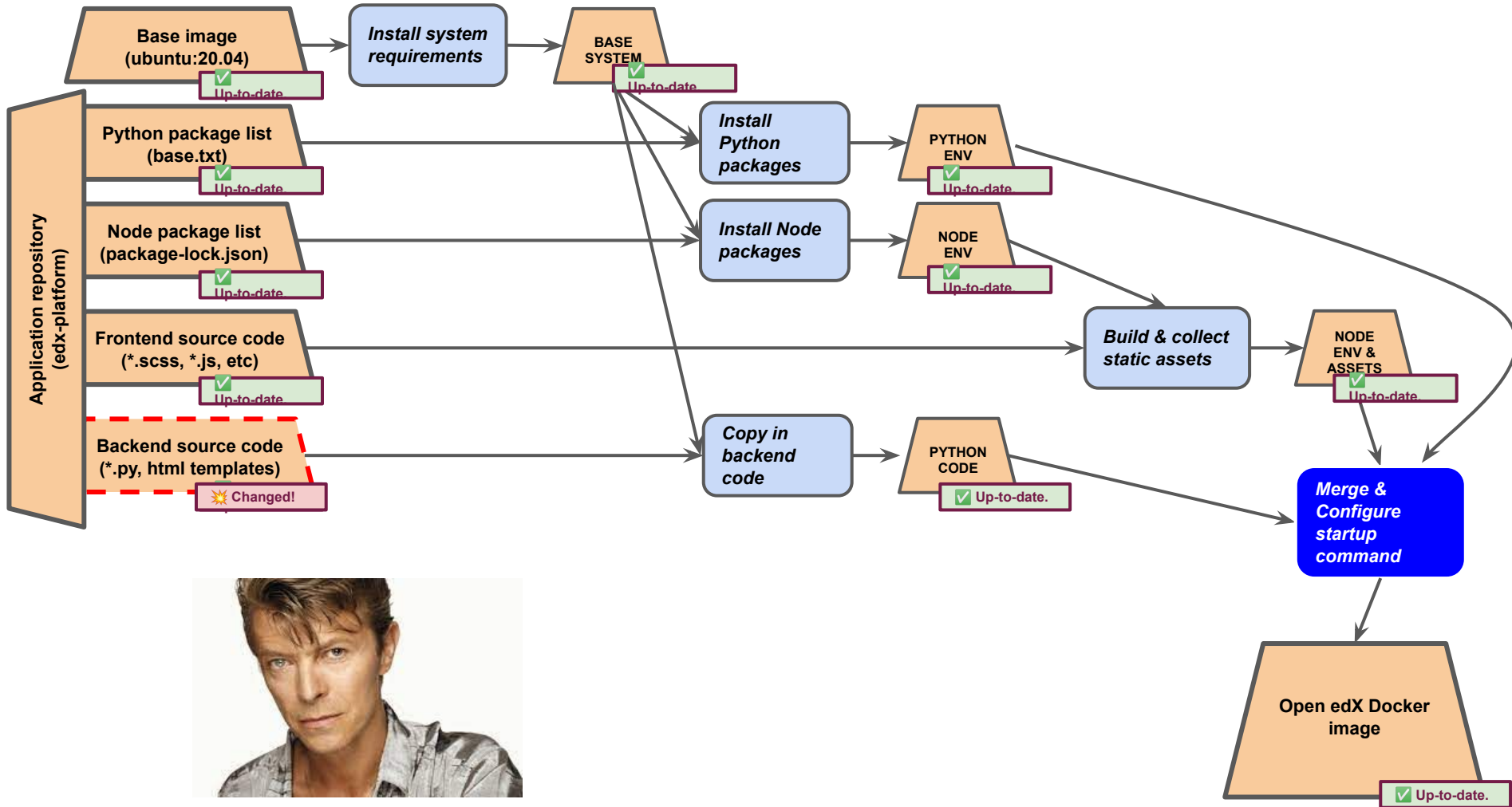


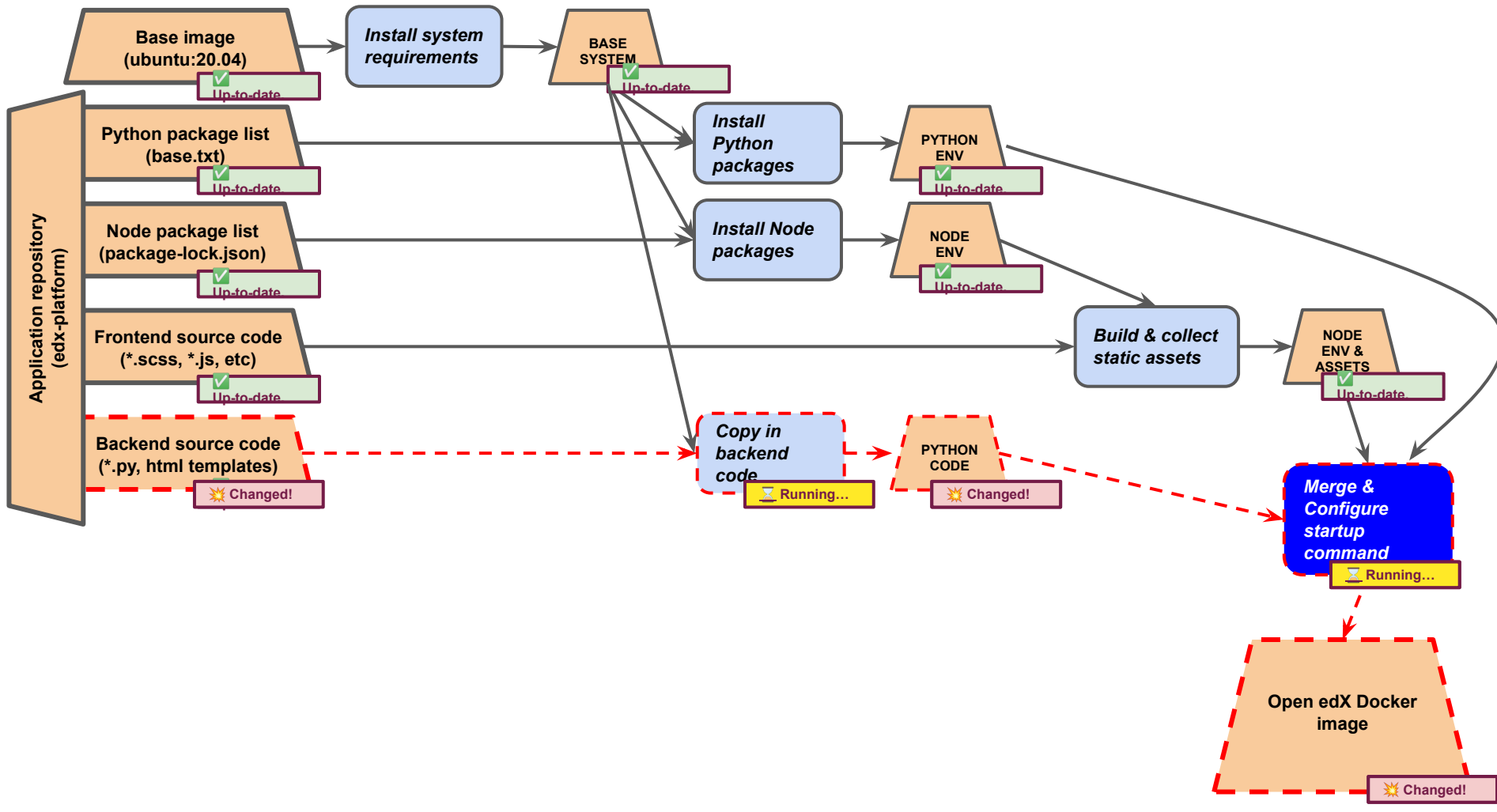


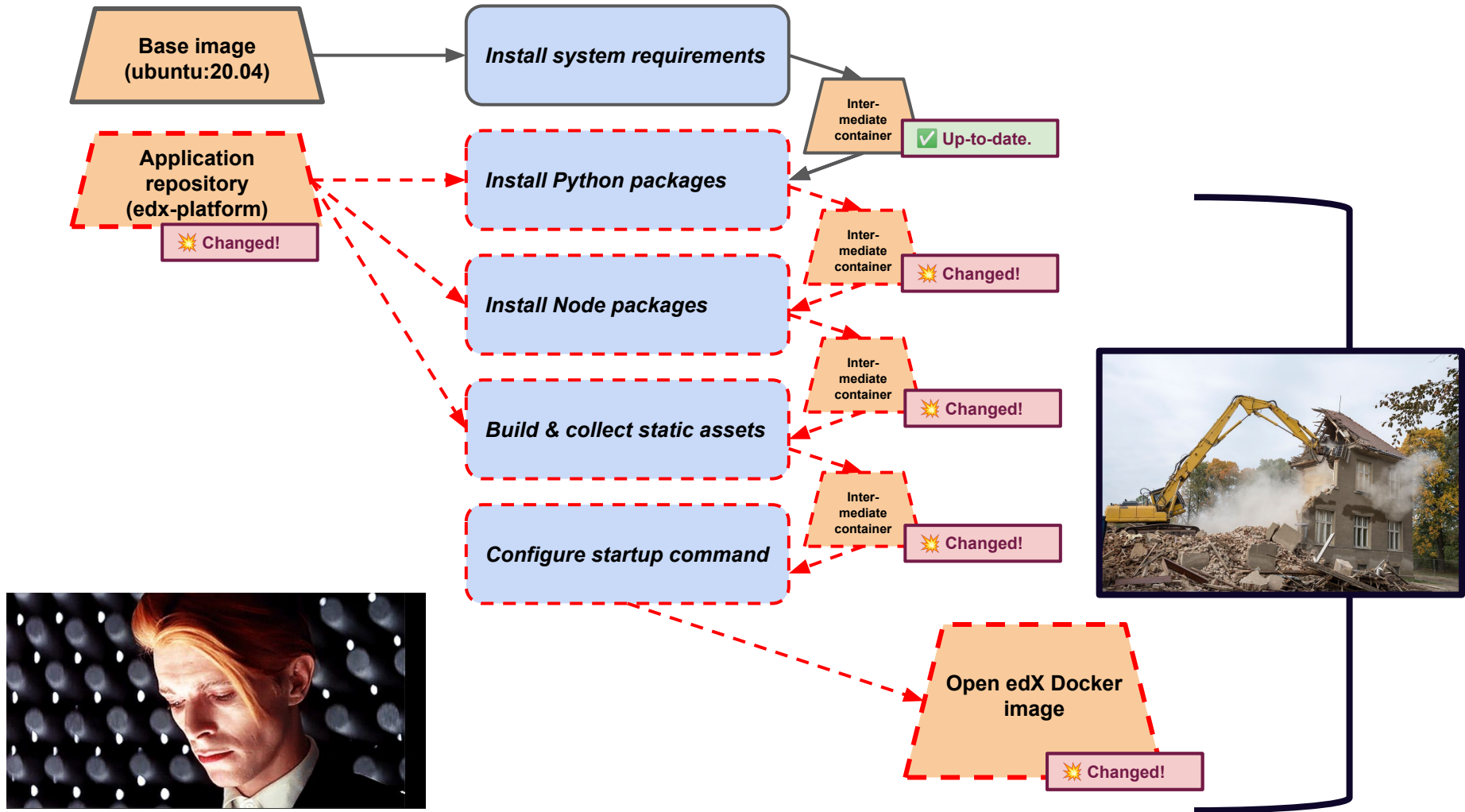


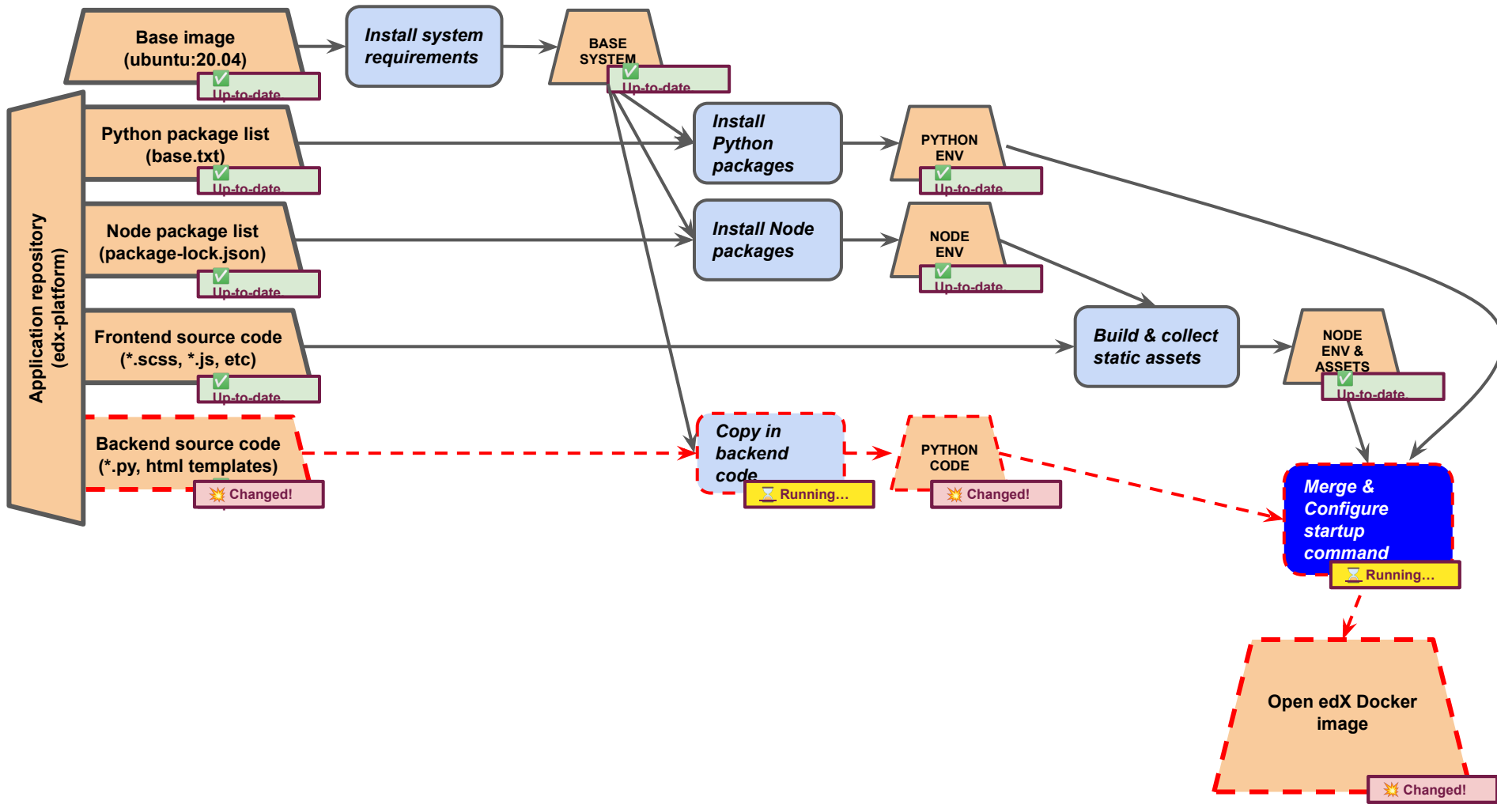


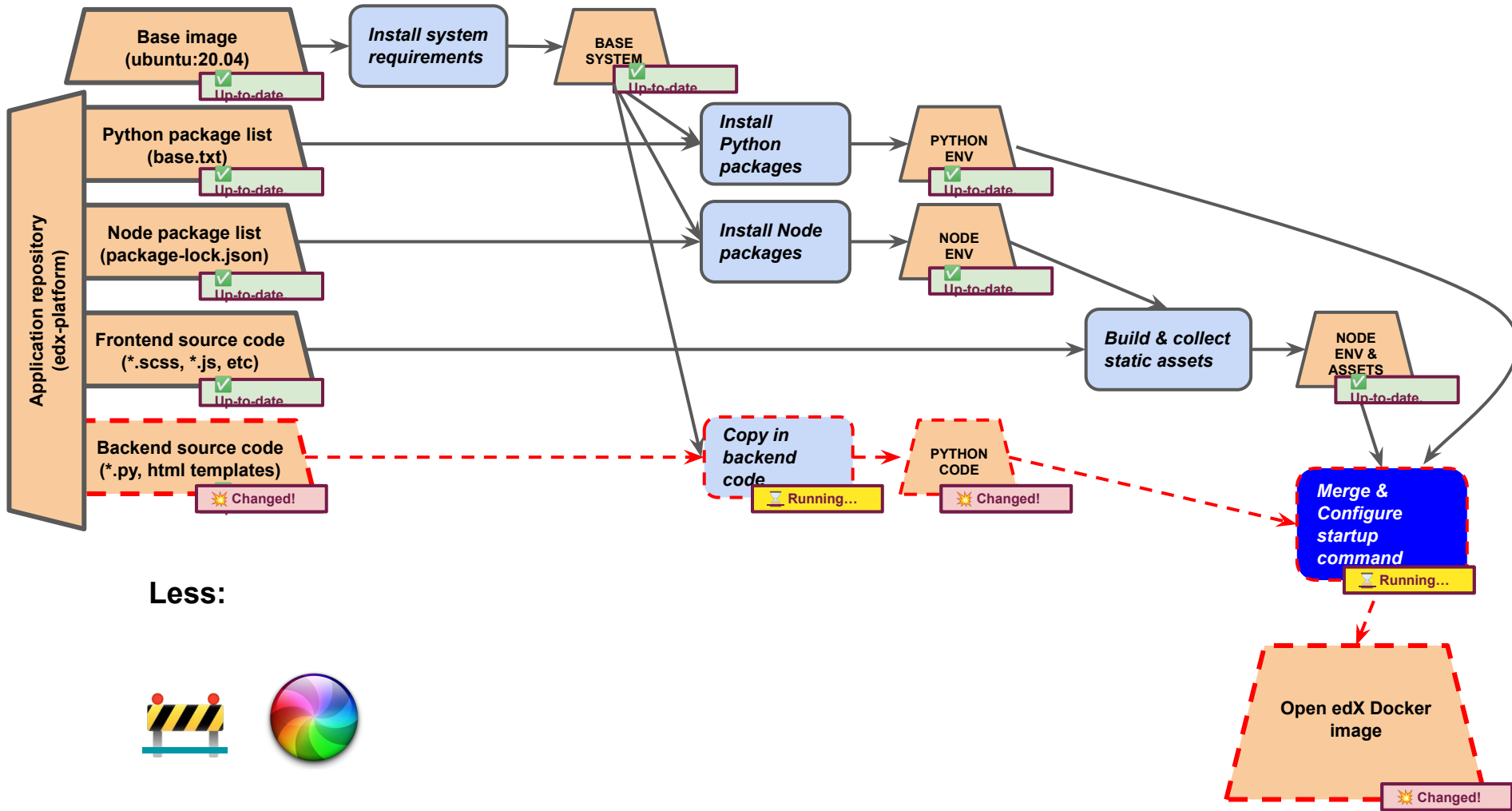


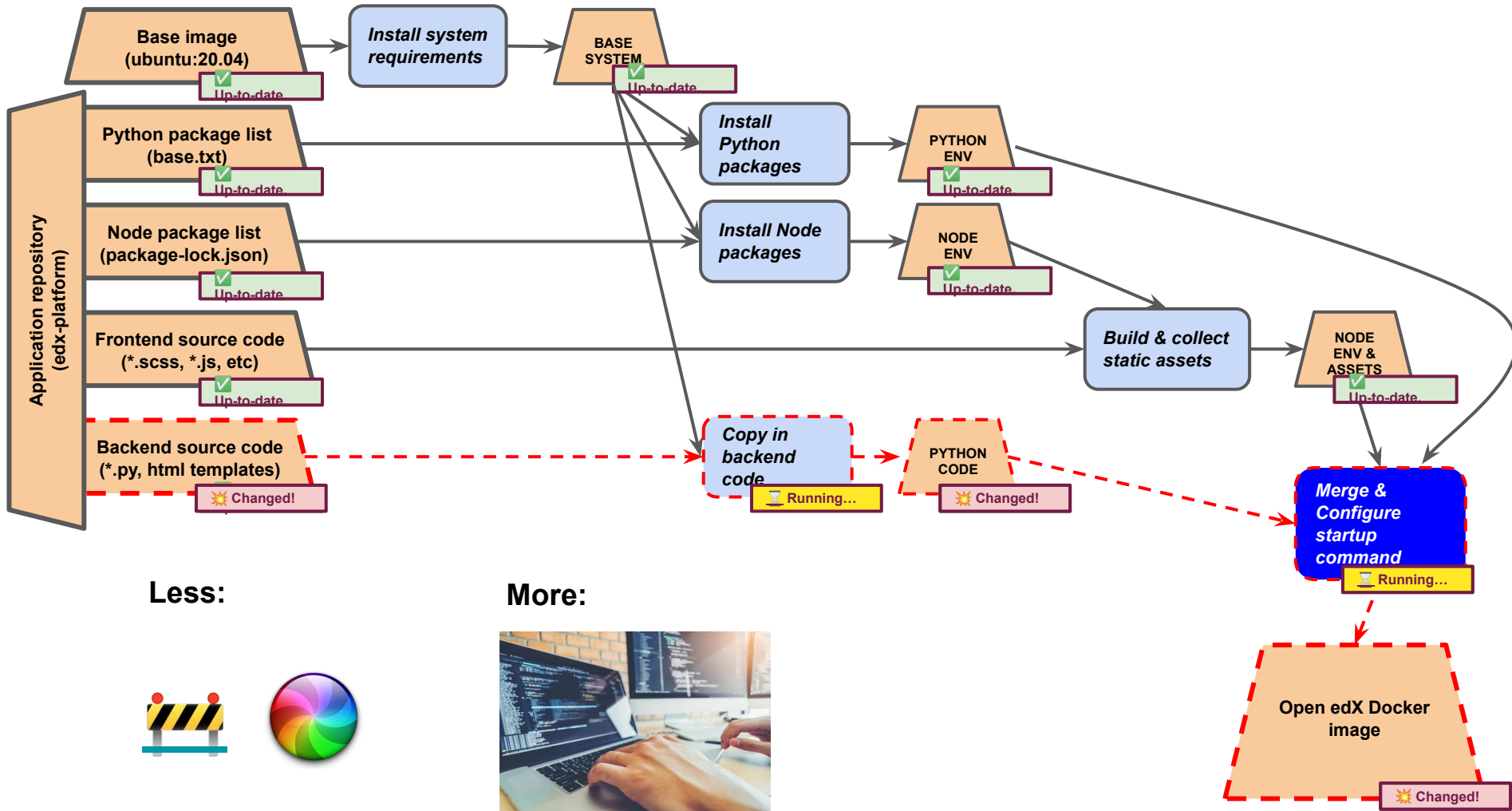


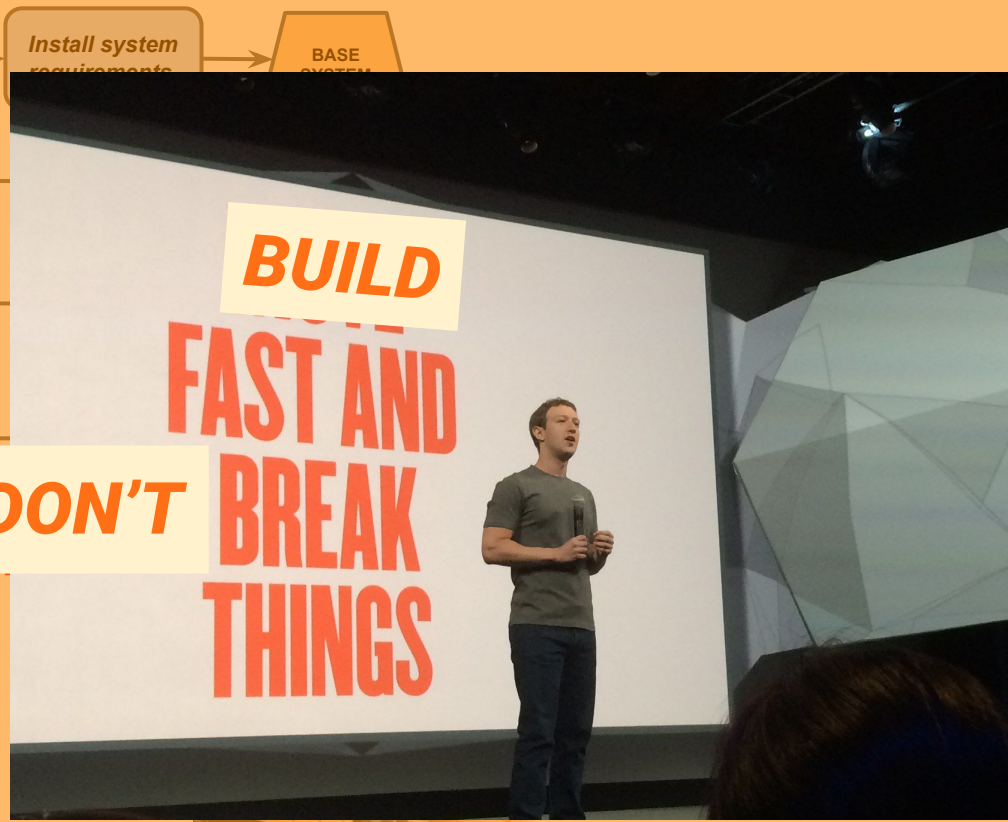
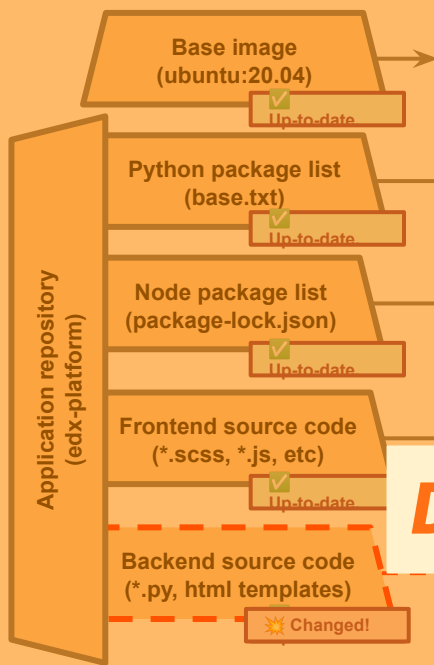




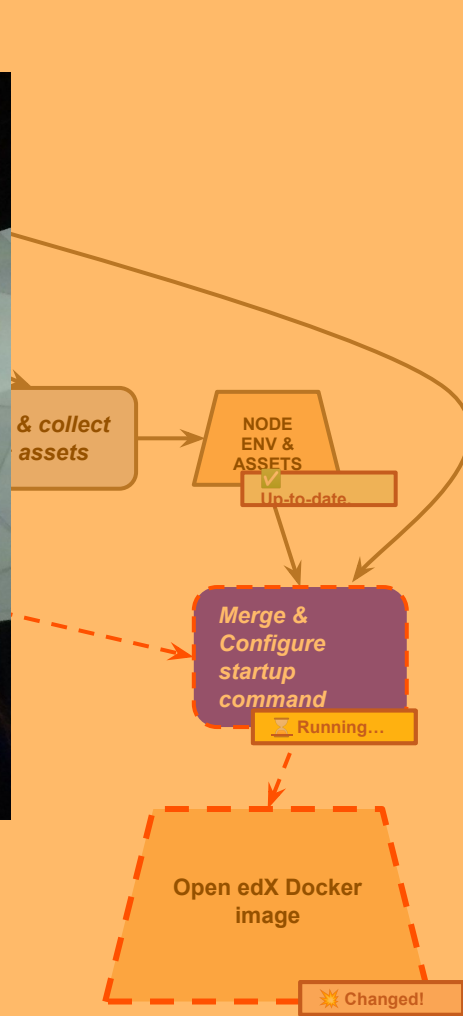


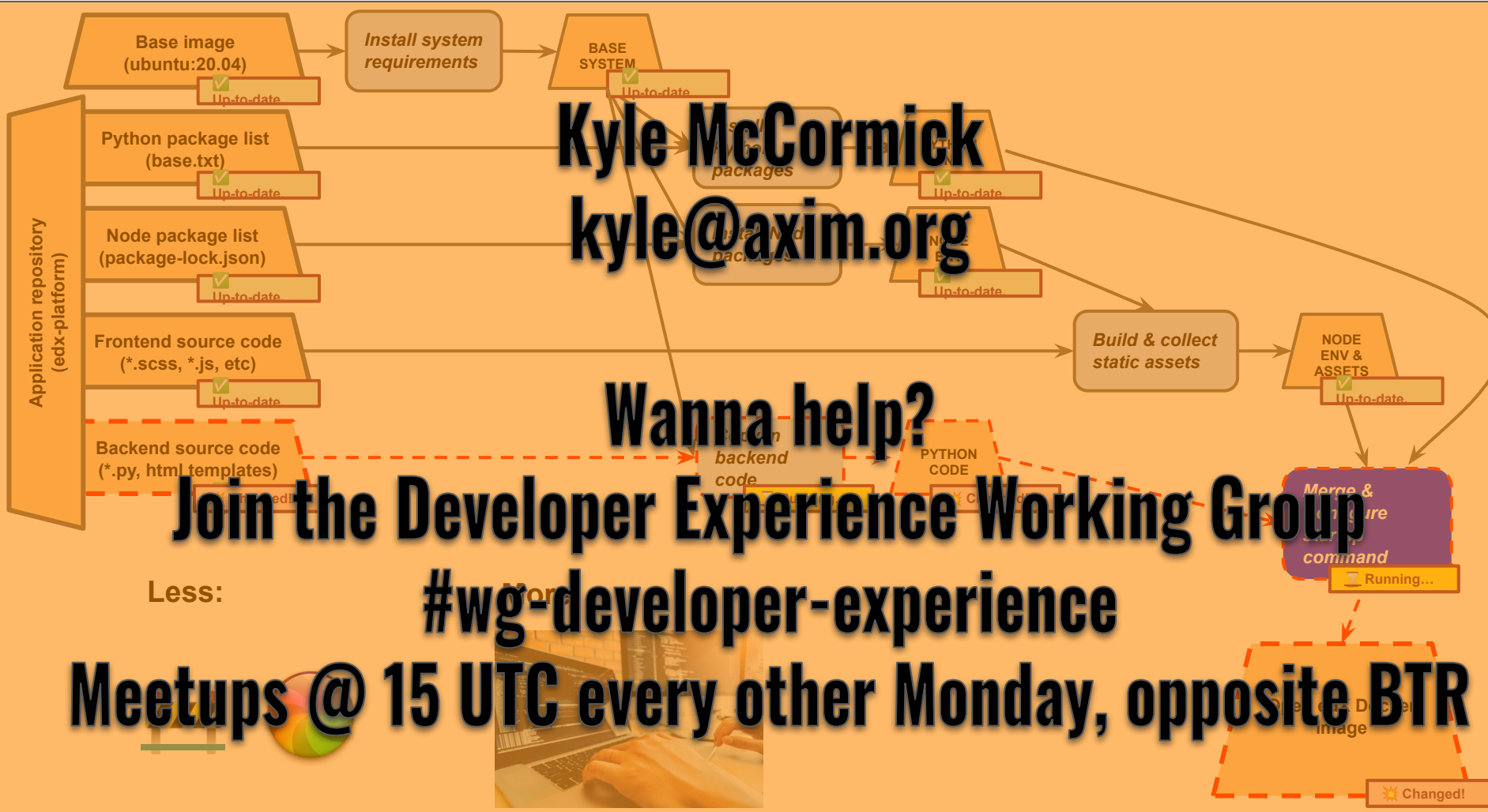






Less:





Kyle McCormick
 kyle@axim.org

Wanna help?

Join the Developer Experience Working Group

#wg-developer-experience

Meetups @ 15 UTC every other Monday, opposite BTR

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Changed!