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/ Developers

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Topics :
- Toolset
- CI Requirements
- Infrastructure

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Toolset :
Current
Situation.

CJX

GITHUB REPOSITORY

CIRCLECI
pre-staging builds

DRONE
staging & prod builds

NOW DEPLOYS
pre-staging

RANCHER
agency projects

KUBERNETES
smop

BARE-BONE W/ DOCKER
mobiscore

nextmoov
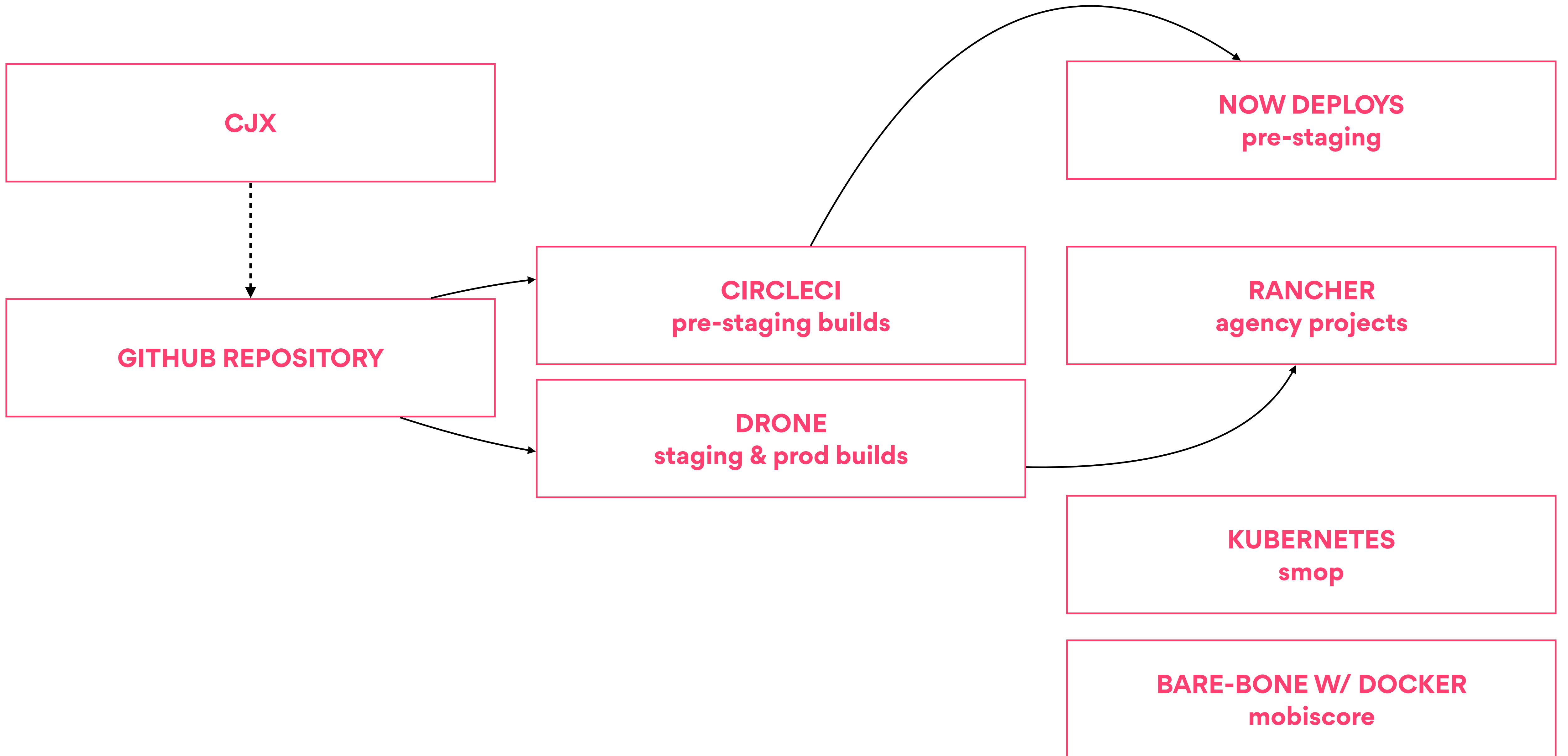
Issues :
— So much Infras
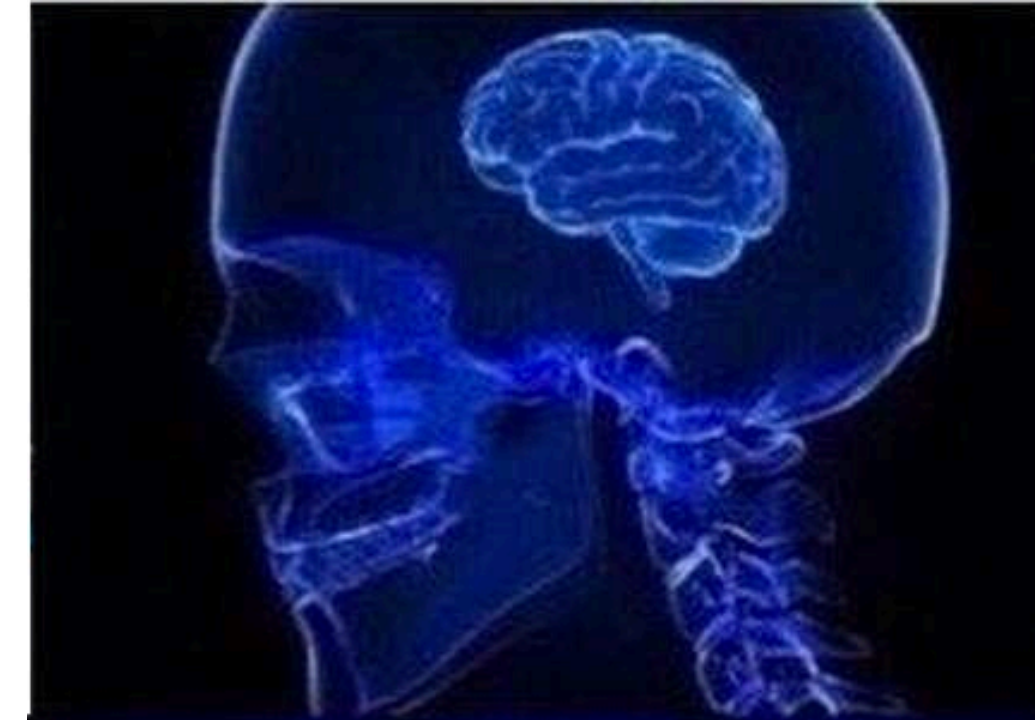# — So much Tools
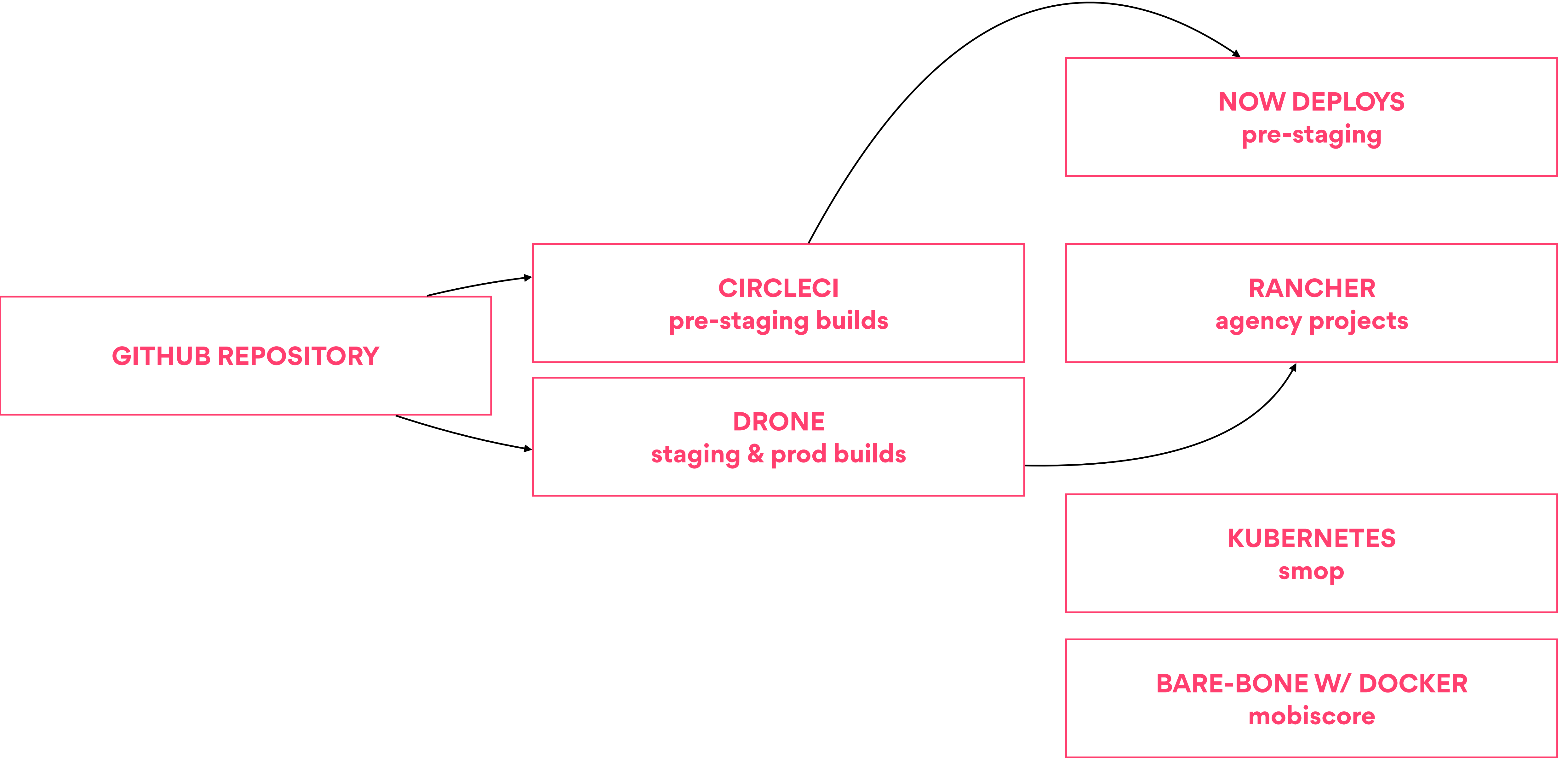# — Not every repo part of CI

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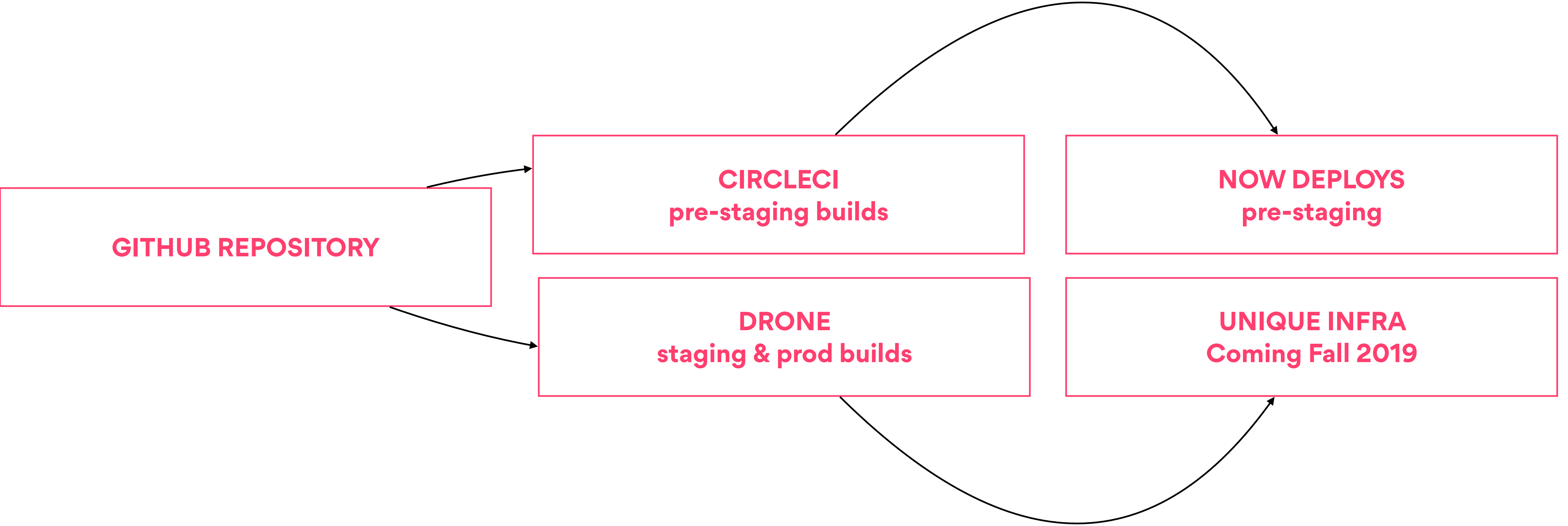
A much simpler Toolset.

GitHub,
CircleCI,
Drone,
Now,
Docker
Rancher

GitHub,
CircleCI,
Now,
Rancher

GitHub,
CircleCI,
Now

GITHUB

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UNIQUE INFRA
Coming Fall 2019

```yaml
version: 2
jobs:
 build:
    machine: true
    steps:
      - checkout
      # start proprietary DB using private Docker image
      # with credentials stored in the UI
      - run: |
          echo "$DOCKER_PASS" | docker login --username $DOCKER_USER --password-stdin
          docker run -d --name db company/proprietary-db:1.2.3

      # build the application image
      - run: docker build -t company/app:$CIRCLE_BRANCH .

      # deploy the image
      - run: docker push company/app:$CIRCLE_BRANCH
```
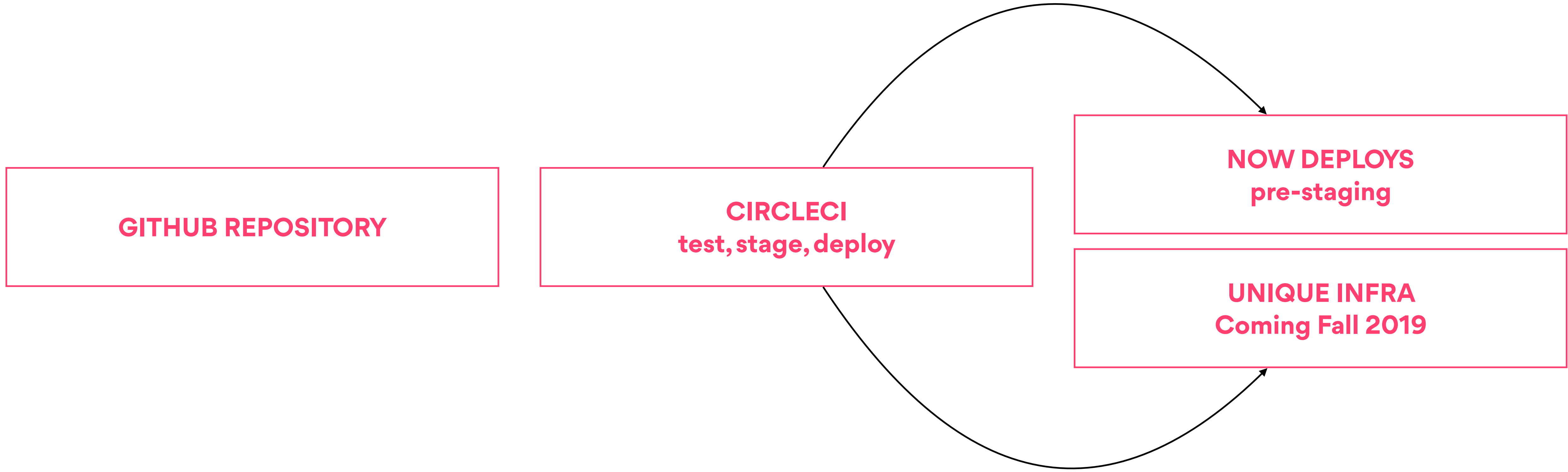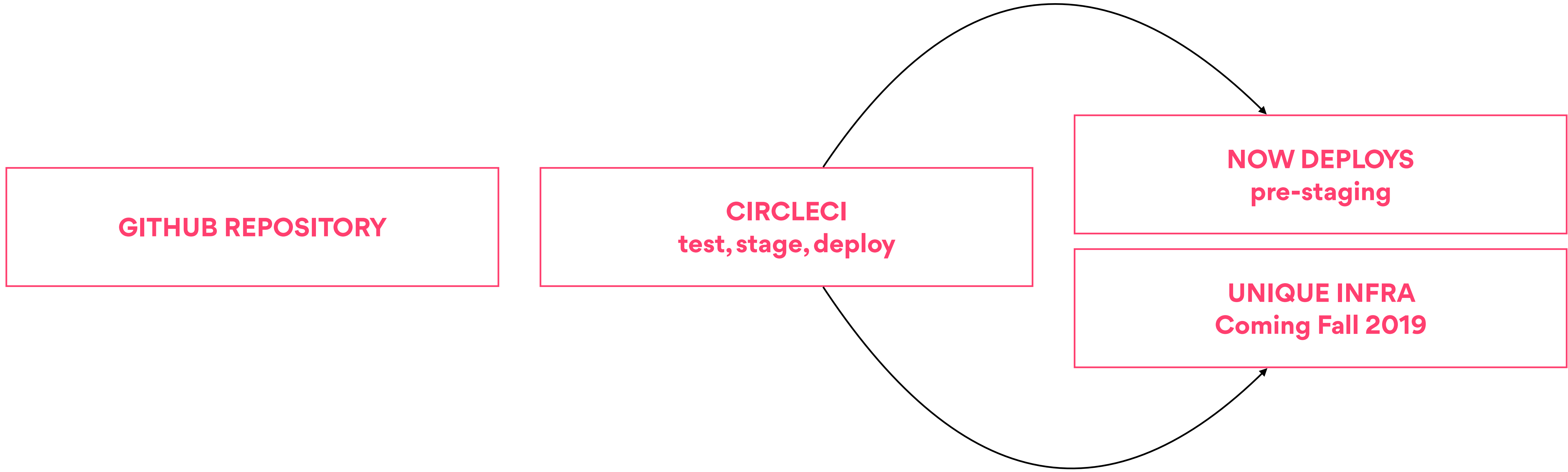
GITHUB REPOSITORY

CIRCLECI
test, stage, deploy

NOW DEPLOYS
pre-staging

UNIQUE INFRA
Coming Fall 2019

GITHUB REPOSITORY

CIRCLECI
test, stage, build

NOW DEPLOYS
pre-staging
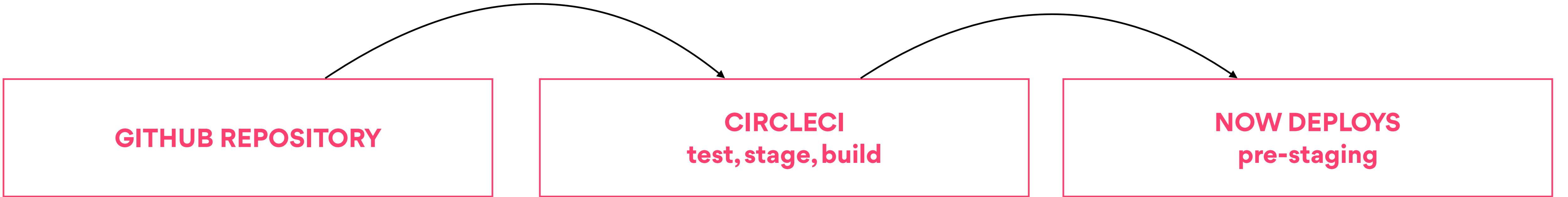
GITHUB ACTIONS
test, stage, build

NOW DEPLOYS
pre-staging

nextmo●—ov
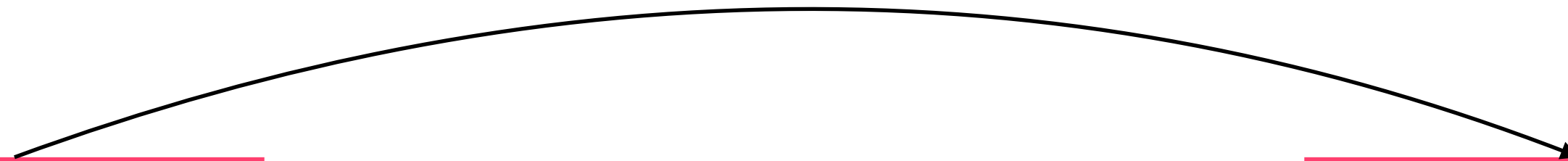
Connect everything to CI.

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Introducing...

MOAR

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MOAR,
Mother of all Repos.

```
┌─────────────────────────────────────┐
│                                     │
│              MOAR                   │
│                                     │
└─────────────────────────────────────┘
                    │
                    │   MAKE_FRONTEND, MAKE_BACKEND, MAKE_MOBILE,...
                    ▼
┌─────────────────────────────────────┐
│                                     │
│        PER-PROJECT TYPE             │
│           TEMPLATE                  │
│                                     │
└─────────────────────────────────────┘
                    │
                    ▼
┌─────────────────────────────────────┐
│                                     │
│       YOUR PROJECT REPO             │
│                                     │
└─────────────────────────────────────┘

┌─────────────────────────────────────┐
│       .CIRCLECI/CONFIG.YML          │
│       simply points to the orb      │
└─────────────────────────────────────┘

┌─────────────────────────────────────┐
│       .CI-SCRIPTS SUBMODULE         │
│       MASTER, always last release   │
└─────────────────────────────────────┘

┌─────────────────────────────────────┐
│          CUSTOMIZATIONS             │
│   anything we want to have in any project │
└─────────────────────────────────────┘
```

CI-SCRIPTS REPOSITORY	PER-PROJECT TYPE ORBS	MOAR
		PER-PROJECT TYPE TEMPLATE

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New project?
1. Use this template
2. START.sh
3. Done

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Démo...

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.ci-scripts
What's new?

Code   Issues **0**   **Pull requests 2**   Projects **0**   Wiki

---

Conversation | **Commits** | **Changes**

🎏 **Open**   **Jump to bottom**

Feature/test todo report #4

ᛘ `feature/test-todo-report`

👤 **thomashermine** opened this pull request 4 days ago •   •••
nextmoov-ops edited 3 days ago

CI Report

🚀 Last Build: **1:24:04 PM (8/20/2019)**
— (**2d3a4db**) 🧑 By **thomashermine**

- CI Report
- App
- Storybook
- Lighthouse
- Coverage
- Todo

+😀

👤 **thomashermine** added some commits 8 days ago

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TODO Report : feature/test-todo-report

```
feature/test-todo-report
(2d3a4dba20b3bb7ba96bca462671ac300a1a48af)
```

FILE	#	
src/App.js	5	Code a full app
src/App.test.js	11	Add some tests
src/index.js	7	Add routing abilities

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PR Report : feature/branch-name-in-app → TODO-TARGET-BRANCH

```
feature/branch-name-in-app
(7fdfe9b70718e6440ea51884c088bc6b8290daa0) →
TODO-TARGET-BRANCH (TODO-TARGET-COMMIT)
```

APP **STORYBOOK** **LIGHTHOUSE** **COVERAGE**

🔒 https://app-feature-bran-nextmoov-sample-frontend.nextmoov-ops.now.sh/   ⋮

100
Performance

92
Accessibility

100
Best Practices

91
SEO

PWA
—
Progressive
Web App

● 0—49   ● 50—89   ● 90—100
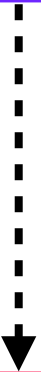
🔒 https://app-feature-bran-nextmoov-sample-frontend.nextmoov-ops.now.sh/   ⋮

Coming next :
— Comment on Fail
— Lighthouse comp.
— Files & Folder Rules

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Infra 2020.
Coming Fall 2019.

MOAR

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Coming Fall 2019
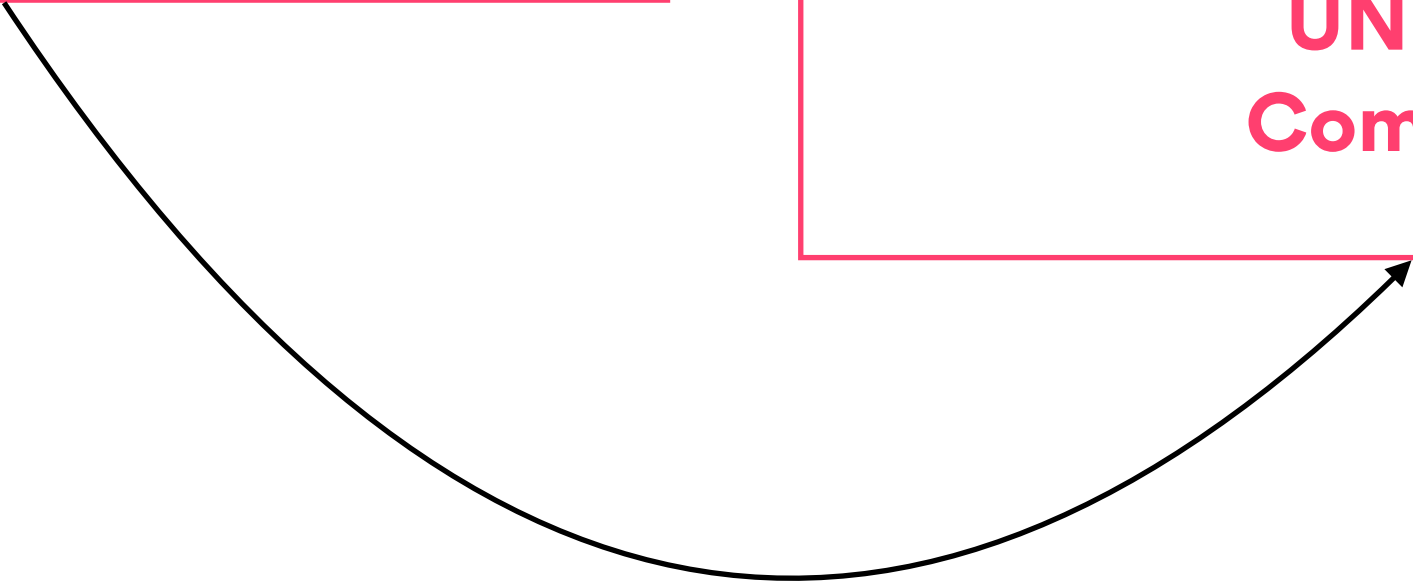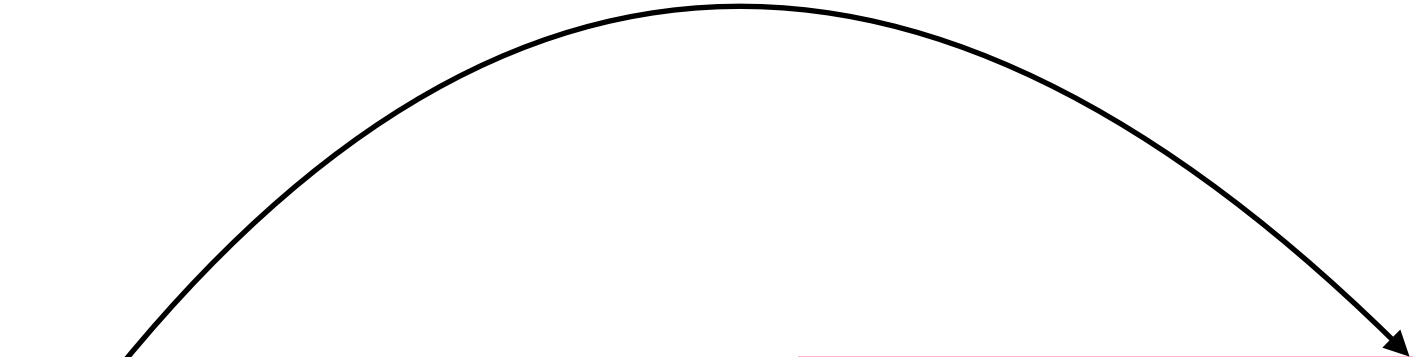
UNIQUE INFRA
Coming Fall 2019

What We Need

NOW.SH	USER-GENERATED CONTENT	REACT FRONTS
PORTAINER	STATIC ASSETS	NODE API
RANCHER	DOCKER-BASED APPS	MONGO/NODE API
KUBERNETES	DOCKER REGISTRY	OTHERS?

PER-BRANCH DEPLOY	MASTER DEVELOP UNSTABLE
FRONTEND (REACT)	FRONTEND (REACT)
BACKEND (STATELESS)	BACKEND (STATELESS)
	BACKEND STATEFUL
NOW.SH	MAIN INFRA

Stateless Back, Front

FEATURE/*	FEATURE-*.NOW.SH
UNSTABLE	UNSTABLE.PROJECT.COM
DEVELOP	STAGING.PROJECT.COM
MASTER	PROJECT.COM

Stateful Backend

UNSTABLE	**UNSTABLE.PROJECT.COM**
DEVELOP	**STAGING.PROJECT.COM**
MASTER	**PROJECT.COM**

Still Open Questions

GITHUB CIRCLE-CI	**INFRA**	**SAFEHOUSE or EXTERNAL HOSTED DB**
STANDALONE DOCKER	**DOCKER-COMPOSE**	**CUSTOM**
TERRAFORM + PORTAINER?	**K8S**	**RANCHER**