Azure DevOps

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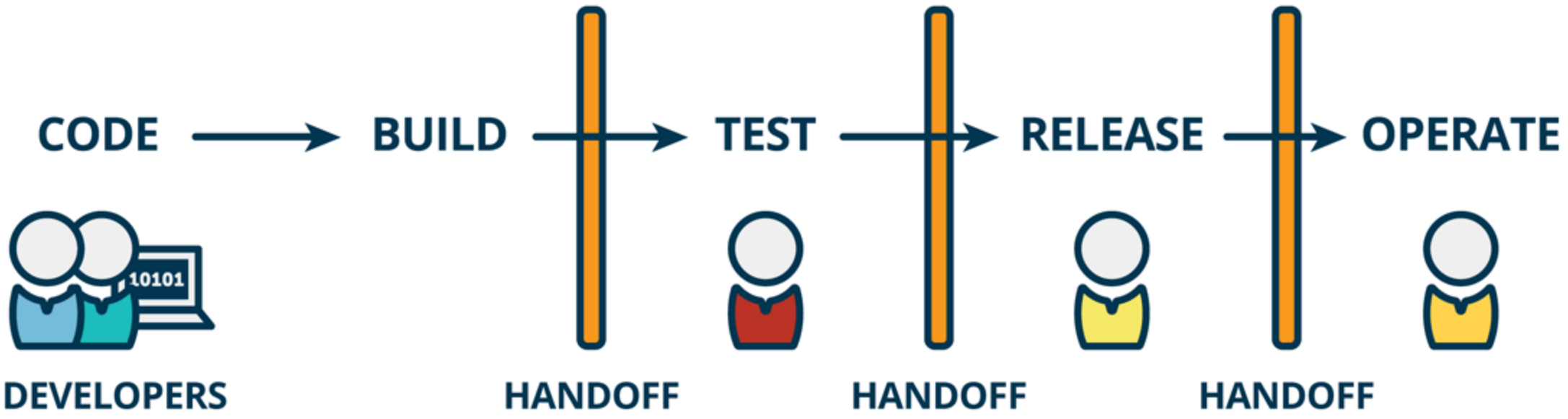
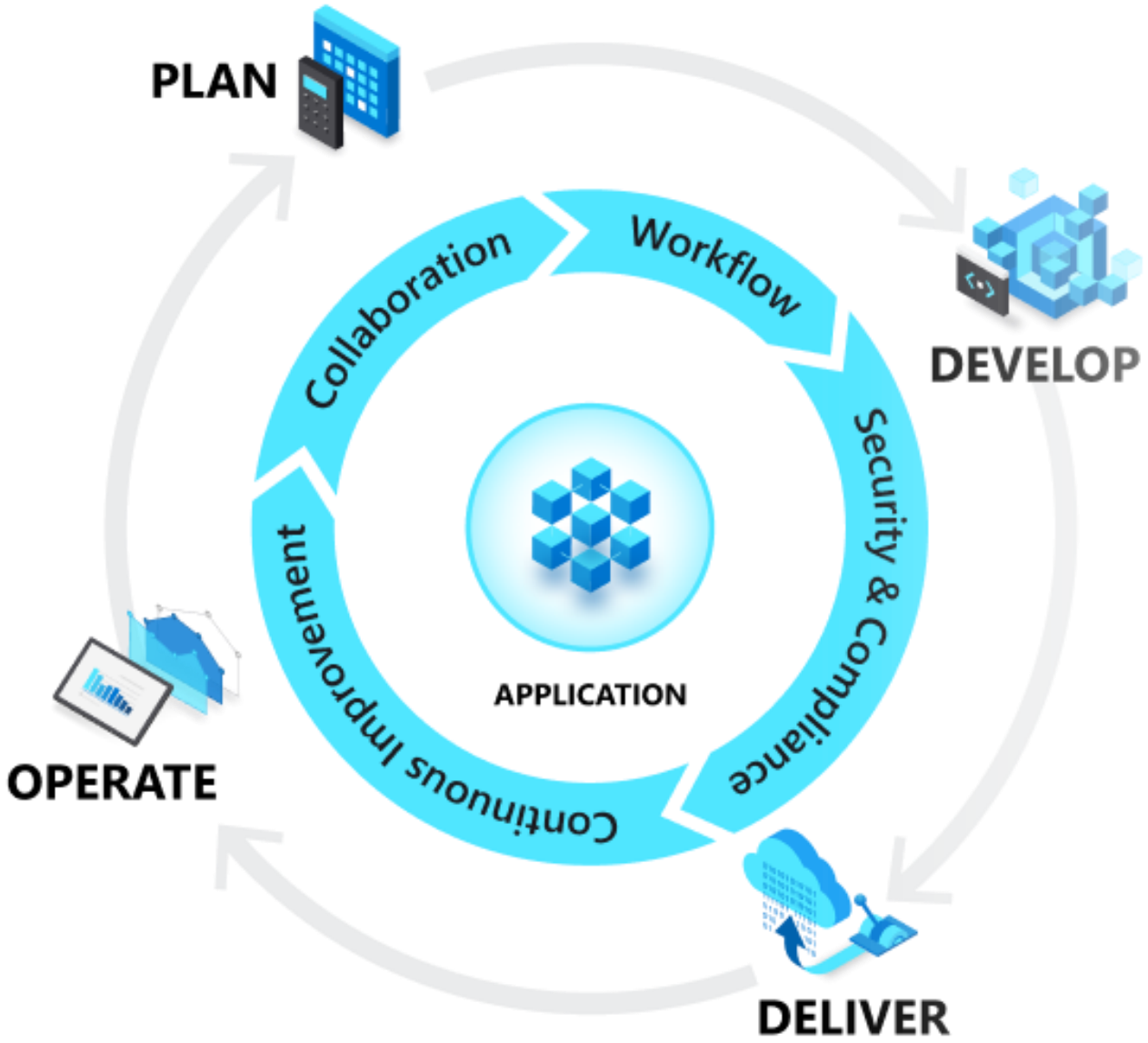
Microsoft Certified UWP and C# Developer

@doniyorniazov

SILK ROAD PROFESSIONALS DEVCON



* Cloud – Технологияҳои абрӣ
* Release – Нашр
* Operate – Амалиёт
* Lifecycle – Сикли ҳаётӣ



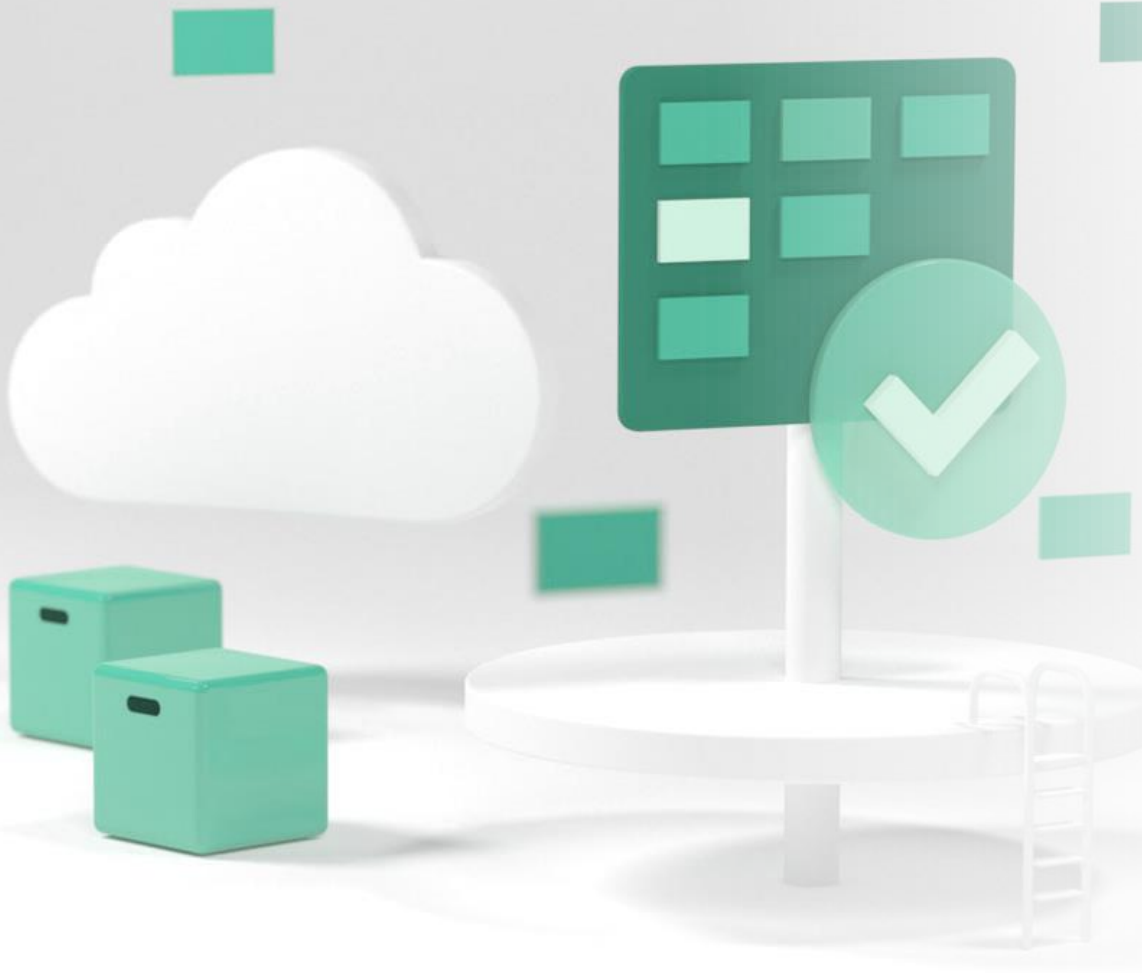
What is DevOps

DevOps = Development and Operations

"DevOps is the union of **people**, **process**, and **technology** to continually provide value to customers."

* Development – Коркард

* Deliver – Расондан



Plan

- Define and Describe Features & Capabilities
- Create Backlogs and Tracking Bugs
- Managing Agile development with Scrum
- Visualize Progress with Dashboards

Develop

- Coding
- Unit Testing
- Reviewing
- Version Control - Git

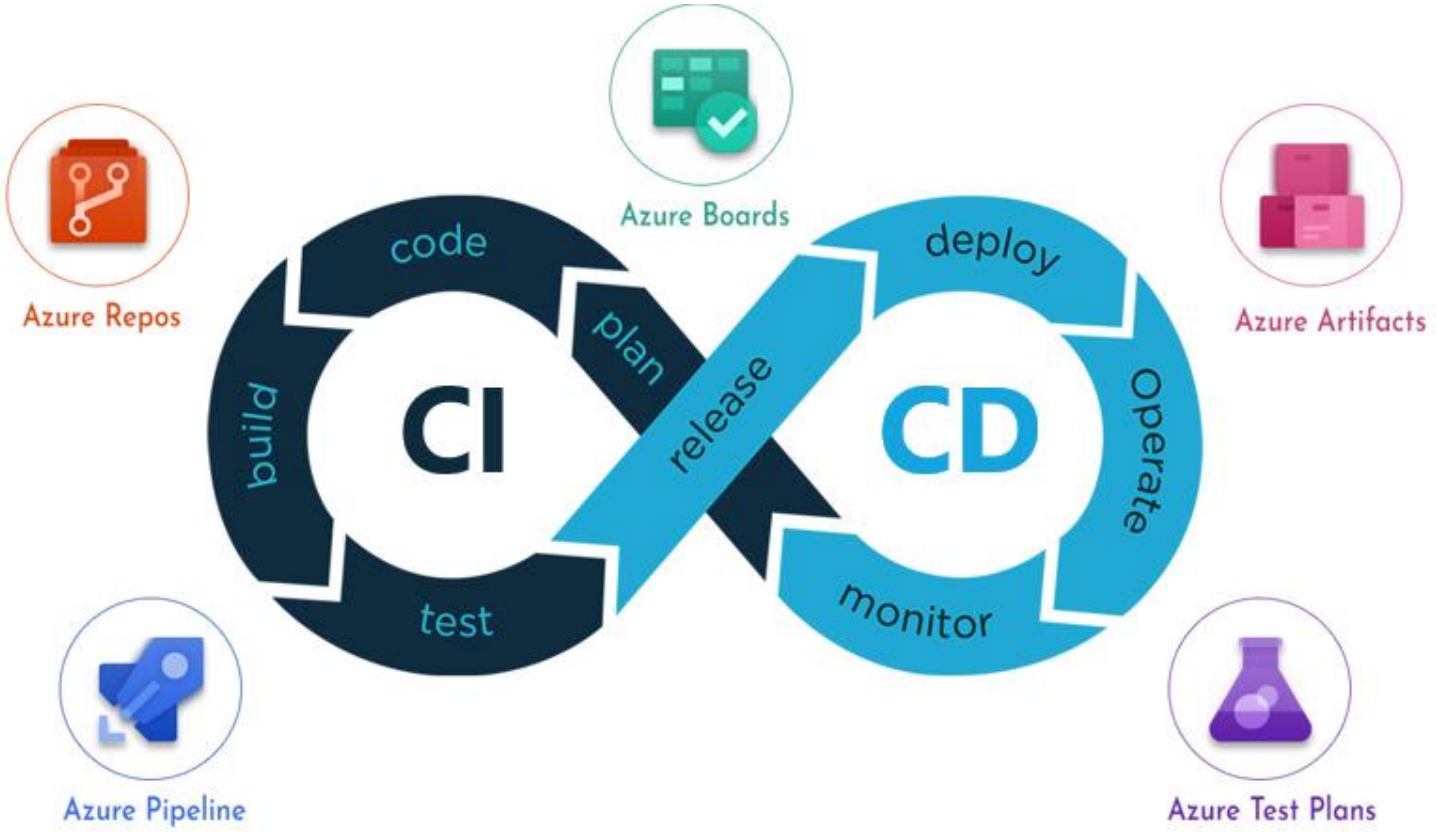
Deliver

- Deploying the app
- Release management
- Approval Stages

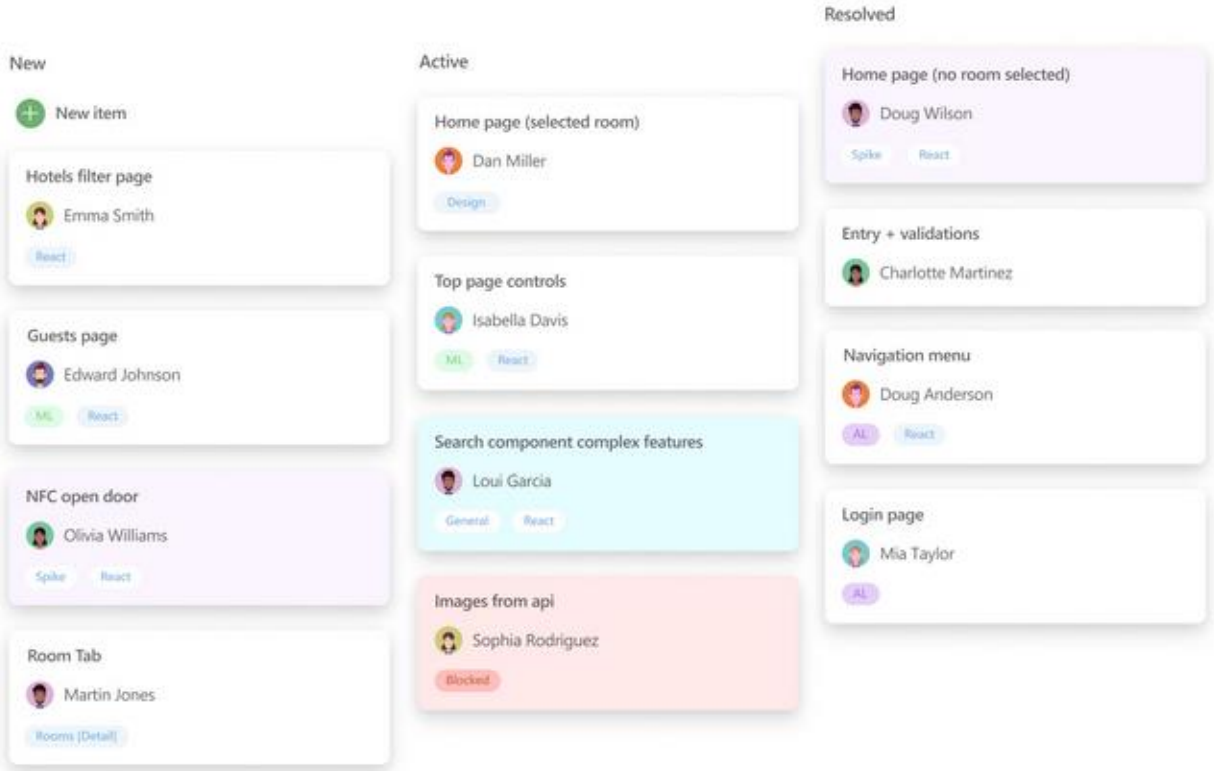
Operate

- Maintaining
- Monitoring
- Troubleshooting
- Zero downtime

Azure DevOps



Azure Boards

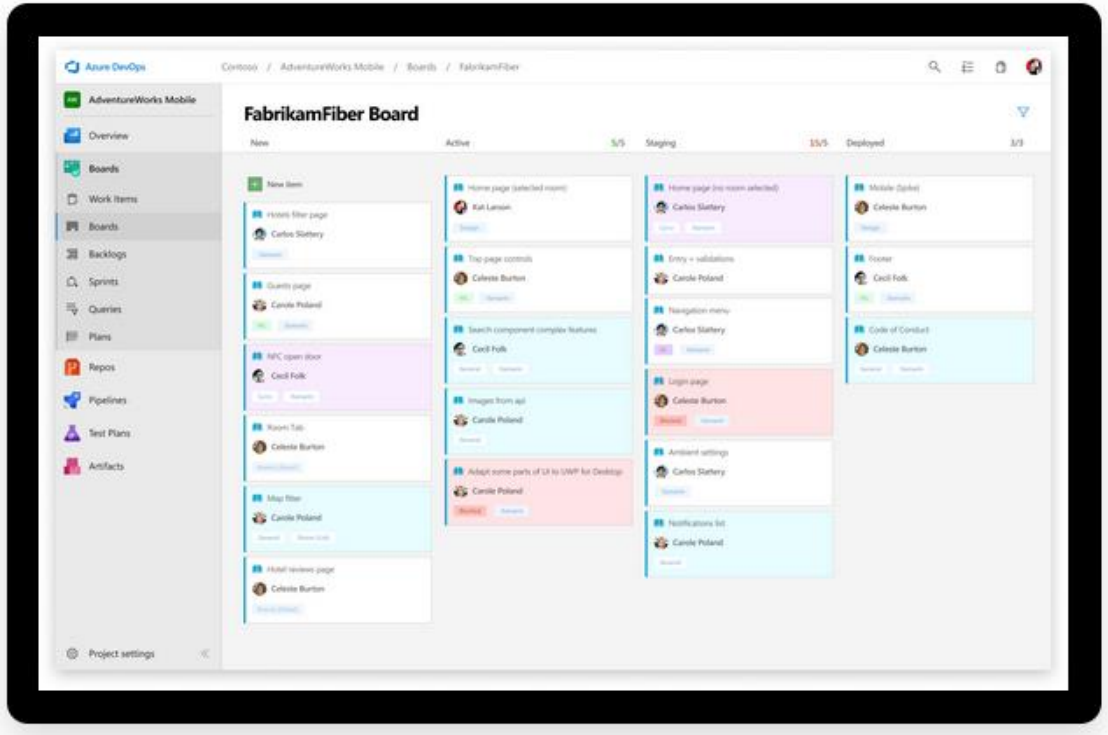


Azure Boards

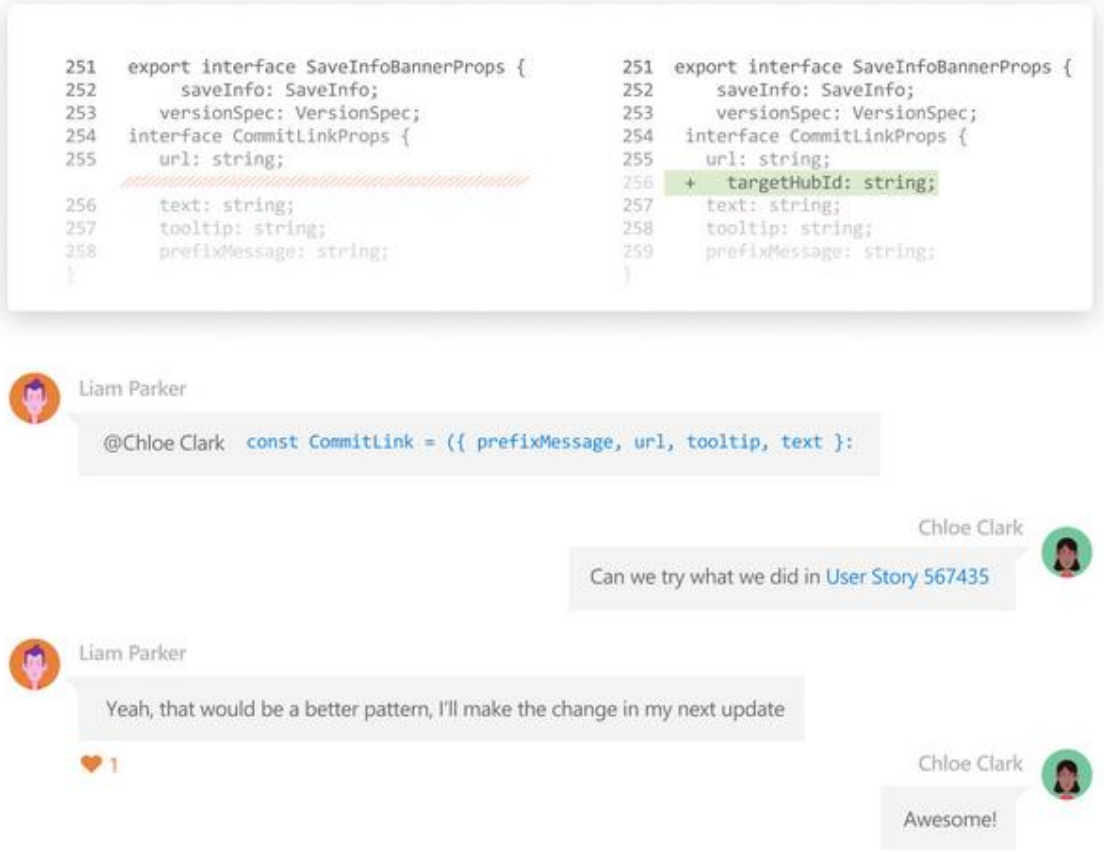
Connected from idea to release

Scrum ready

Project insights



Azure Repos


251 export interface SaveInfoBannerProps {
252 saveInfo: SaveInfo;
253 versionSpec: VersionSpec;
254 interface CommitLinkProps {
255 url: string;
256 text: string;
257 tooltip: string;
258 prefixMessage: string;
251 export interface SaveInfoBannerProps {
252 saveInfo: SaveInfo;
253 versionSpec: VersionSpec;
254 interface CommitLinkProps {
255 url: string;
256 + targetHubId: string;
257 text: string;
258 tooltip: string;
259 prefixMessage: string;
Liam Parker
@Chloe Clark const CommitLink = ({ prefixMessage, url, tooltip, text }:
Chloe Clark
Can we try what we did in User Story 567435
Liam Parker
Yeah, that would be a better pattern, I'll make the change in my next update
1
Chloe Clark
Awesome!

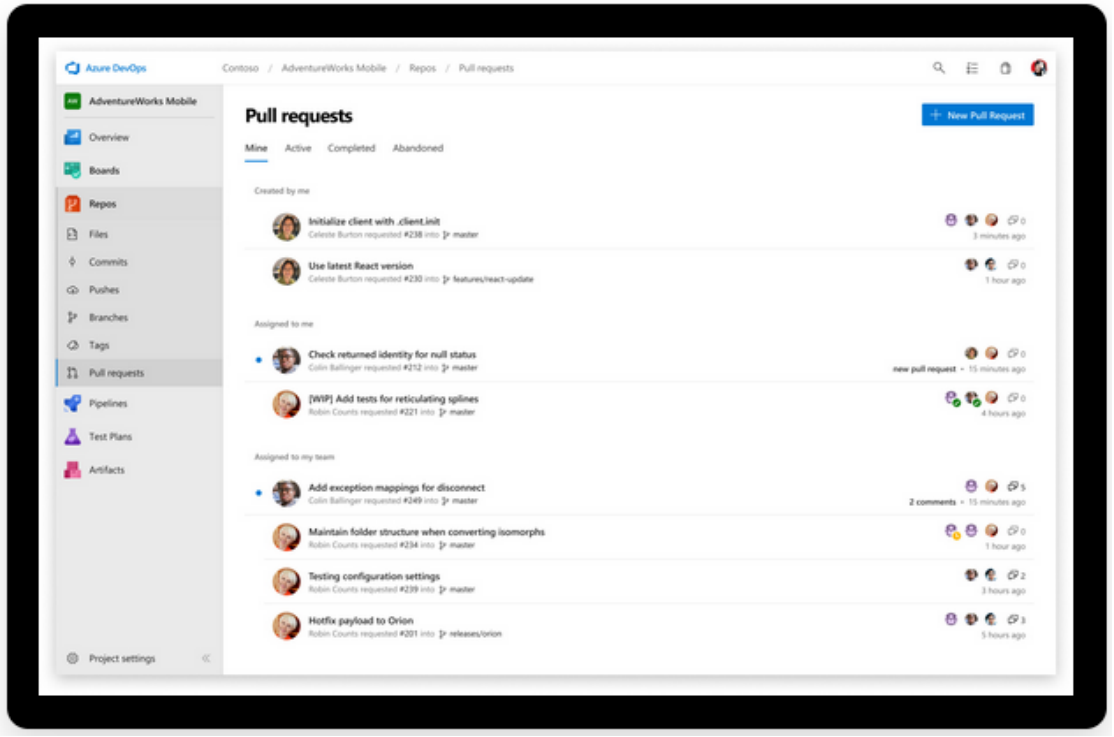
Repository - contains a collection of files of various different versions of a Project.

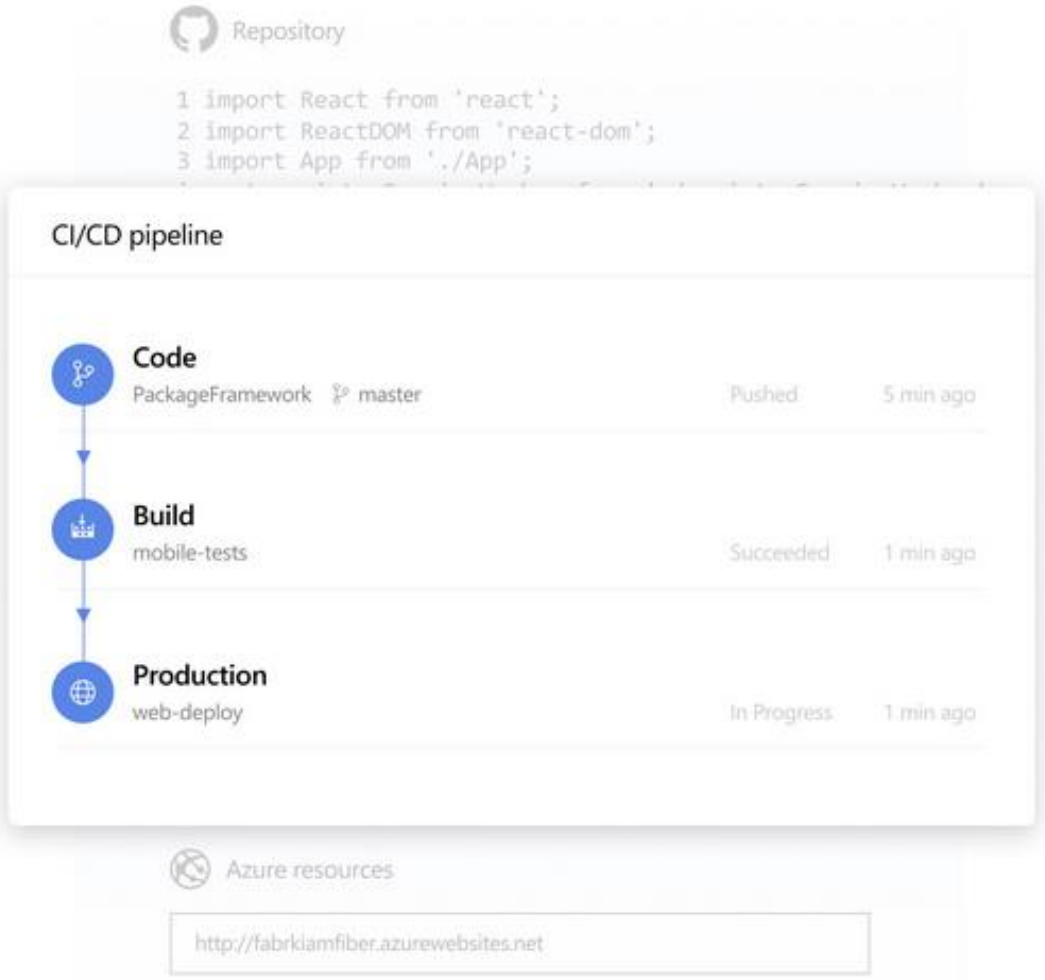
Azure Repos

Works with your Git client

Web hooks and API integration

Semantic code search

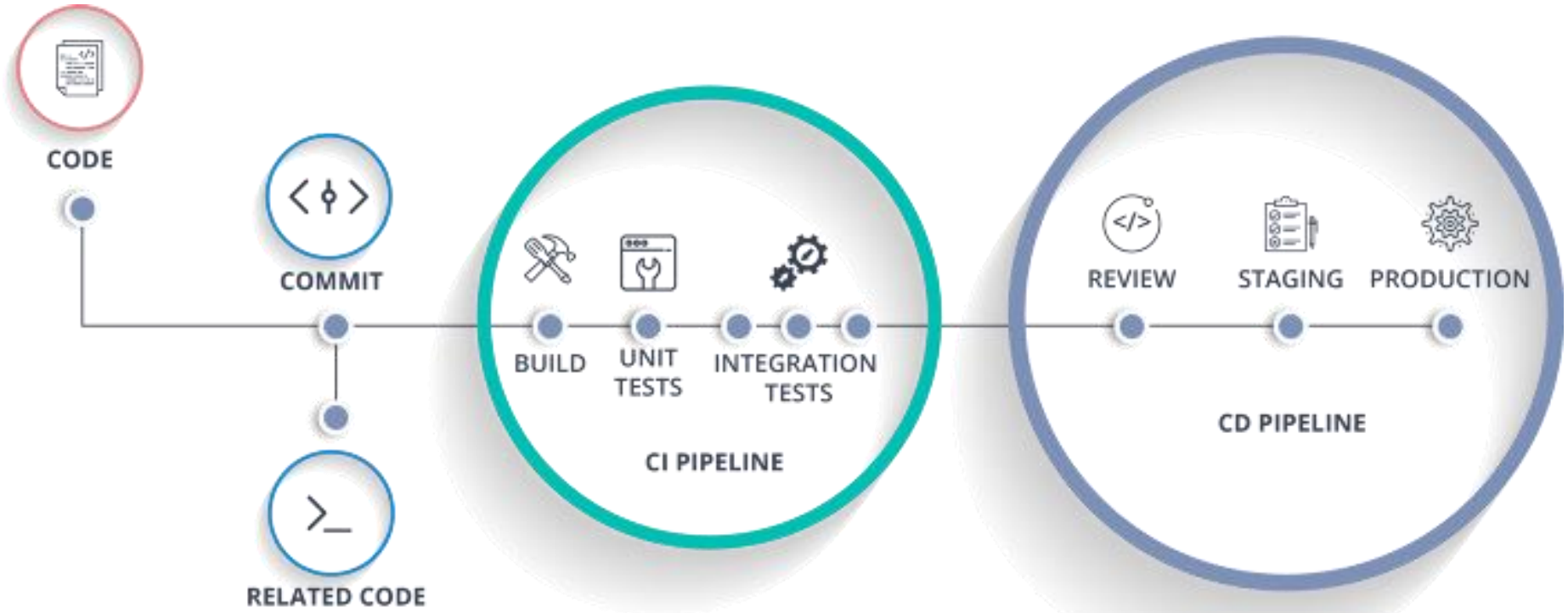




Azure Pipelines

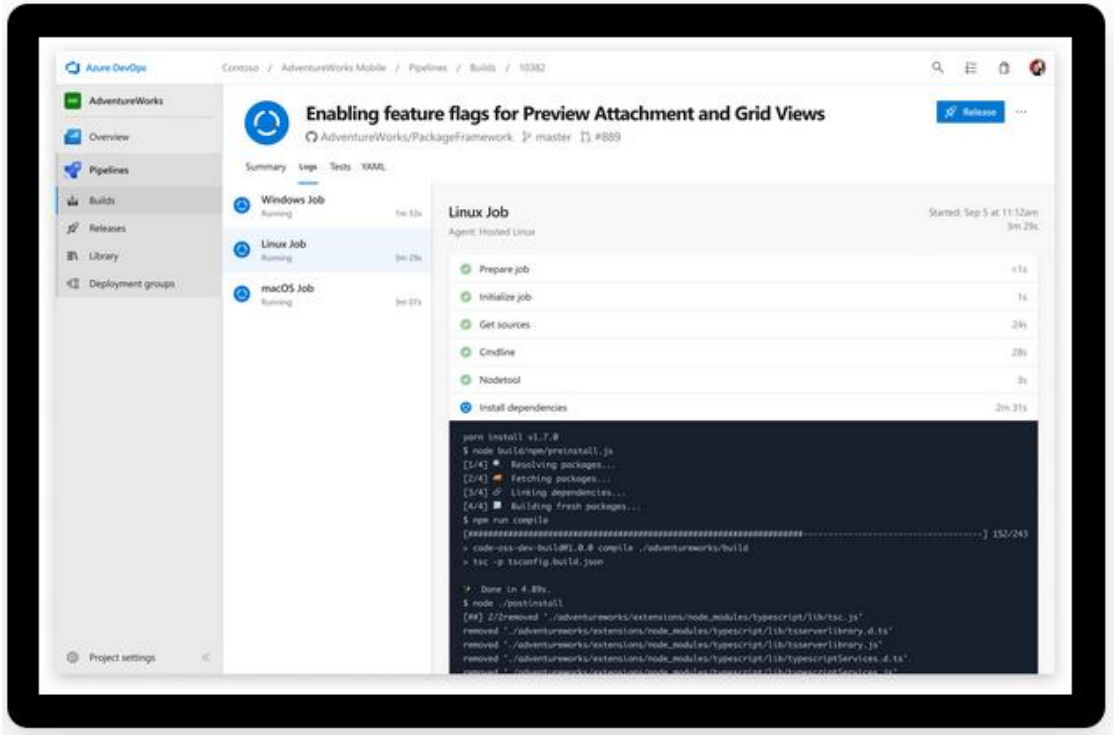
Pipeline

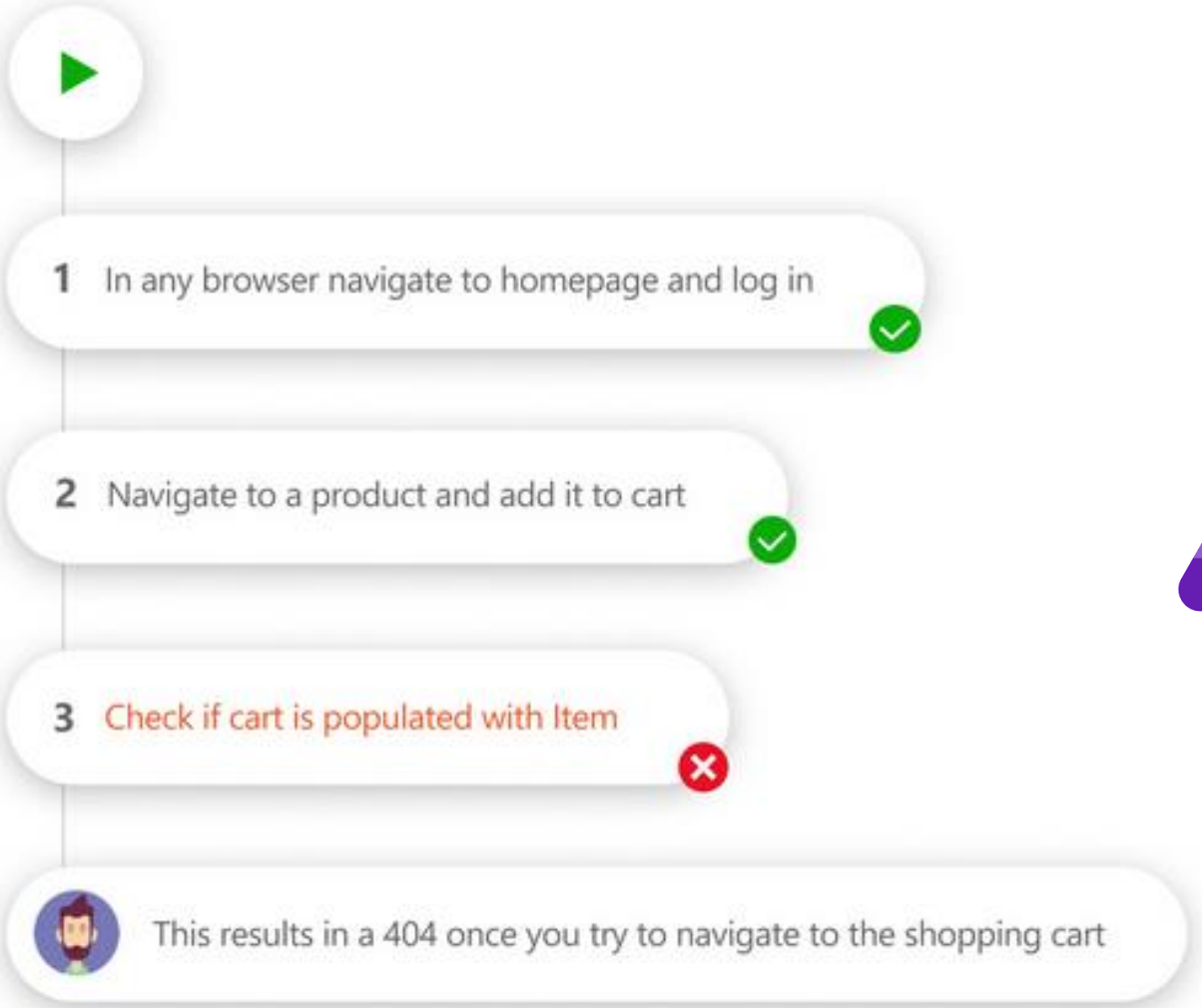
CI/CD


CODE
COMMIT
RELATED CODE
BUILD
UNIT TESTS
INTEGRATION TESTS
CI PIPELINE
REVIEW
STAGING
PRODUCTION
CD PIPELINE

Azure Pipelines

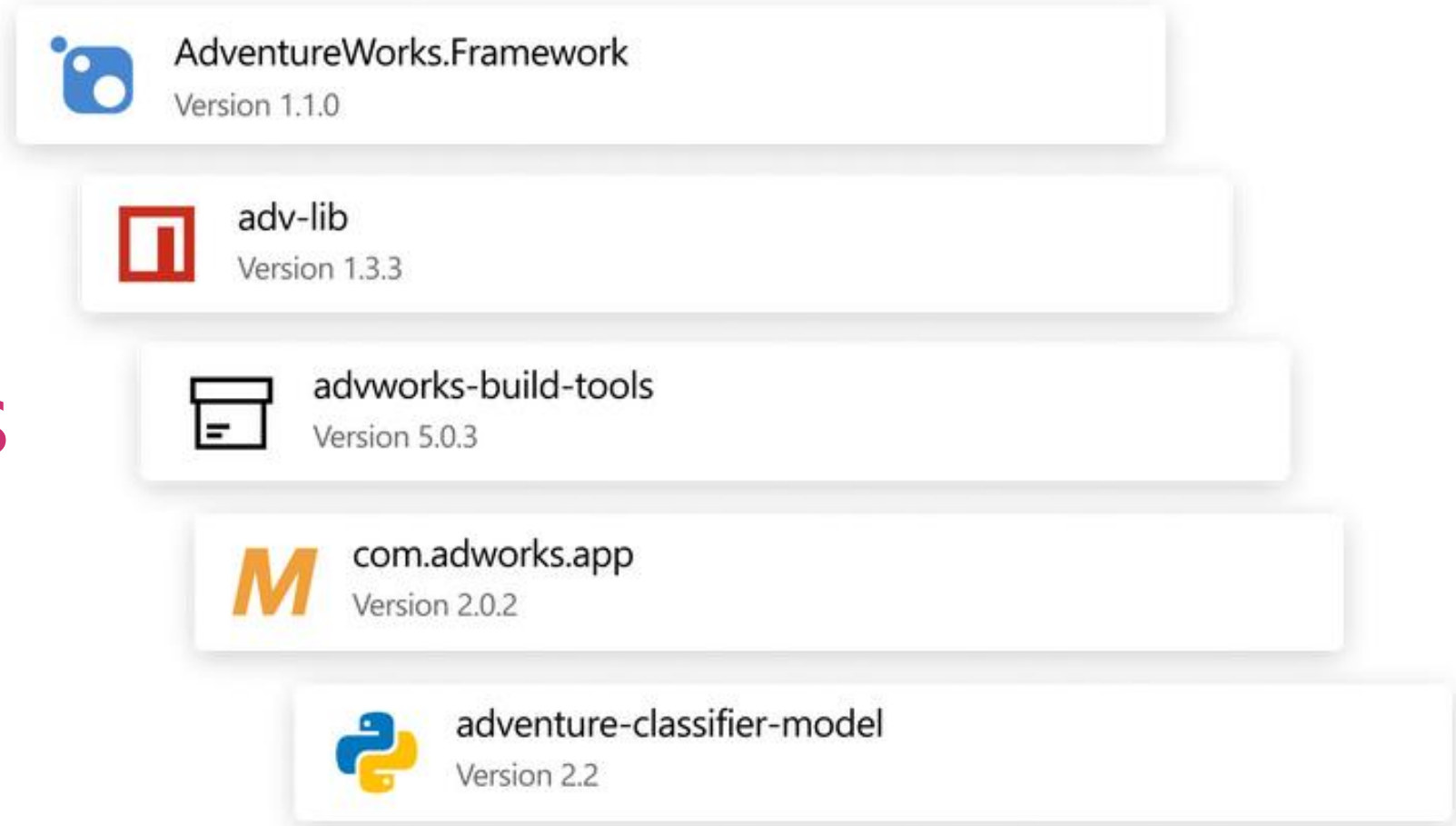
- Any language, any platform
- Extensible
- Containers and Kubernetes
- Best-in-class for open source





Azure Test Plans

Azure Artifacts



* Private - Хусусӣ
* Public - Оммавӣ
* Package - Пакет

Extensions Marketplace

Access 1,000+ extensions or create your own.

Timetracker

Docker Integration

Slack Integration

Sentry

GitHub Integration

*** Extension – Васеъкунии система**

Thank you!

- https://azure.microsoft.com
- https://docs. microsoft.com
- https://redhat.com
- https://aws.amazon.com
- https://atlassian.com