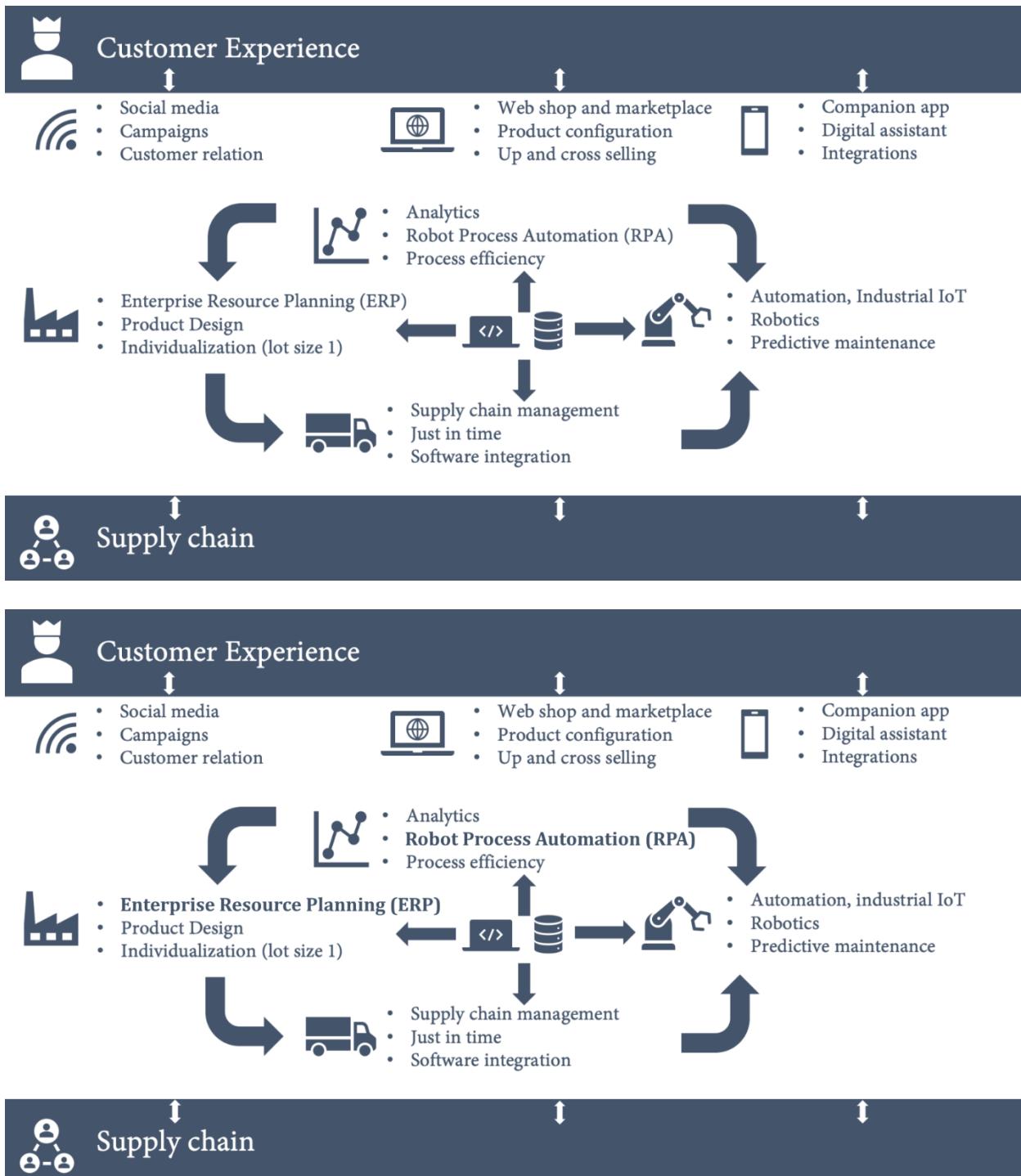
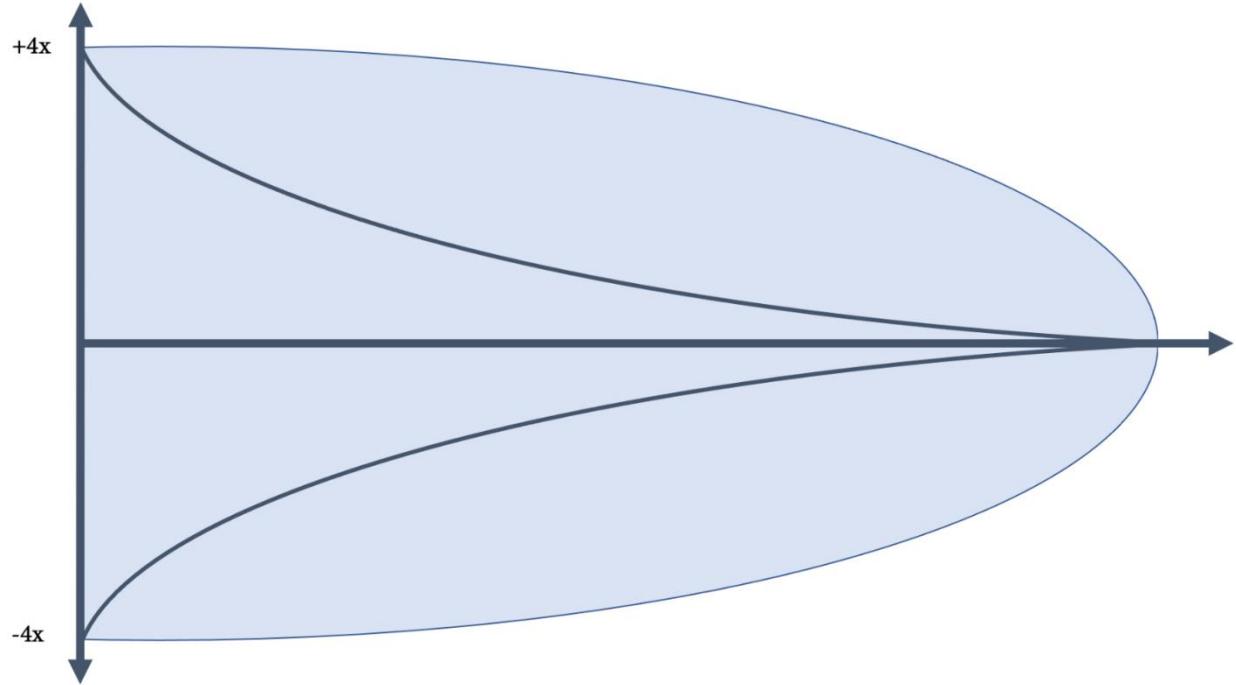


Chapter 1: Metrics That Matter



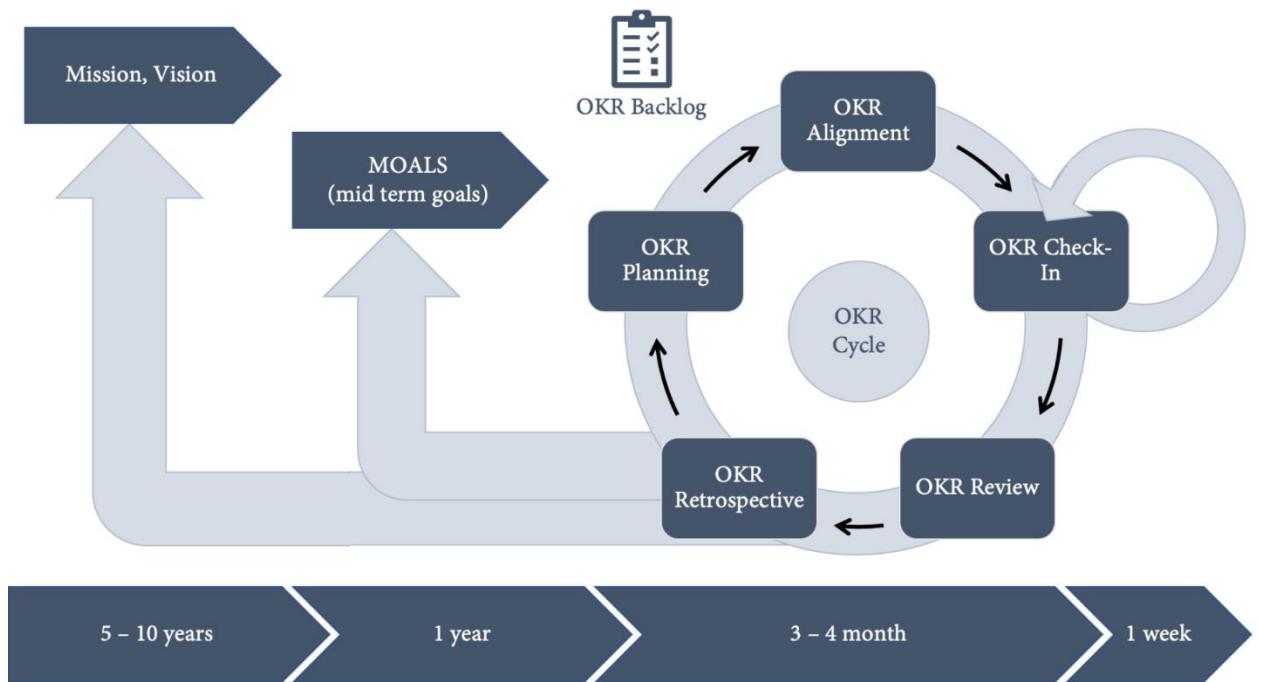


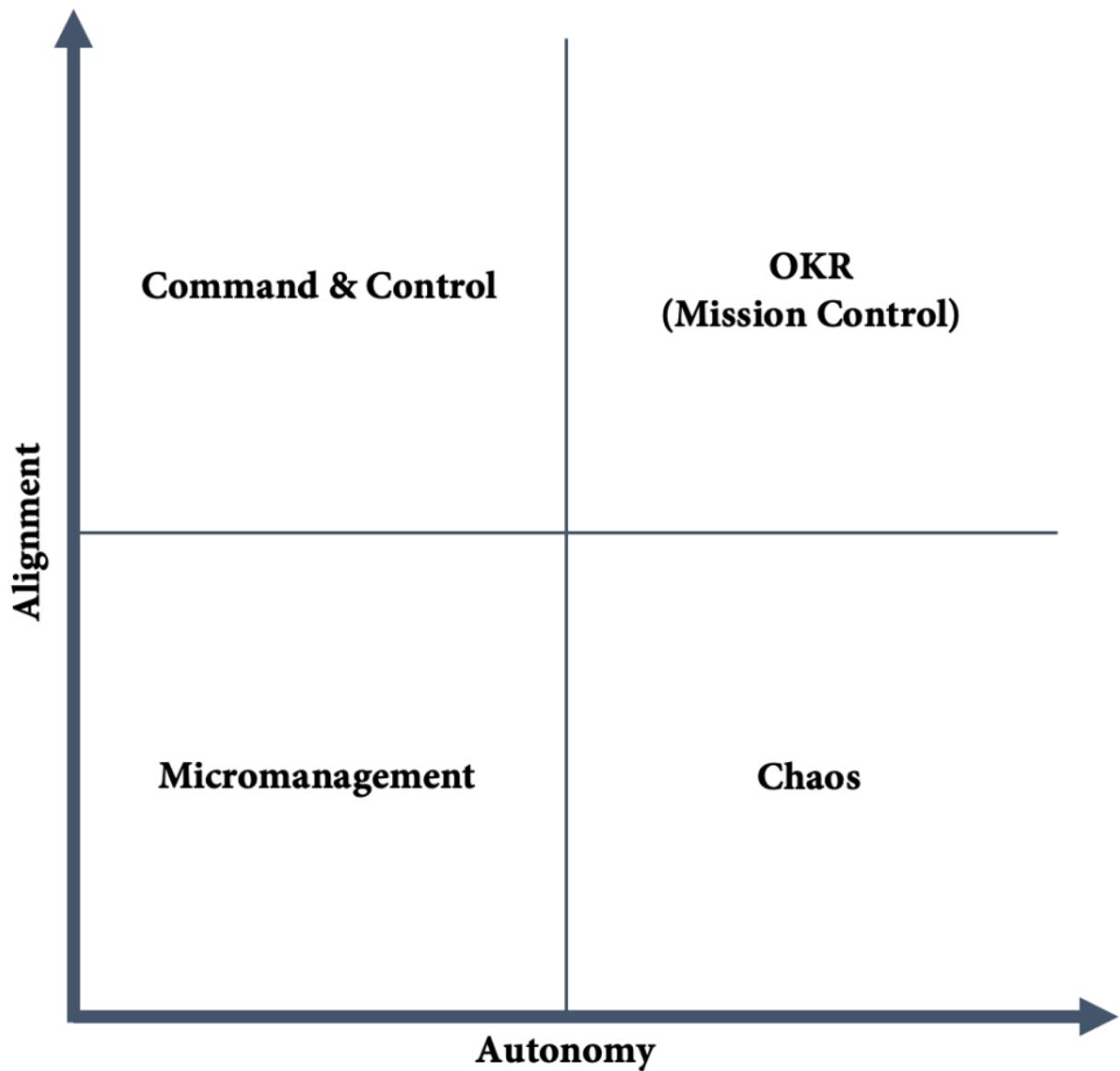
This Dashboard is powered by the [Four Keys Project](#)

Based on Research from DevOps Research and Assessment (DORA)

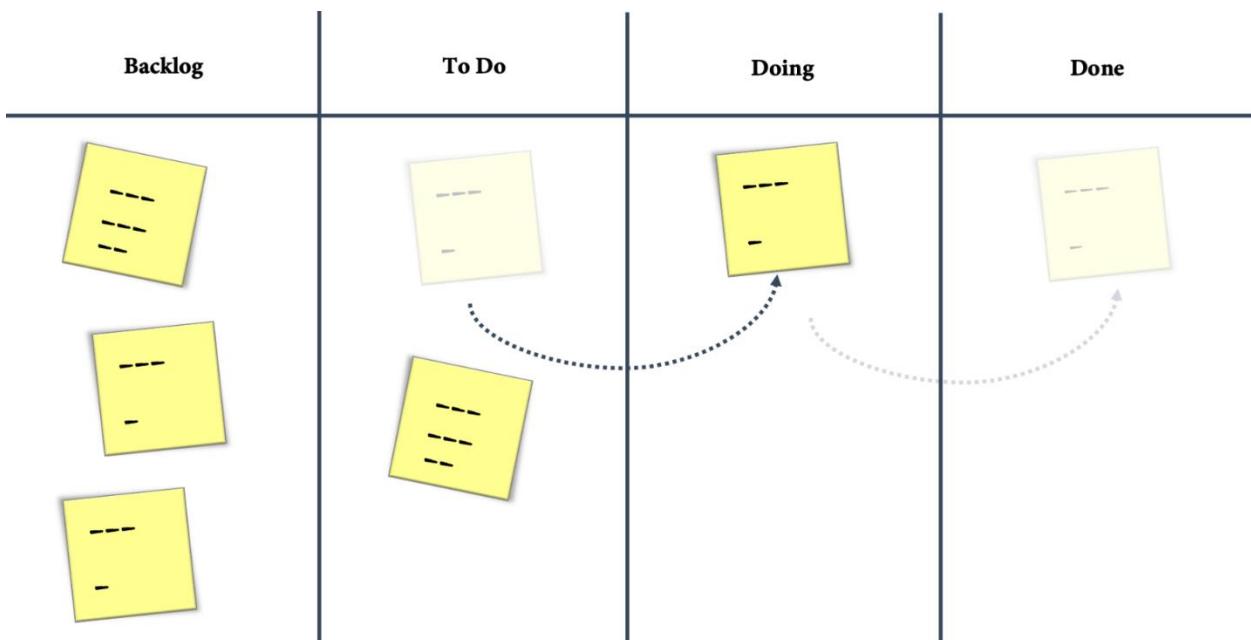


	S atisfaction & Well-being	P erformance	A ctivity	C ommunication & Collaboration	E fficiency & Flow
Individual	<ul style="list-style-type: none"> Developer Satisfaction Retention 	<ul style="list-style-type: none"> Code Review Velocity 	<ul style="list-style-type: none"> Focus Time # Commits # Issues / PBIs Lines of Code 	<ul style="list-style-type: none"> Code Review Score (quality) PR Merge Times 	<ul style="list-style-type: none"> Knowledge Sharing X-Team Reviews
Team	<ul style="list-style-type: none"> Developer Satisfaction Retention 	<ul style="list-style-type: none"> Velocity (shipped) Delivery Lead Time 	<ul style="list-style-type: none"> Cycle Time Velocity (done) # Issues / PBIs 	<ul style="list-style-type: none"> Code Review Engagement PR Merge Times Meeting Quality 	<ul style="list-style-type: none"> Code Review Stale Time Handoffs
System	<ul style="list-style-type: none"> Satisfaction with Engineering System 	<ul style="list-style-type: none"> Velocity Lead Time Customer Satisfaction MTTR 	<ul style="list-style-type: none"> Deployment Frequency 	<ul style="list-style-type: none"> Knowledge Sharing X-Team Reviews 	<ul style="list-style-type: none"> Lead Time Velocity





Chapter 2: Plan, Track, and Visualize Your Work





wulfland / AccelerateDevOps

Code Issues 3 Pull requests 1 Discussions Actions Projects 1 Wiki Security Insights

Edit and preview body

Something that has to be done

Title

Write Preview

Toolbar

Templates

Heading

Text supports formatting like **bold** (cmd+b) and italic (cmd+i) and emoticons (:+1:, :100:, :shipit:). You can also mention people with @wulfland and reference issues pull requests or discussions with #

Tasklist:

- [] task 1
- [] task 2

```
```javascript
nextWhenVisible() {
 if (!document.hidden && isVisible(this._element)) {
 this.next()
 }
}
```
Attach files by dragging & dropping, selecting or pasting them.
```

Submit new issue

Styling with Markdown is supported

wulfland / AccelerateDevOps

Code Issues 3 Pull requests 1 Discussions Actions Projects 1 Wiki Security Insights

Something that has to be done

Write Preview

Heading

Text supports formatting like **bold** (cmd+b) and *italic* (cmd+i) and emoticons (👍, 💯, 🤗). You can also mention people with @wulfland and reference issues pull requests or discussions with #13

Tasklist:

- task 1
- task 2

```
nextWhenVisible() {  
    if (!document.hidden && isVisible(this._element)) {  
        this.next()  
    }  
}
```

Styling with Markdown is supported

Submit new issue

This screenshot shows the GitHub interface for creating a new issue. The title is "Something that has to be done". Below it is a "Write" button and a "Preview" button. A heading is present, followed by a note about text formatting. A "Tasklist:" section contains two items: "task 1" and "task 2". Below the tasklist is a code block with the following content:

```
nextWhenVisible() {  
    if (!document.hidden && isVisible(this._element)) {  
        this.next()  
    }  
}
```

At the bottom right is a green "Submit new issue" button.

wulfland / AccelerateDevOps

Code Issues 4 Pull requests 1 Discussions Actions Projects 1 Wiki Security Insights Settings

Something that has to be done #14

Open 2 tasks wulfland opened this issue 23 minutes ago · 0 comments · May be fixed by #13

wulfland commented 23 minutes ago · edited +

Heading

Text supports formatting like **bold** (cmd+b) and *italic* (cmd+i) and emoticons (👍, 💯, 🤗). You can also mention people with @wulfland and reference issues pull requests or discussions with #13

Tasklist:

- task 1 #15
- task 2

```
nextWhenVisible() {  
    if (!document.hidden && isVisible(this._element)) {  
        this.next()  
    }  
}
```

wulfland self-assigned this 21 seconds ago

wulfland added requirement, unplanned labels now

wulfland added this to the v1.0 milestone now

Assignees: wulfland

Labels: requirement, unplanned

Projects: Kanban, Awaiting triage

Milestone: v1.0

Linked pull requests: Successfully merging a pull request may close this issue.

Update README.md

Notifications: Unsubscribe

History of changes: Convert tasks in task list to Issues, History of changes, Assign people, add labels and milestones

This screenshot shows the GitHub issue page for #14. The title is "Something that has to be done #14". It includes a "New issue" button. The main content area shows the converted tasklist from the previous screenshot. On the right side, there are several cards for managing the issue: "Assignees" (wulfland), "Labels" (requirement, unplanned), "Projects" (Kanban, Awaiting triage), and "Milestone" (v1.0). Below these are sections for "Linked pull requests" and "Notifications". At the bottom left, there is a "History of changes" section with three entries: "Convert tasks in task list to Issues", "History of changes", and "Assign people, add labels and milestones".

Something that has to be done #14

[Open](#) 1 of 4 tasks wulfand opened this issue on 10 Jul · 0 comments

wulfand commented on 10 Jul · edited

Heading

Text supports formatting like bold (cmd+b) and italic (cmd+i) and emoticons (😊, 😄, 🤪). You can also mention people with @wulfand and reference issues pull requests or discussions with #13.

Tasklist:

- task 1 #15
- task 2 #33 → **task 2 #33**
- task 3
- task 4

```
nextWhenVisible) {
    if (!document.hidden &&
        this.next())
}
```

wulfand self-assigned this

wulfand added requirement, unplanned labels on 10 Jul

task 2 #33

[Open](#) Tracked in #14 wulfand opened this issue 1 minute ago · 0 comments

wulfand commented 1 minute ago

No description provided.

wulfand mentioned this issue 1 minute ago

Something that has to be done #14

[Open](#) 4 tasks

Assignees: wulfand

Labels: requirement, unplanned

Notifications: Unsubscribe

You're receiving notifications because you're watching this repository.

wulfand / AccelerateDevOps

Code Issues 5 Pull requests 1 Discussions Actions Projects 1 Wiki Security Insights Settings

Filters: is:open is:issue author:@me label:requirement

Clear current search query, filters, and sorts

| Author | Label | Projects | Milestones | Assignee | Sort |
|--------------------------------------|------------------------|----------|------------|----------|------|
| 3 Open | ✓ 0 Closed | | | | |
| Something that has to be done | requirement, unplanned | | | | |
| #14 opened 35 minutes ago by wulfand | 2 tasks | v1.0 | | | |
| Another small requirement | requirement | | | | |
| #3 opened 3 days ago by wulfand | 5 tasks done | v1.0 | | | |
| A new small requirement | requirement | | | | |
| #1 opened 3 days ago by wulfand | 2 of 3 tasks | v1.0 | | | |

Filter list of issues Task progress Labels Add filter and sort expressions

Labels Milestones

3 Open ✓ 0 Closed

v1.1 Due date: September 25, 2021 Last updated less than a minute ago

This is the description for the Release v1.1 milestone.

beta No due date Last updated 2 minutes ago

Description: All features that will be included in beta.

v1.0 Past due by 1 day Last updated 6 minutes ago

Release 1.0

New milestone

Create a new milestone to help organize your issues and pull requests. Learn more about milestones and issues.

Title:

Due date (optional):

Description:

Create milestone

Progress in number of closed Issues

wulfand / AccelerateDevOps

Code Issues 3 Pull requests 1 Discussions Actions Projects 1 Wiki Security Insights Settings

Pinned issues

Something that has to be done

#14 opened 12 days ago by wulfand

Open

A new small requirement

#1 opened 15 days ago by wulfand

Open

Filters is:issue is:open Labels 11 Milestones 3 New issue

3 Open 9 Closed Author Label Projects Milestones Assignee Sort

| Issue | Author | Label | Projects | Milestones | Assignee | Sort |
|--|---------|--------------|----------|------------|----------|------|
| Something that has to be done (requirement, unplanned) | wulfand | 1 of 2 tasks | v1.0 | 1 | | |
| Unplanned work (unplanned) | wulfand | | v1.0 | | | |
| A new small requirement (requirement) | wulfand | 2 of 3 tasks | v1.0 | | | |

ProTip! Follow long discussions with comments:>50.

wulfand / AccelerateDevOps

Code Issues 3 Pull requests 1 Discussions Actions Projects 1 Wiki Security Insights Settings



Bug report
Create a report to help us improve

Custom Issue Form
File a bug report

Feature request
Suggest an idea for this project

Discussions
Please use discussions for issues that are not a bug, enhancement or feature request

Get started

Get started

Get started

Open

Don't see your issue here? [Open a blank issue.](#)

[Edit templates](#)

Issue: 🐞 Bug report

Create a report to help us improve. If this doesn't look right, [choose a different type](#).

[Bug]:

Write Preview H B I

Describe the bug
A clear and concise description of what the bug is.

To Reproduce
Steps to reproduce the behavior:

1. Go to '...'
2. Click on '....'
3. Scroll down to '....'
4. See error

Attach files by dragging & dropping, selecting or pasting them.

Style with Markdown is supported

Submit new issue

(1) Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Assignees wulfand

Labels bug unplanned

Projects None yet

Milestone No milestone

Linked pull requests
Successfully merging a pull request may close this issue.
None yet

Helpful resources [GitHub Community Guidelines](#)

Issue:💡 Custom Issue Form

A custom form with different fields. If this doesn't look right, [choose a different type](#).



Title

Contact Details

How can we get in touch with you if we need more info?

ex. email@example.com

What happened? *

Also tell us, what did you expect to happen?

Tell us what you think

Version *

What version of our software are you running?

Selection: ▾

What browsers are you seeing the problem on?

Selections: ▾

Code of Conduct

By submitting this issue, you agree to follow our [Code of Conduct](#)

I agree to follow this project's Code of Conduct *

Fields marked with an asterisk (*) are required.

[Submit new issue](#)

 Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

New project Beta
Plan and track work across repositories with custom fields and multiple views

Michael Kaufmann

wulfland

CEO @Xpirit-Germany, Microsoft
Regional Director and MVP. Loves C#, Git, GitHub, and DevOps. Author and Speaker.

[Edit profile](#)

52 followers · 23 following

Tasks

| | Title | Assignees | Status |
|---|---------|-----------|-------------|
| 1 | task 11 | wulfland | In Progress |
| 2 | task 21 | totosan | In Progress |
| 3 | task 12 | wulfland | Todo |
| 4 | task 13 | totosan | Todo |
| 5 | task 22 | totosan | In Progress |
| 6 | task 23 | wulfland | Todo |

+ You can use **Ctrl + Space** to add an item

Enter # to pick a repository and select issues or pull requests

Enter text directly and create an issue later by clicking that small triangle that is visible when you hover over an item

6 task 23 wulfland

7 A draft task

Convert to issue to add an item

Delete from project del

Done

repo:ProjectsBeta Find an issue or pull request

- Even better user story #8
- Mind blowing story one #7
- Second PR #11
- Am awesome user story #4
- Directly add prs to the board... #10
- Another thing that will blow their minds #2
- Another user story for some feature #5
- Making the feature great #9

Team Backlog

Backlog Epics Features Stories Story Back... Task Board by Status Status Board + New view Beta Give feedback

-level- "Task" 12 ×

| Title | Assignees | Status | Labels | Effort | Level | Sprint | + |
|--|-----------|---------------|-----------------------|--------|-----------|----------|---|
| ▼ Epic 🎉 2 | | | | | | | |
| 1 🎉 An epic initiative that people will love | wulfland | In Progress 🚧 | Epic Frontend Service | | Epic 🚀 | | |
| 2 🎉 Another epic initiative | wulfland | Done ✅ | Epic | | Epic 🚀 | | |
| + Add item | | | | | | | |
| ▼ Feature 🔥 2 | | | | | | | |
| 3 🎯 Some Feature that is great | wulfland | Done ✅ | Feature Service | | Feature 🔥 | | |
| 4 🎯 Another thing that will blow their minds | wulfland | In Progress 🚧 | Feature Frontend UX | | Feature 🔥 | | |
| + Add item | | | | | | | |
| ▼ Story 🎫 8 | | | | | | | |
| 5 🎯 A great user story | wulfland | Done ✅ | Service Story | 8 | Story 🎫 | Sprint 7 | |
| 6 🎯 Am awesome user story | wulfland | Done ✅ | bug Story UX | 21 | Story 🎫 | Sprint 7 | |
| 7 🎯 Mind blowing story one | wulfland | Done ✅ | Story | 13 | Story 🎫 | Sprint 7 | |
| 8 🎯 Directly add prs to the board... | wulfland | Todo 🚧 | Story | 2 | Story 🎫 | Sprint 8 | |
| 9 🎯 Even better user story | totosan | Todo 🚧 | Story UX | 5 | Story 🎫 | Sprint 7 | |
| 10 🎯 Second PR | wulfland | In Progress 🚧 | bug Story | 3 | Story 🎫 | Sprint 7 | |
| 11 🎯 Making the feature great | wulfland | Todo 🚧 | Service Story | 3 | Story 🎫 | Sprint 7 | |
| 12 🎯 Another user story for some feature | totosan | Done ✅ | Frontend Story UX | 13 | Story 🎫 | Sprint 7 | |
| + Add item | | | | | | | |

Team Backlog

Backlog Epics Features Stories Story Back... Task Board by Status Status Board + New view

Filter board view

level- "Story" 8 ×

Todo 🚧 3

- ProjectsBeta #8 ... Even better user story 5 v1.1 Story UX #11
- ProjectsBeta #10 ... Directly add prs to the board... 2 Story
- ProjectsBeta #9 ... Making the feature great 3 v1.0 Service Story

+ Add item

In Progress 🚧 2

- ProjectsBeta #6 ... A great user story 8 v1.1 Service Story
- ProjectsBeta #8 ... Even better user story 5 v1.1 Story UX #11

Done ✅ 3

- ProjectsBeta #4 ... Am awesome user story 21 v1.0 bug Story UX
- ProjectsBeta #7 ... Mind blowing story one 13 v1.0 Story
- ProjectsBeta #5 ... Another user story for some feature 13 v1.0 Frontend Story UX

+ Add item

Stories

Layout

Table Board

Configuration

Title, Assignees, Status, Effort, Milestone, column field Status

sort: manual

level- "Story" 8 ×

Generate chart

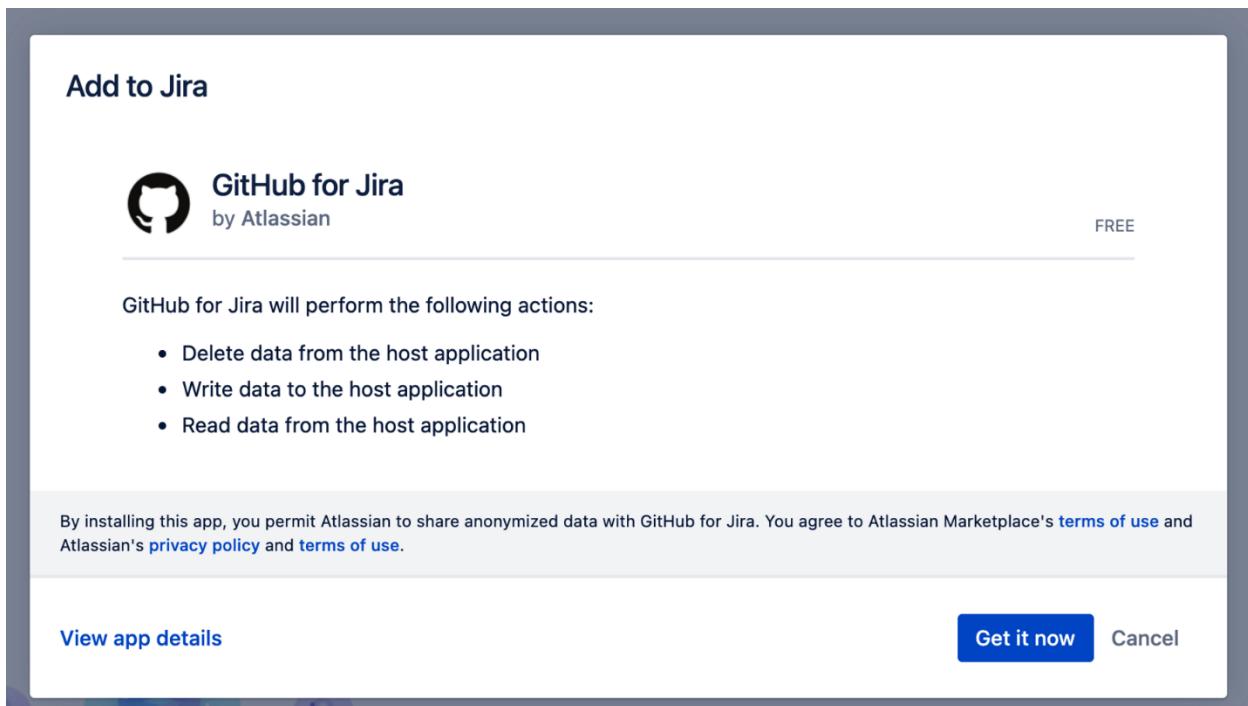
Rename view

Save changes to new view

Delete view

Save changes Discard changes

Use any field as columns in the board view!



The screenshot shows the 'Team Backlog' view in Atlassian Jira Software. It displays four sprints: Sprint 6 (Feb 07 - Feb 27), Sprint 7 (Feb 28 - Mar 20, current), Sprint 8 (Mar 21 - Apr 10), and Sprint 9 (Apr 11 - May 01). Each sprint board contains several user stories with their status (e.g., Done, In Progress, Todo), priority (e.g., v1.0, v1.1), and labels (e.g., bug, Story, UX). The interface includes navigation tabs like Backlog, Epics, Features, Stories, Task Board, and Status Board, along with filters and a 'Save changes' button.

Jira Software Your work Projects Filters Dashboards People Apps Create

Search

Manage Organizations

Apps

ATLASSIAN MARKETPLACE

Find new apps

Manage apps

App requests

Promotions

OAuth credentials BETA

GitHub configuration

Organization: wulfand Added: 14 minutes ago Repos Synced: 0 / 65 (All) Sync Status: IN PROGRESS Last Sync Update: a few seconds ago Retry: Normal Submit

Metadata for commits, branches, and pull requests that use the [Smart Commit syntax](#) will be synced to Jira and appear in the [Development Information](#) panel of the relevant issue.

To view your Organization's updated sync status, [please refresh](#) this page.

Backlog

View was modified

Modifications

Save or discard changes – or save them as a new view.

Layout

Table Board

Configuration

Title, Assignees, Status, Labels, Effort, ...

Level X

Manual sort

assignee:wulfand status:todo

Save changes

Save changes to new view

Discard changes

Rename view

Delete view

assignee:wulfand status:todo

Backlog Epics Features Stories

assignee:wulfand

Epic 1

An epic

Add item

Feature

Some Feature

Add item

Story

Add item

Task

Add item

Enable or disable default workflows

Create your own flexible workflows (coming soon)

Coming soon
Create and edit your own workflows.

Default workflows

- Item added to project
- Item reopened
- Item closed**
- Code changes requested
- Code review approved
- Pull request merged

Item closed

When issue, pull request is:closed
Set Status:Done

Conditional

When item condition
On schedule time interval

Functions

Set value
Archive item
Run Actions workflow

Filter charts using any fields and special macros

Disable status by clicking on them

Flexible time range

Insights

Burn up / CFD

Burn up shows the progress being made towards completion of the project, development flow, and scope changes over time. Use this chart to identify bottlenecks and issues blocking the team from making progress.

Custom range

No Status

Iteration R

Thu 24. Feb 2022

Todo ↗ 15
In Progress ┏ 8
Done ✅ 10

accelerate-devops / ProjectsBeta Private

Code Issues 49 Pull requests 2 Actions Projects 2 Wiki Security Insights ...

Projects Beta 2

Projects 0

Roadmap Private #8 updated 10 seconds ago

Team Backlog Private #2 updated 13 days ago

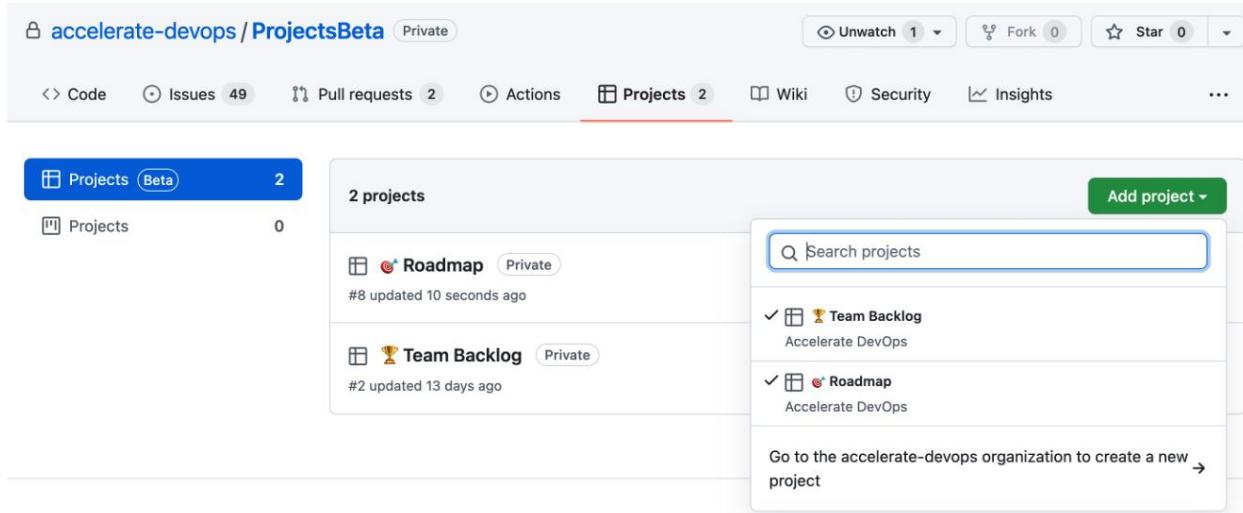
Add project ▾

Search projects

✓ Team Backlog Accelerate DevOps

✓ Roadmap Accelerate DevOps

Go to the accelerate-devops organization to create a new → project



Add to Jira

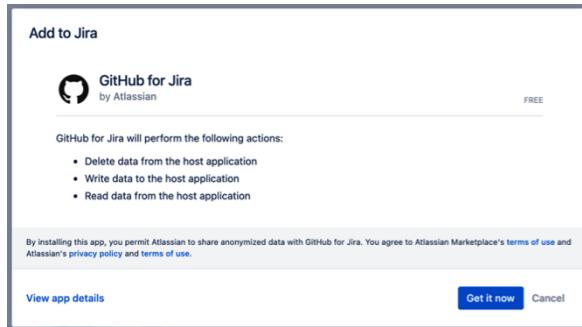
GitHub for Jira by Atlassian FREE

GitHub for Jira will perform the following actions:

- Delete data from the host application
- Write data to the host application
- Read data from the host application

By installing this app, you permit Atlassian to share anonymized data with GitHub for Jira. You agree to Atlassian Marketplace's terms of use and Atlassian's privacy policy and terms of use.

[View app details](#) [Get it now](#) [Cancel](#)



Jira Software Your work Projects Filters Dashboards People Apps Create

Search

Apps

ATLASSIAN MARKETPLACE

Find new apps Manage organizations

Manage apps

App requests

Promotions

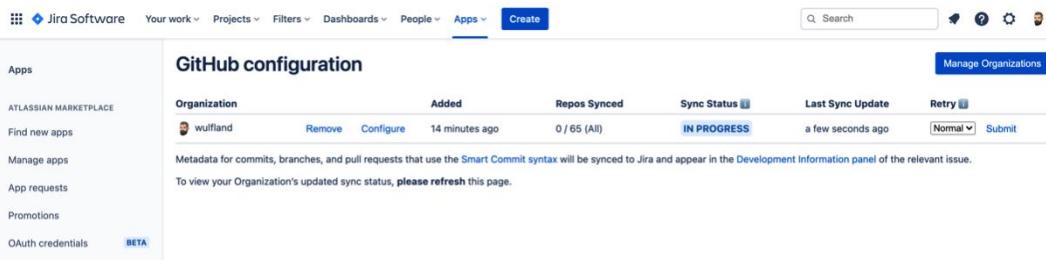
OAuth credentials BETA

GitHub configuration

| Organization | Added | Repos Synced | Sync Status | Last Sync Update | Retry |
|--------------|----------------|--------------|-------------|-------------------|---------------|
| wulfand | 14 minutes ago | 0 / 65 (All) | IN PROGRESS | a few seconds ago | Normal Submit |

Metadata for commits, branches, and pull requests that use the [Smart Commit syntax](#) will be synced to Jira and appear in the [Development Information panel](#) of the relevant issue.

To view your Organization's updated sync status, [please refresh](#) this page.



Jira integration #18

Open wulfland opened this issue now · 0 comments

The screenshot shows a Jira comment editor interface. At the top, there are 'Write' and 'Preview' tabs, along with rich text editing tools. Below the tabs, the text area contains the following content:

```
Set up Jira integration to:  
[GI-1]  
[GI-2]  
Check if linking works...  
[GI-1]: https://kaufm.atlassian.net/browse/GI-1  
[GI-2]: https://kaufm.atlassian.net/browse/GI-2
```

Below the text area, there is a note: "Attach files by dragging & dropping, selecting or pasting them." At the bottom right are 'Cancel' and 'Update comment' buttons.

A red box highlights the two automatically added links: [GI-1] and [GI-2].

Automatically added by the integration. This makes [GI-1] and [GI-2] above working links and is invisible.

The screenshot shows a Jira issue details page for issue #2. At the top, there are buttons for 'Add epic' and 'Add a child issue'. To the right are icons for lock, assignee (1), attachment, and more.

Issue 2

Attach Add a child issue Link issue ...

Description
Add a description...

Activity
Show: All **Comments** History Newest first ↓

Add a comment...
Pro tip: press **M** to comment

To Do

Pinned fields
Click on the **X** next to a field label to start pinning.

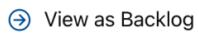
Details

| | |
|-------------|---|
| Assignee | Unassigned |
| Labels | None |
| Development | 2 branches
3 commits
1 pull request |
| Reporter | Michael Kaufmann |

Created 2 hours ago Updated 2 hours ago Configure

A red box highlights the 'Development' section in the details panel.

Board Analytics



 Issues 

| To Do | Doing | Done |
|--|------------|---|
| <p> New item </p> <p> 26 New AB Issue
State  To Do
 2
 Fixes AB#26
Updated just now, Open
 Fixes AB#26
Updated just now</p> | <p>0/5</p> | <p> 25 Add badge to README
State  Done
 2</p> |

X

Settings

Cards

Fields

Styles

Tag colors

Annotations

Board

Columns

Swimlanes

Card reordering

Status badge

General

Backlogs

Working days

Status badge

Summarize your board in a badge that can be included in a ReadMe file or on a dashboard.

Allow anonymous users to access the status badge.

Settings

Configure the details for a badge and copy the resulting URL or Markdown to display the badge with these settings.

- Show "In Progress" columns only
- Include all columns

Preview

 Azure Boards Doing 0

Sample Markdown

[![Board Status](https://dev.azure.com/wulfland/dc3f49e0-ea99-4a3a-b60c-7)]



Image URL

<https://dev.azure.com/wulfland/dc3f49e0-ea99-4a3a-b60c-772563921d52/e6>



Note, badge settings are not saved and can be reconfigured for each badge.

Save and close

Cancel

Chapter 3: Teamwork and Collaborative Development



The screenshot shows a terminal window titled "man git" with the subtitle "Git Manual". The window has three panes: left, right, and bottom. The left pane contains the "NAME" section with the command "git - the stupid content tracker". The right pane contains the "SYNOPSIS" section with the command-line options for "git". The bottom pane contains the "DESCRIPTION" section, which provides an overview of Git as a fast, scalable, distributed revision control system. It also includes links to "gittutorial(7)", "giteveryday(7)", and the "Git User's Manual[1]". Additionally, it suggests learning individual Git commands via "git help command" and provides links to the latest documentation at <https://git.github.io/htmldocs/git.html> or <https://git-scm.com/docs>.

```
man git
GIT(1)                               Git Manual                               GIT(1)

NAME
git - the stupid content tracker

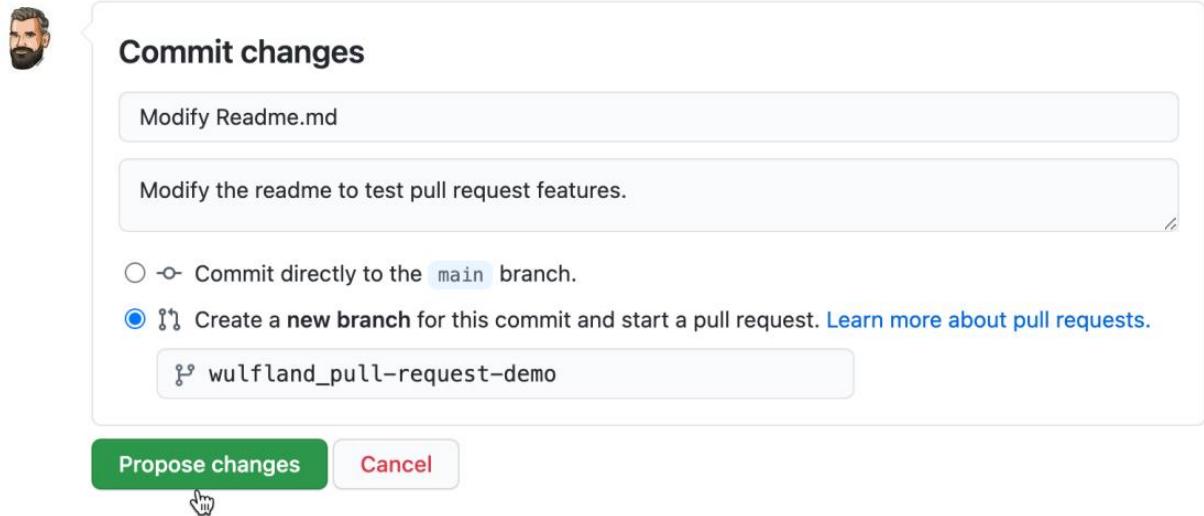
SYNOPSIS
git [--version] [--help] [-C <path>] [-c <name>=<value>]
      [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
      [-p|--paginate|-P|--no-pager] [--no-replace-objects] [--bare]
      [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
      [--super-prefix=<path>] [--config-env=<name>=<envvar>]
      <command> [<args>]

DESCRIPTION
Git is a fast, scalable, distributed revision control system with an
unusually rich command set that provides both high-level operations and
full access to internals.

See gittutorial(7) to get started, then see giteveryday(7) for a useful
minimum set of commands. The Git User's Manual[1] has a more in-depth
introduction.

After you mastered the basic concepts, you can come back to this page
to learn what commands Git offers. You can learn more about individual
Git commands with "git help command". gitcli(7) manual page gives you
an overview of the command-line command syntax.

A formatted and hyperlinked copy of the latest Git documentation can be
viewed at https://git.github.io/htmldocs/git.html or
https://git-scm.com/docs.
```



The screenshot shows the GitHub repository page for 'kaufm / AccelerateDevOps'. The repository was forked from 'wulfland/AccelerateDevOps'. The page includes standard navigation links: Code, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings.

Open a pull request

The change you just made was written to a new branch named `kaufm_pull-request`. Create a pull request below to propose these changes.

The screenshot shows the GitHub 'Create pull request' dialog. It features a red box highlighting the merge status: 'base: main' and 'compare: kaufm_pull-request' with a green checkmark and the text 'Able to merge. These branches can be automatically merged.' Below this is a text editor with the file 'Modify Readme.md' open, showing the content 'Test pull request features.' A red arrow points to the 'Create pull request' button at the bottom right. To the right of the editor are sections for Reviewers, Assignees, Labels, Projects, and Milestone, each with a gear icon. At the bottom are 'Helpful resources' and a link to 'GitHub Community Guidelines'.

ⓘ Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

[GitHub Community Guidelines](#)

Modify Readme.md #1

[Edit](#)[Open with ▾](#)

 [Open](#) kaufm wants to merge 1 commit into [main](#) from [kaufm_pull-request](#) 

[Conversation 0](#)[Commits 1](#)[Checks 0](#)[Files changed 1](#)

Changes from all commits ▾

File filter ▾

Conversations ▾

Jump to ▾



0 / 1 files viewed

[Review changes ▾](#)

7  ch3_pull-request/Readme.md 

↑ @@ -6,15 +6,16 @@ In Chapter 3 – _Teamwork and Collaborative Development_ we learn how to collabora
6 6
7 7 2. Delete the following line:
8 8
9 - __Delete this line__

Write Preview              

Add a comment to the change

Attach files by dragging & dropping, selecting or pasting them. 

Cancel Add single comment Start a review

10 9
11 10 3. Add one or two lines here with a random text:
12 11
13 - --•--
12 + Random Text 1
13 + 1 2 3 4 5...
14 + More Text
14 15
15 16 4. Modify the following line by removing the letters that do not belong:
16 17
17 - --> The ccow jumpedd ovverr thhe mooon__
18 + --> The cow jumped over the moon__
18 19
19 20 5. Commit your changes into a new _branch_:
20 21
...

💡 **ProTip!** Use [n](#) and [p](#) to navigate between commits in a pull request.

Modify Readme.md #1

Edit Open with ▾

Draft kaufm wants to merge 1 commit into `main` from `kaufm_pull-request`

Conversation 1 Commits 1 Checks 0 Files changed 1 +4 -3

Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾ 0 / 1 files viewed Review changes ▾

ch3_pull-request/Readme.md

@@ -6,15 +6,16 @@ In Chapter 3 – _Teamwork and Collaborative Development_ we learn how to collabora
6 6
7 7 2. Delete the following line:
8 8
9 - __Delete this line__

kaufm 20 hours ago Author Owner Add a comment to the change

Reply... Resolve conversation

Viewed Show comments View file **Edit file** Delete file Open in desktop

Commit changes

Update Readme.md

Add an optional extended description...

Commit directly to the `kaufm_pull-request` branch.

Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit changes Cancel

Modify Readme.md #1

[Edit](#)[Open with ▾](#)

Draft

kaufm wants to merge 2 commits into `main` from `kaufm_pull-request` [Conversation 1](#)[Commits 2](#)[Checks 0](#)[Files changed 1](#)

+5 -3

[Changes from 1 commit ▾](#)[File filter ▾](#)[Clear filters](#)[Conversations ▾](#)[Jump to ▾](#)[Review changes ▾](#)

Update Readme.md

[◀ Prev](#) [Next ▶](#)

kaufm_pull-request (#1)

kaufm committed 3 minutes ago

[Verified](#)

commit ea34dd8ca3834ca9e823c6e842aa29ccd3ee9125

1 ch3_pull-request/Readme.md

...

@@ -6,6 +6,7 @@ In Chapter 3 – _Teamwork and Collaborative Development_ we learn how to collabo

6 6

7 7 2. Delete the following line:

8 8

9 + Add something new

[Write](#)[Preview](#)

H B I

Leave a comment



Attach files by dragging & dropping, selecting or pasting them.

[Cancel](#)[Add single comment](#)[Start a review](#)

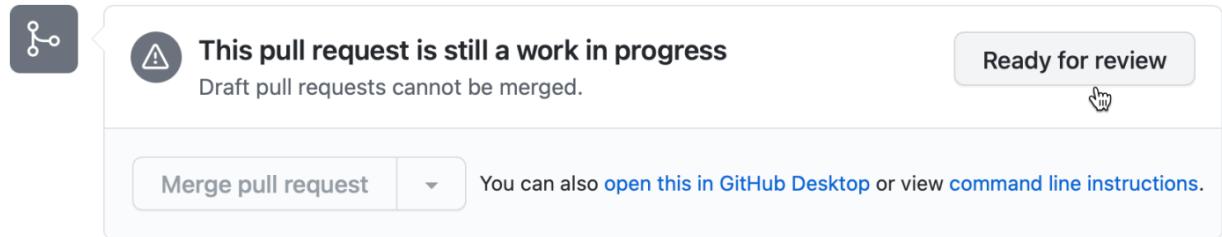
Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

The screenshot shows the GitHub interface for updating a file named 'README.md'. At the top, it says 'base: main' and 'compare: kaufm-patch-1'. A green checkmark indicates 'Able to merge'. On the right, there are sections for 'Reviewers', 'Assignees', 'Labels', 'Projects', 'Milestone', and 'Helpful resources'. Below these are buttons for 'Create pull request' (which is greyed out) and 'Create draft pull request' (which is blue). A tooltip for 'Create draft pull request' explains: 'Cannot be merged until marked ready for review'. At the bottom left, it shows '-o 1 commit' and '+ 1 file changed'. A note at the bottom left says: 'Remember, contributions to this repository should follow our [GitHub Community Guidelines](#)'.

Modify Readme.md #1

The screenshot shows a GitHub pull request with the number '#1'. It has a 'Draft' button. The title is 'kaufm wants to merge 2 commits into main from kaufm_pull-request'. Below the title are tabs for 'Conversation' (2), 'Commits' (2), 'Checks' (0), and 'Files changed' (1). A comment from 'kaufm' is shown, dated 3 days ago, with the message 'Test pull request features.' To the right of the comment are 'Owner', a smiley face icon, and three dots for more options. At the bottom left, it says 'Symbol for draft pull requests'.



A screenshot of the GitHub settings page for a repository named "kaufm / AccelerateDevOps". The "Settings" tab is selected. On the left, a sidebar lists various settings categories: Options, Manage access, Security & analysis, **Branches**, Webhooks, Notifications, Integrations, Deploy keys, Actions, Environments, Secrets, Pages, and Moderation settings. The "Branches" category is currently active. The main content area is titled "Branch protection rule" and shows a "Branch name pattern" set to "main". Under "Protect matching branches", several rules are listed:

- Require pull request reviews before merging**: When enabled, all commits must be made to a non-protected branch and submitted via a pull request with the required number of approving reviews and no changes requested before it can be merged into a branch that matches this rule.
Required approving reviews: 2
- Dismiss stale pull request approvals when new commits are pushed**: New reviewable commits pushed to a matching branch will dismiss pull request review approvals.
- Require review from Code Owners**: Require an approved review in pull requests including files with a designated code owner.
- Require status checks to pass before merging**: Choose which [status checks](#) must pass before branches can be merged into a branch that matches this rule. When enabled, commits must first be pushed to another branch, then merged or pushed directly to a branch that matches this rule after status checks have passed.
- Require conversation resolution before merging**: When enabled, all conversations on code must be resolved before a pull request can be merged into a branch that matches this rule. [Learn more](#).

A screenshot of the GitHub "Reviewers" section. It shows a list of reviewers: "totosan" and "Still in progress? Convert to draft". A callout bubble from "totosan" says "Request review from totosan" with a "Request" button. There's also a gear icon for settings.

Code review assignment

Enable auto assignment
This will automatically route this team's code review requests to individual team members.

How many team members should be assigned to review?

2 ▾

Routing algorithm

Load balance ▾

Never assign certain team members
wulfland ▾

Notifications

If assigning team members, don't notify the entire team.

Save changes

Note: this won't assign members who have committed to the pull request or have set their status to Busy.

Modify Readme.md #1

Open kaufm wants to merge 2 commits into `main` from `kaufm_pull-request` ▾

Conversation 2 Commits 2 Checks 0 Files changed 1 Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾ Review changes ▾

0 / 1 files viewed

Progress of files viewed

Mark file as viewed

Edit Open with ▾ +5 -3

Viewed

ch3_pull-request/Readme.md

@@ -6,15 +6,17 @@ In Chapter 3 – _Teamwork and Collaborative Development_ we learn how to collabo

6 6

7 7 2. Delete the following line:

8 8

9 - __Delete this line__

kaufm 3 days ago Author Owner

Add a comment to the change

Reply...

Resolve conversation

kaufm-pull-req... AccelerateDevOps / ch3_pull-request / src / app.js / <> Jump to Go to file ...

wulfland Add sample code to test suggestions Latest commit 23433d5 1 hour ago History

1 contributor

10 lines (8 sloc) | 203 Bytes

Raw Blame  

```
1 function toRomanNumerals(num) {  
2     return num;  
3 }  
4  
5 var numbers = [3,4,5,13,42,2021];  
6  
7 for ( i in numbers ) {  
8     number = numbers[i]  
9     console.log(`Roman for ${number} is ${toRomanNumerals(number)}`);  
10 }
```

Update Create-PullRequest.md #3

[Edit](#)[Open with ▾](#)[Open](#)kaufm wants to merge 2 commits into `main` from `kaufm-pull-request` |[Conversation 0](#)[Commits 2](#)[Checks 0](#)[Files cha](#)

+14 -4

Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾ ⚙ ▾ 1 / 2 files viewed ⓘ Review changes ▾

> ↗ 7 ch3_pull-request/Create-PullRequest.md

Viewed ...

11 ch3_pull-request/src/app.js

Viewed ...

```
... ... @@ -1,5 +1,14 @@  
1 1 function toRomanNumerals(num) {  
2 -   return num;  
3 +   var lookup = { M:1000,CM:900,D:500,CD:400,C:100,XC:90,L:50,XL:40,X:10,IX:9,V:5,IV:4,I:1 };  
4 +   var roman = '';  
5 +   var i;  
6 +   for ( i in lookup ) {  
7 +     while ( num >= lookup[i] ) {  
8 +       roman += i;  
9 +       num -= lookup[i];  
 }  
 }  
 }  
Commenting on lines +6 to +9
```

Write Preview  H B I         

```
```suggestion  
while (num >= lookup[i]) {
 roman += i;
 num -= lookup[i];
}
```
```

Attach files by dragging & dropping, selecting or pasting them.

Cancel Add single comment Start a review

Update Create-PullRequest.md #3

I1 Open kaufm wants to merge 2 commits into `main` from `kaufm-pull-request`

Conversation 0 Commits 2 Checks 0 Files changed 2 +14 -4

Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾ Commit suggestions 1 ▾ 1 / 2 files viewed Review changes

Commit suggestions

Apply suggestions from code review

Add an optional extended description...

Comment on lines +6 to +9

kaufm 1 minute ago Author Owner

Suggested change

```
6 -     while ( num >= lookup[i] ) {  
7 -         roman += i;  
8 -         num -= lookup[i];  
9 -     }  
6 +     while ( num >= lookup[i] ) {  
7 +         roman += i;  
8 +         num -= lookup[i];  
9 +     }
```

Pending in batch Remove from batch Commit suggestions 1

Reply... Resolve conversation

The screenshot shows a GitHub pull request interface. At the top, there's a green button labeled 'I1 Open' and a message 'kaufm wants to merge 2 commits into main from kaufm-pull-request'. Below this are navigation links for Conversation (0), Commits (2), Checks (0), and Files changed (2). A status bar indicates '+14 -4' with green and red bars. A 'Commit suggestions' button is highlighted with a red box and an arrow pointing to it. The main area shows a diff view for a file named 'ch3_pull-request'. A specific line range from +6 to +9 is highlighted with a green background. A comment from 'kaufm' is visible, suggesting a change to the code. At the bottom, there are buttons for 'Pending in batch', 'Remove from batch', and 'Commit suggestions 1'. The entire 'Commit suggestions' section and the 'Remove from batch' button are also highlighted with red boxes.

Update Create-PullRequest.md #3

Open kaufm wants to merge 3 commits into `main` from `kaufe-pull-request`

Conversation 1 Commits 3 Checks 0 Files changed 2

Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾

1 / 2 files viewed Finish your review 2

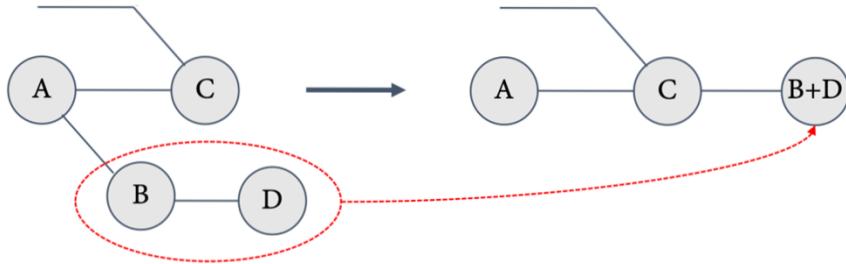
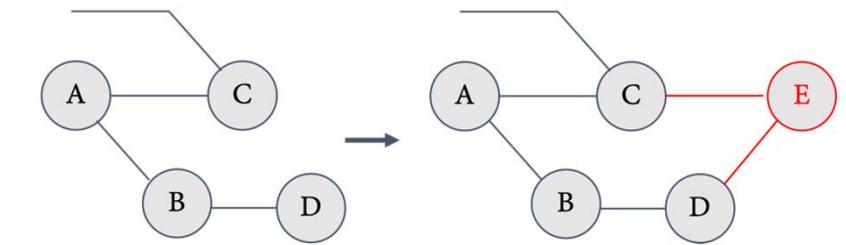
Number of comments

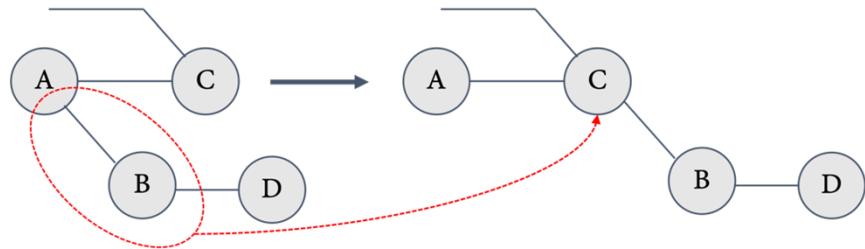
Add final comment

Approve, comment or Request changes

Submit review

The screenshot shows a GitHub pull request interface. At the top, it says "kaufm wants to merge 3 commits into main from kaufe-pull-request". Below this are tabs for Conversation, Commits, Checks, and Files changed (with 2 changes). A progress bar indicates "1 / 2 files viewed". On the right, there's a "Finish your review" button with a dropdown showing "2 pending comments". The main area shows a code diff for "ch3_pull-request/Create-PullRequest.md" with 11 changes. A comment from "wulfand" is visible, saying "Pending" and "Better with blanks!". Below the code is a "Reply..." input field. To the right of the code diff is a "Finish your review" interface with "Write" and "Preview" tabs, and buttons for "Comment", "Approve", and "Request changes". The "Approve" option is selected. At the bottom of this interface is a "Submit review" button.





Add more commits by pushing to the `kaufm-pull-request` branch on [kaufm/AccelerateDevOps](#).

Merge the pull request

 This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Create a merge commit
All commits from this branch will be added to the base branch via a merge commit.

Squash and merge
The 3 commits from this branch will be combined into one commit in the base branch.

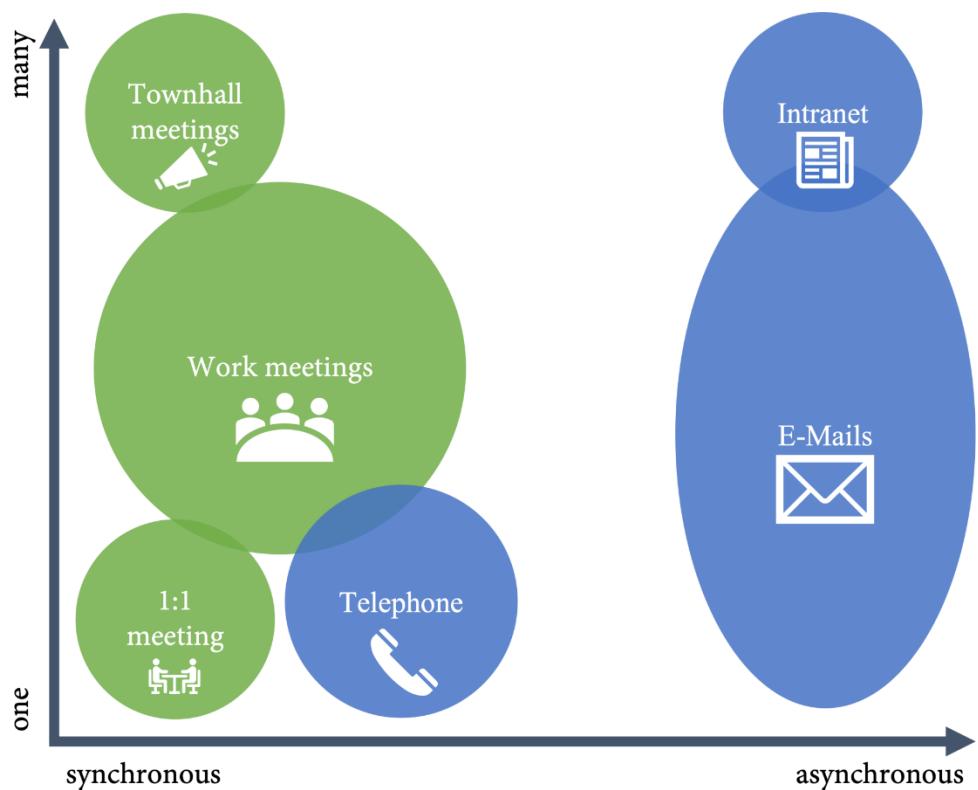
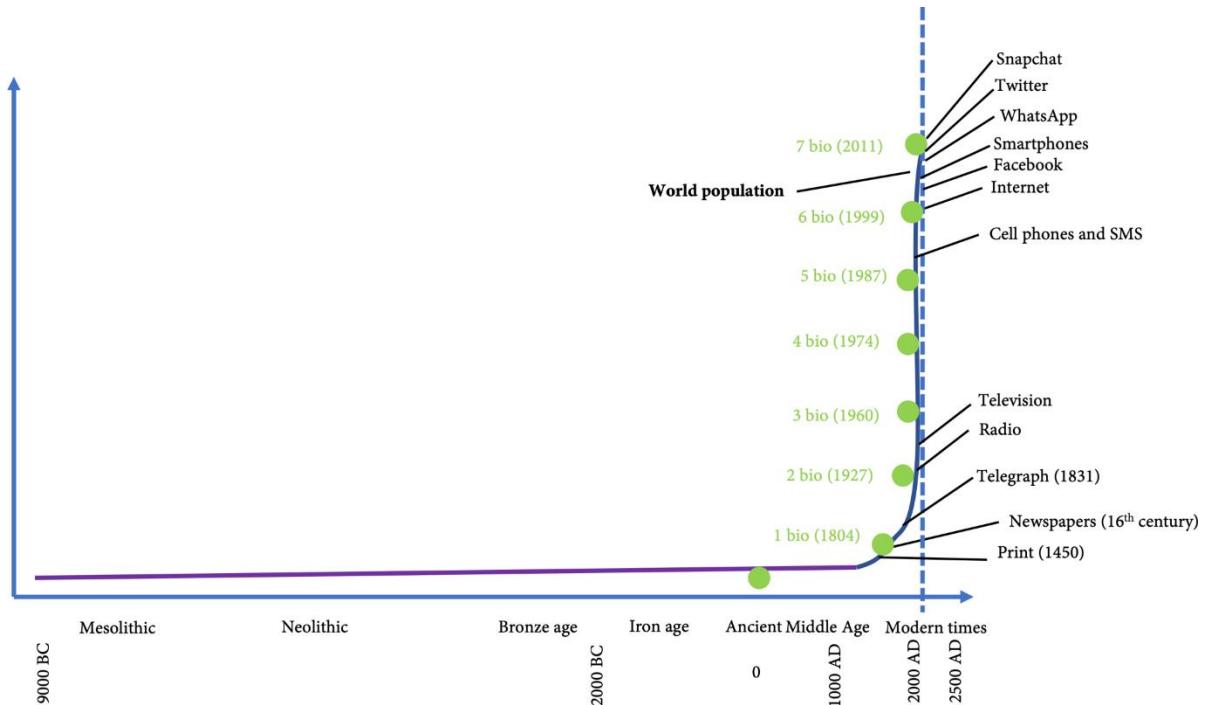
Rebase and merge
The 3 commits from this branch will be rebased and added to the base branch.

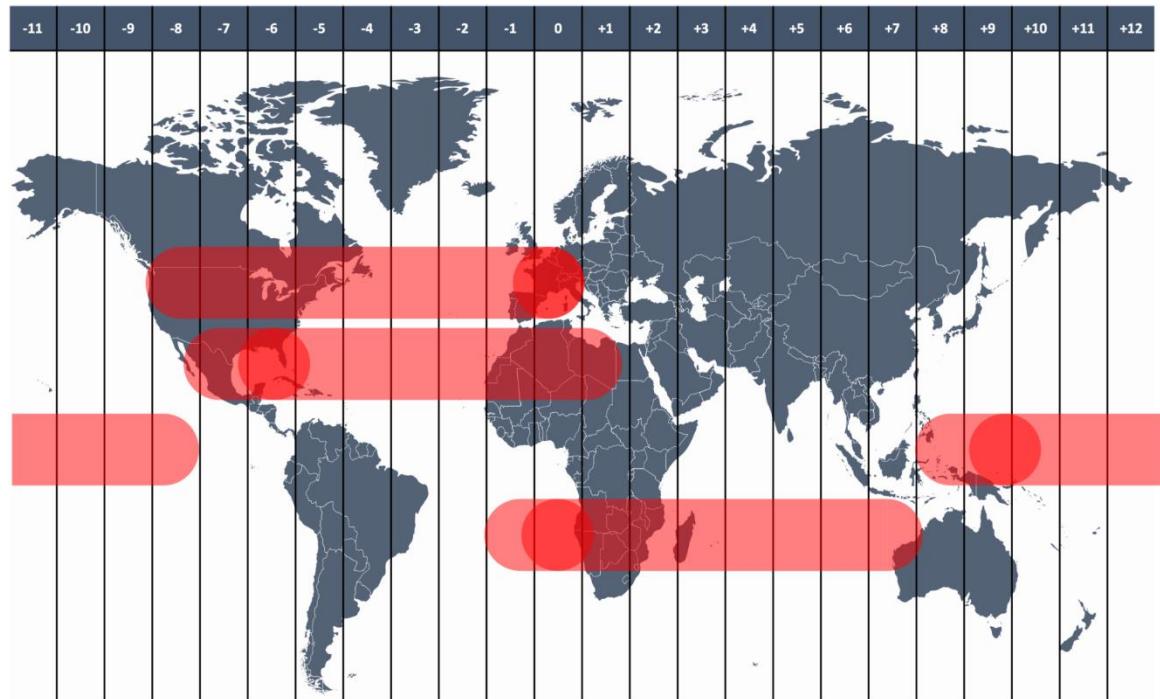
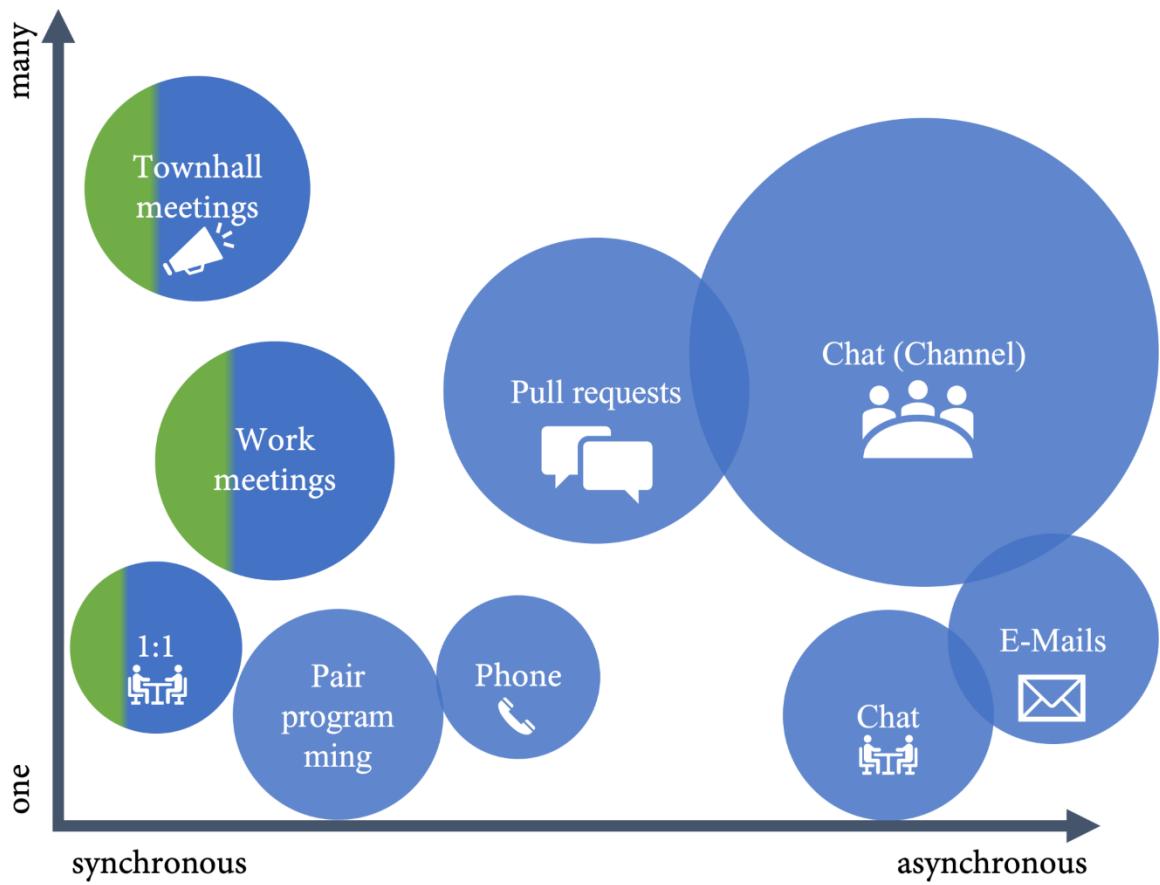
[Close pull request](#) [Comment](#)

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Close the pull request without merging

Chapter 4: Asynchronous Work: Collaborate from Anywhere







Select or type a command

subscribe

Subscribe to notifications for a repository or a...

unsubscribe

Unsubscribe from notifications for a repository...

subscribe list

List all active subscriptions in this channel

subscribe list features

List all active subscriptions with subscribed fea...

help

To learn more about @github

signin

Connect your GitHub account

schedule

Configure reminder for pending pull request r...

unschedule

Remove reminder for pending pull request revi...

schedule list

List scheduled reminders on this channel

+ Create issue

Create an issue

GitHub|





GitHub 10:25

wulfland/AccelerateDevOps

Issue opened by @wulfland on 22 Sep 2...

A new issue from Microsoft Teams #43

Open

This issue was created in teams.

Assignees: No one

Labels: None yet

[Comment](#)

[Close issue](#)

Leave a comment here...

[Submit](#)

Reply

wulfland / AccelerateDevOps

Pinned discussions

Announcements
Welcome to AccelerateDevOps Discussions!

Search and filter

Categories

- View all**
- Announcements
- General
- Ideas
- Q&A
- Show and tell

Leader board (most helpful members)

| | Last 30 days |
|----------|--------------|
| wulfland | 2 |
| kaufm | 1 |

Community guidelines

Beta Give feedback

upvote

Discussions / Threats

comments and resolved state

Start a new discussion

Category and title

The title for the new discussion

Write Preview

Ask a question using mentions @wulfland, references to pull requests #13 , issues #1 or other discussions #24.

Also use code and emojis :shipit:

```
```javascript
var x = 1;
```

```

Full markdown support

Attach files

Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported

Start discussion

Labels

question requirement

Helpful resources

GitHub Community Guidelines

Beta Give feedback

Apply labels

The title for the new discussion #28

Upvote discussion 1

Unanswered wulfland asked this question in Q&A

wulfland 1 minute ago Maintainer

Ask a question using mentions @wulfland, references to pull requests #13, issues #1 or other discussions #24.

Also use code and emoticons 😊

```
var x = 1;
```

Add emoticons

1 suggested answer

wulfland now Maintainer | Author

Write the first answer...

Reply to an answer...

Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported

Cancel Reply

Category Q&A

Labels question requirement

1 participant

Notifications Unsubscribe

You're receiving notifications because you're watching this repository.

Lock conversation Transfer discussion Pin discussion Create issue from discussion Delete discussion

Give feedback

Menu (for Admins)

Code Issues 25 Pull requests 29 Discussions Actions Projects Wiki Security Insights Settings

Options Manage access Security & analysis Branches Webhooks Notifications Integrations Deploy keys Autolink references Actions Environments Secrets Pages

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more](#).

Branch: main

/ (root) Save

Theme Chooser

Select a theme to publish

Select folder

/ (root) /docs

Publish privately to people with read access to this repository

Try it risk-free for 14 days using a GitHub Enterprise organization, or [learn more](#) about changing the visibility of your GitHub Pages site.

wulfland / AccelerateDevOps

Code Issues 4 Pull requests Discussions Actions Projects 1 Wiki Security Insights Settings

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is published at <https://wulfland.github.io/AccelerateDevOps/>

Source

Your GitHub Pages site is currently being built from the /docs folder in the main branch. [Learn more.](#)

Branch: main /docs Save

Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Your site is currently using the Minima theme.

Change theme

Custom domain

Custom domains allow you to serve your site from a domain other than wulfland.github.io. [Learn more.](#)

Save Remove

Enforce HTTPS

— Required for your site because you are using the default domain (wulfland.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

Accelerate DevOps with GitHub

Get started About markdown About

Static Pages

This is the homepage `index.md` of the type `home`. Pages are displayed in the top menu and Posts after this section.

Use the following page header for the homepage:

```
---  
layout: home  
---
```

To see excerpts of your posts and not only the heading add `show_excerpts: true` to your `_config.yml`.

Homepage content

Posts

Aug 13, 2021

Posting in Jekyll

Creating individual blog posts in GitHub pages is easy. In this post I will show you the basics.

Aug 12, 2021

Writing Posts with Markdown

You can use markdown to write and format your blog posts. In this post I will show you how to use markdown syntax to create nice looking posts.

Aug 10, 2021

Posting Source Code

Source code can be inline or as blocks. Blocks can have syntaxhighlighting for many different languages.

subscribe via RSS

Posts with excerpts

Accelerate DevOps with GitHub

Accelerate DevOps with GitHub

wulfland

mike_kaufmann

This is a sample Jekyll website that is hosted in GitHub Pages. It demonstrates how to create nice content using markdown.

This is the homepage `index.md` of the type `home`. `Pages` are displayed in the top menu and `Posts` after this section.

Use the following page header for the homepage:

```
---
```

```
layout: home
```

```
---
```

To see excerpts of your posts and not only the heading add `show_excerpts: true` to your `_config-yml`.

Posts

Aug 14, 2021

[My Post](#)

This my first blog post on `Jekyll`!

Aug 13, 2021

[Posting in Jekyll](#)

Creating individual blog posts in GitHub pages is easy. In this post I will show you the basics.

wulfland / AccelerateDevOps

Unwatch 1 Star 0 Fork 1

Code Issues 4 Pull requests Discussions Actions Projects 1 Wiki Security Insights Settings

Home
Michael Kaufmann edited this page 13 minutes ago · 4 revisions

Welcome to the AccelerateDevOps wiki!

This is a simple wiki to share content.

Linking to pages

A link to a [New Page](#) will be displayed in red until you click the link and the page is automatically created. If you want the link text to be different from the page name you can use [this syntax](#): `[[link text|page name]]`

Markdown

You can use markdown to format your page - including images, emoticons , and source code.

```
nextWhenVisible() {
  // Don't call next when the page isn't visible
  // or the carousel or its parent isn't visible
  if (!document.hidden && isVisible(this._element)) {
    this.next()
  }
}
```

Pages 4 All pages

Home

- Page 1
 - Page 1.1
 - Page 1.2
- Page 2
 - Page 2.1 (Click to open)
 - Page 2.1.1
 - Page 2.1.2

Sidebar

Clone this wiki locally

<https://github.com/wulfland/AccelerateDevOps>

URL to wiki repo

Home | About
This is a custom footer that is displayed on every site

Footer

Auto-generated ToC for all markdown files in GitHub

167 lines (122 sloc) | 3.09 KB

Filter headings

Header 1

Head 1.1

Head 1.2

HEAD 1.2.1

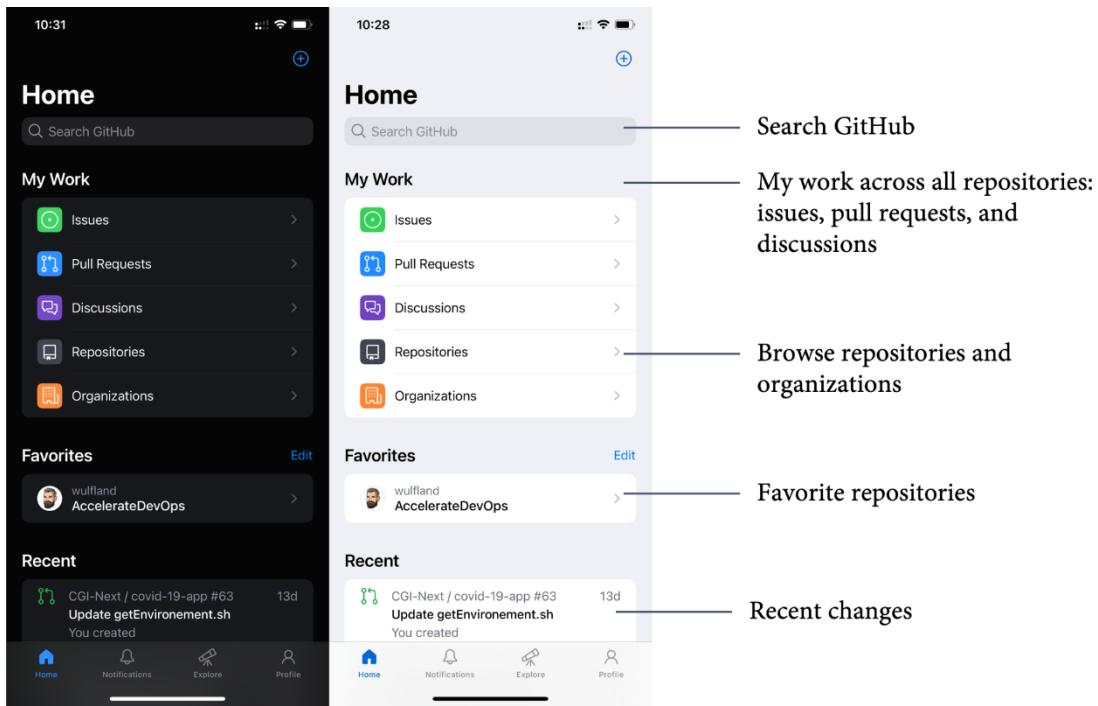
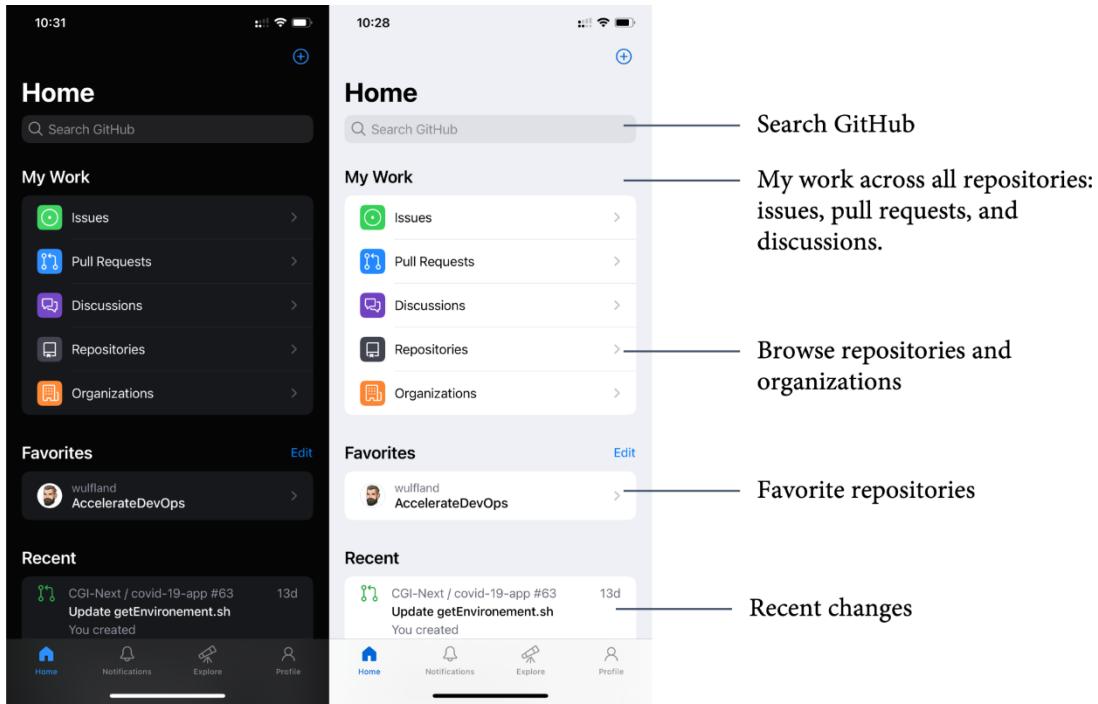
HEAD 1.2.2

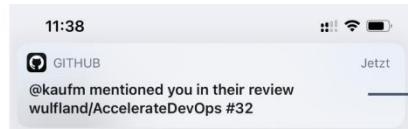
Head 1.3

HEAD 1.3.1

HEAD 1.3.2

an build a custom wiki usi
changes and you have the
Code extensions that can

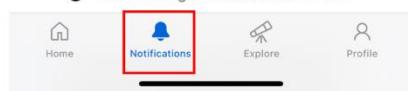




Configure notifications

- wulfland / 1mo 1 Save ✓ Done
A security vulnerability in addressable affects at least one of your repositories
@ ### Impact
- microsoft / 3mo
Consider adding support for `win` in key bindings?
:tada: This issue was addressed in #...
- CGI-Next / 3mo 1
A security vulnerability in lodash affects at least one of your repositories in the CGI-Next organization
 lodash versions prior to 4.17.21 ar...
- CGI-Next / 3mo 1
A security vulnerability in url-parse affects at least one of your repositories in the CGI-Next organization
 url-parse before 1.5.0 mishandles c...
- wulfland / 4mo 1
A security vulnerability in rxml affects at least one of your repositories
 The REXML gem before 3.2.5 in Ru...

Configure right and left swipe options for your inbox



11:07

wulfland / AccelerateDevOps #32

Implement toRomanNumerals function

kaufm · 23m

See my solution for the toRomanNumerals(num) function.

2 files changed +15 -4 >

4 commits 11 days ago

Reviews

Ready to merge

Merge Pull Request

Comment

Assignees Edit

11:07

Back Files Settings

_--request/Create-PullRequest.md

ch3_pull-request/src/app.js

```
@@ -1,5 +1,15 @@
1 function toRomanNumerals(num) {
2 - return num;
2 + var lookup =
3 { M:1000,C:900,D:500,C:400,C:100,XC:90,L:50,
4 ,XL:40,X:10,IX:9,V:5,IV:4,I:1 };
3 + var roman = '';
4 + var i;
5 + for ( i in lookup ) {
6 + while ( num >= lookup[i] ) {
7 +
8 + roman += i;
9 + num -= lookup[i];
10 +
11 + }
12 + }
13 + return roman;
14 + }
```

wulfland · now Owner Pending

Comment from mobile app 🙌

Reply 1

Review Changes

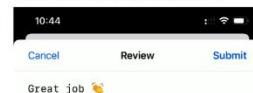
Jump to file

Collapse files when done with review

Code with optional line wrapping

Comment & collaborate

Submit review results:



Approve

Submit feedback and approve merging these changes.

Leave a comment

Submit general feedback without explicit approval.

Request changes

Submit feedback that must be addressed before merging.

Chapter 5: Influence of Open and Inner Source on Software Delivery Performance

The screenshot shows two main sections of the GitHub interface.

curl Organization Page:

- Header:** curl logo, "curl groks those URLs", URL https://curl.se/, Verified badge.
- Sponsorship:** "Sponsor a project or person" button.
- Pinned Repositories:** curl (Command line tool and library for transferring data with URL syntax), curl-www (The curl and libcurl website contents), curl-up (All things related to the curl up conference series).
- Repositories:** Find a repository... search bar, Type, Language, Sort dropdowns.
- People:** People section showing profile icons.
- Sponsors:** Sponsors section showing profile icons.

Dennis Doomen GitHub Profile:

- User Profile:** Dennis Doomen (@denniscoomen) from The Hague, Netherlands.
- Bio:** I'm the author of [Fluent Assertions](#), a very popular .NET assertion framework, [Chill](#), a BDD-style testing framework that helps you write better unit tests, [Liquid Projections](#), a set of libraries for building Event Sourcing architectures and I've been maintaining [Coding Guidelines for C#](#) on since 2001. I also keep a blog on my [everlasting quest for better solutions](#) and you can reach me on Twitter through [@ddoomen](#).
- Financial Information:** I use my sponsor funds to:
 - explain my wife that those thousands of hours I spent in the evenings were not wasted
 - domain names for all the projects I maintain
 - development licenses and tools
 - help me save for a better development rig
- Contributions:** I also share a part of the funds with my partner-in-crime [Jonas Nyrup](#), who has been helping maintain Fluent Assertions for the last three years.
- Sponsorship:** Sponsor as a yourself for on behalf of your organization. Select a tier: \$5 a month (Durasteel Monthly Sponsor), \$10 a month (Carbonite Monthly Sponsor), \$25 a month (Beskar Monthly Sponsor). For each tier, benefits include a badge on profile, shoutout on Twitter, and name on repository/landing page.
- Featured Work:** fluentassertions/fluentassertions (Fluent API for asserting the results of unit tests targets .NET Framework 4.5, 4.7, .NET Standard 1.3, 1.6 and 2.0. Supports the unit test frameworks MSTest, MSTest2, Gallo, NUnit, XUnit, MbUnit), denniscoomen/CSharpGuidelines (A set of coding guidelines for C# 5.0, C# 6.0 and C# 7.0, design principles and layout rules for improving the overall quality of your code development).

Become a sponsor to Jan De Dobbeleer



Jan De Dobbeleer
JanDeDobbeleer
Diest, Belgium

CTO, Microsoft MVP, GitKraken Ambassador and creator/maintainer of [oh-my-posh](#), a prompt theming engine for Powershell and beyond.

What started out as a way to enjoy my own CLI experience when working on Windows, resulted in a tool that brings joy all over the world. Sponsoring me will allow me to keep working on providing support for more use-cases and platforms, extending the happiness to the world!

Don't have much to spare? [Nominating me](#) as a GitHub Star also helps a lot!

10 sponsors are funding JanDeDobbeleer's work.



@JanDeDobbeleer's goal is to have 10 sponsors
Reaching this goal will allow me to pay for a Windows license to keep supporting the platform it all started from.



Featured work



[JanDeDobbeleer/oh-my-posh](#)

A prompt theme engine for any shell.

Go

2,213



[JanDeDobbeleer/homebrew-oh-my-posh](#)

Homebrew formula for Oh my Posh

Ruby

1

90% towards 10 sponsors goal

feoh and 8 others sponsor this goal

Goal for amount of
money or number of
sponsors

Sponsor as wulfland

Hover to review the badge you'll get that shows @JanDeDobbeleer you're a sponsor.

Select a tier

Monthly One-time

\$ 10 ✓ a month

Select

Choose a custom amount.

\$1 a month

Select

A friend wouldn't hesitate 😊

\$3 a month

Select

Buy me a coffee ❤️

\$10 a month

Select

Some more coffee? ☕

Chapter 6: Automation with GitHub Actions

The image shows two screenshots of the GitHub interface. The top screenshot is from the repository 'wulfland/getting-started' and illustrates how to manage repository secrets. It highlights the 'Actions secrets (default)' section in the sidebar and the 'New repository secret' button in the main pane. A red arrow points from the 'New repository secret' button to a modal window titled 'Actions secrets / New secret' where a secret named 'YOUR_SECRET_NAME' is being added. The bottom screenshot is from the repository 'kaufm/getting-started' and shows the 'Get started with GitHub Actions' page. It highlights the 'Actions' tab in the navigation bar. A red arrow points from the 'Actions' tab to the 'Set up this workflow' button for the '.NET' template, which is part of the 'Workflows made for your repository' section. Another red arrow points from the 'Actions' tab to the 'Deploy your code with these popular services' section, which includes options like 'Deploy Node.js to Azure Web App', 'Deploy to Alibaba Cloud ACK', and 'Deploy to Amazon ECS'.

Actions secrets (default)

Environment secrets

Repository secrets

Switch to secrets for Codespaces or Dependabot

Actions

Secrets

Actions Codespaces Dependabot

Pages

Moderation settings

New repository secret

Actions secrets

Secrets are environment variables that are encrypted. Anyone with collaborator access to this repository can use these secrets for Actions. Secrets are not passed to workflows that are triggered by a pull request from a fork. [Learn more](#).

Environment secrets

CONNECTION_STRING Dev Updated 4 minutes ago Manage environment

CONNECTION_STRING Test

CONNECTION_STRING Prod

Repository secrets

SERVICE_ACCOUNT

Actions secrets / New secret

Name: YOUR_SECRET_NAME

Value:

Add secret

Watch 0 Star 0 Fork 2

Code Pull requests 1 Actions Projects Wiki Security Insights Settings

Get started with GitHub Actions

Build, test, and deploy your code. Make code reviews, branch management, and issue triaging work the way you want. Select a workflow template to get started. Skip this and set up a workflow yourself →

Workflows made for your repository (Suggested)

.NET Desktop By GitHub Actions Build, test, sign and publish a desktop application built on .NET. Set up this workflow

.NET By GitHub Actions Build and test a .NET or ASP.NET Core project. Set up this workflow

Proposed templates depend on the code in the repository

Deploy your code with these popular services

Deploy Node.js to Azure Web App By Microsoft Azure Build a Node.js project and deploy it to an Azure Web App. Set up this workflow

Deploy to Alibaba Cloud ACK By Alibaba Cloud Deploy a container to Alibaba Cloud Container Service for Kubernetes (ACK). Set up this workflow

Deploy to Amazon ECS By Amazon Web Services Deploy a container to an Amazon ECS service powered by AWS Fargate or Amazon EC2. Set up this workflow

Name of your workflow file in .github/workflows

getting-started /github/workflows / dotnet.yml in master

Cancel changes Start commit

```

1 name: .NET
2
3 on:
4   push:
5     branches: [ master ]
6   pull_request:
7     branches: [ master ]
8
9 jobs:
10 build:
11
12   runs-on: ubuntu-latest
13
14   steps:
15     - uses: actions/checkout@v2
16     - name: Setup .NET
17       uses: actions/setup-dotnet@v1
18       with:
19         dotnet-version: 3.1.x
20     - name: Restore dependencies
21       run: dotnet restore
22     - name: Build
23       run: dotnet build --no-restore
24     - name: Test
25       run: dotnet test --no-build --verbosity normal
26

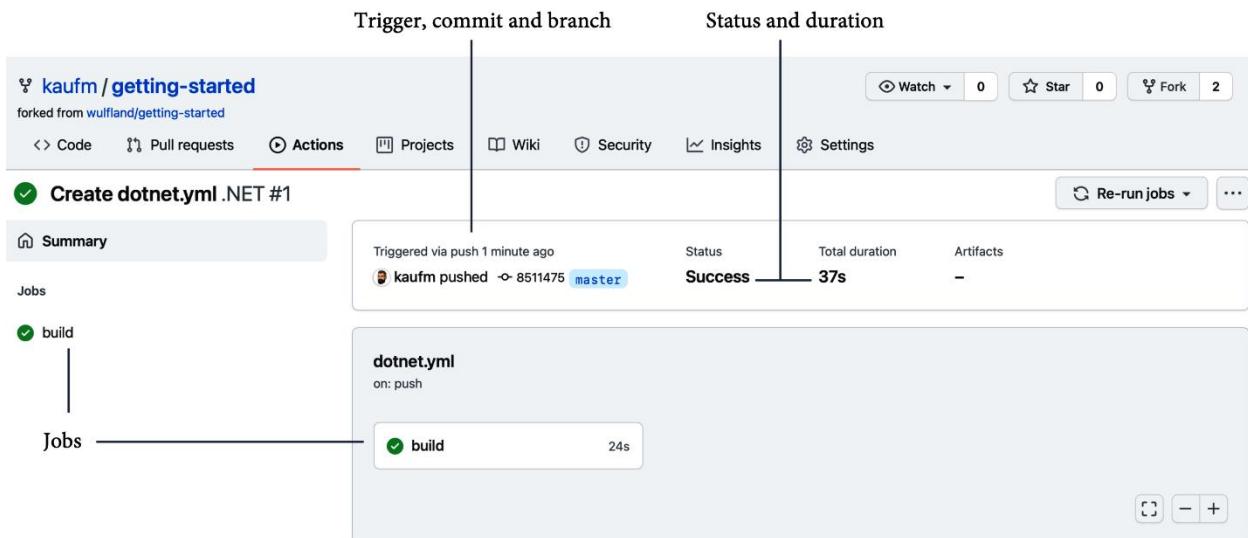
```

Use Control + Space to trigger autocomplete in most situations.

Search Marketplace for Actions

Featured Actions

- Cache** By actions ⚡ 2.2k Cache artifacts like dependencies and build outputs to improve workflow execution time
- Setup Node.js environment** By actions ⚡ 1.4k Setup a Node.js environment by adding problem matchers and optionally downloading and adding it to the PATH
- Setup Go environment** By actions ⚡ 518 Setup a Go environment and add it to the PATH
- Setup Java JDK** By actions ⚡ 482 Set up a specific version of the Java JDK and add the command-line tools to the PATH
- Download a Build Artifact** By actions ⚡ 403 Download a build artifact that was previously uploaded in the workflow by the upload-artifact action



kaufm/getting-started
forked from wulfland/getting-started

<> Code ⚡ Pull requests Actions Projects Wiki Security Insights Settings

Create dotnet.yml.NET #1

Summary Jobs build

build
succeeded 1 minute ago in 24s

- Set up job
- Run actions/checkout@v2
- Setup .NET
- Restore dependencies
- Build
- Test**
 - Run dotnet test --no-build --verbosity normal
 - Build started 09/08/2021 08:29:23.
 - Project "/home/runner/work/getting-started/getting-started/TaskService.sln" on node 1 (VSTest target(s)).
 - ValidateSolutionConfiguration:
 - Building solution configuration "Debug|Any CPU".
 - Test run for /home/runner/work/getting-started/getting-started/tests/TaskService.Tests/bin/Debug/netcoreapp3.1/TaskService.Tests.dll(.NETCoreApp,Version=v3.1)
 - Microsoft (R) Test Execution Command Line Tool Version 16.7.1
 - Copyright (c) Microsoft Corporation. All rights reserved.
 - Starting test execution, please wait...
 - A total of 1 test files matched the specified pattern.
 - [xUnit.net 00:00:00.00] xUnit.net VSTest Adapter v2.4.0 (64-bit .NET Core 3.1.18)
 - [xUnit.net 00:00:00.74] Discovering: TaskService.Tests
 - [xUnit.net 00:00:00.81] Discovered: TaskService.Tests
 - [xUnit.net 00:00:00.81] Starting: TaskService.Tests
 - TaskService.Tests.TaskItemServiceTests.DefaultDataTest [6ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: 2, expected: 2] [1ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: -1, expected: 5] [< 1ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: 0, expected: 5] [< 1ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: 66, expected: 5] [< 1ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_delete_throws_exception [4ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_can_delete_item [< 1ms]
 - TaskService.Tests.TaskItemServiceTests.TaskItemService_new_task_have_new_state [< 1ms]

Search logs Re-run jobs ...

```

1> Run dotnet test --no-build --verbosity normal
2 Build started 09/08/2021 08:29:23.
3 1>Project "/home/runner/work/getting-started/getting-started/TaskService.sln" on node 1 (VSTest
4 target(s)).
5   1>ValidateSolutionConfiguration:
6     Building solution configuration "Debug|Any CPU".
7   Test run for /home/runner/work/getting-started/getting-started/tests/TaskService.Tests/bin/Debug/netcoreapp3.1/TaskService.Tests.dll(.NETCoreApp,Version=v3.1)
8   Microsoft (R) Test Execution Command Line Tool Version 16.7.1
9   Copyright (c) Microsoft Corporation. All rights reserved.
10
11 14 Starting test execution, please wait...
12
13
14 15 A total of 1 test files matched the specified pattern.
15
16 17 [xUnit.net 00:00:00.00] xUnit.net VSTest Adapter v2.4.0 (64-bit .NET Core 3.1.18)
17 18 [xUnit.net 00:00:00.74] Discovering: TaskService.Tests
18 19 [xUnit.net 00:00:00.81] Discovered: TaskService.Tests
19 20 [xUnit.net 00:00:00.81] Starting: TaskService.Tests
20 21   TaskService.Tests.TaskItemServiceTests.DefaultDataTest [6ms]
21   TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: 2, expected: 2] [1ms]
22   TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: -1, expected: 5] [< 1ms]
23   TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: 0, expected: 5] [< 1ms]
24   TaskService.Tests.TaskItemServiceTests.TaskItemService_can_add_task[id: 66, expected: 5] [< 1ms]
25   TaskService.Tests.TaskItemServiceTests.TaskItemService_delete_throws_exception [4ms]
26   TaskService.Tests.TaskItemServiceTests.TaskItemService_can_delete_item [< 1ms]
27   TaskService.Tests.TaskItemServiceTests.TaskItemService_new_task_have_new_state [< 1ms]
28

```

Jobs details. Steps can be expanded.

Continuous integration workflows

| | | |
|--|---|---|
| Ruby
By GitHub Actions
Build and test a Ruby project with Rake.
Set up this workflow


actions/starter-workflows Ruby ● | Rust
By GitHub Actions
Build and test a Rust project with Cargo.
Set up this workflow


actions/starter-workflows Rust ● | Java with Maven
By GitHub Actions
Build and test a Java project with Apache Maven.
Set up this workflow


actions/starter-workflows Java ● |
| CMake based projects
By GitHub Actions
Build and test a CMake based project.
Set up this workflow


actions/starter-workflows C ● | Ruby Gem
By GitHub Actions
Pushes a Ruby Gem to RubyGems and GitHub Package Registry.
Set up this workflow


actions/starter-workflows Ruby ● | Elixir
By GitHub Actions
Build and test an Elixir project with Mix.
Set up this workflow


actions/starter-workflows Elixir ● |
| Webpack
By GitHub Actions
Build a NodeJS project with npm and webpack.
Set up this workflow


actions/starter-workflows JavaScript ● | Scala
By GitHub Actions
Build and test a Scala project with SBT.
Set up this workflow


actions/starter-workflows Scala ● | Gulp
By GitHub Actions
Build a NodeJS project with npm and gulp.
Set up this workflow


actions/starter-workflows JavaScript ● |
| C/C++ with Make
By GitHub Actions
Build and test a C/C++ project using Make.
Set up this workflow


actions/starter-workflows C ● | Ada
By GitHub Actions
Build Ada project with GPRbuild.
Set up this workflow


actions/starter-workflows Ada ● | Java with Gradle
By GitHub Actions
Build and test a Java project using a Gradle wrapper script.
Set up this workflow


actions/starter-workflows Java ● |

Types

Search for apps and actions

Sort: Best Match

Apps

Actions

X

Categories

API management

Chat

Code quality

Code review

Continuous integration

Dependency management

Deployment

IDEs

Learning

Localization

Mobile

Monitoring

Project management

Publishing

Recently added

Security

Support

Testing

Utilities

Filters ▾

Actions

An entirely new way to automate your development workflow.

9844 results filtered by Actions X



Setup Node.js environment

By actions

Setup a Node.js environment by adding problem matchers and optionally downloading and adding it to the PATH
★ 1.4k stars

Setup Go environment

By actions

Setup a Go environment and add it to the PATH
★ 525 stars

Download a Build Artifact

By actions

Download a build artifact that was previously uploaded in the workflow by the upload-artifact action
★ 408 stars

Close Stale Issues

By actions

Close issues and pull requests with no recent activity
★ 469 stars

Setup .NET Core SDK

By actions

Used to build and publish .NET source. Set up a specific version of the .NET and authentication to private NuGet repository
★ 342 stars

Refactor - Run Pipeline

By refactor

Runs a pipeline in the Refactor Platform
★ 6 stars

Setup Java JDK

By actions

Set up a specific version of the Java JDK and add the command-line tools to the PATH
★ 490 stars

Upload a Build Artifact

By actions

Upload a build artifact that can be used by subsequent workflow steps
★ 1.1k stars

First interaction

By actions

Greet new contributors when they create their first issue or open their first pull request
★ 141 stars

Cache

By actions

Cache artifacts like dependencies and build outputs to improve workflow execution time
★ 2.2k stars

Infracost

By infracost

Show cloud cost estimate changes for Terraform in pull requests
★ 80 stars

Docker Login

By docker

GitHub Action to login against a Docker registry
★ 256 stars



GitHub Action

SonarCloud Scan

v1.6

Latest version

Scan your code with SonarCloud

Using this GitHub Action, scan your code with [SonarCloud](#) to detect bugs, vulnerabilities and code smells in more than 20 programming languages!



SonarCloud is the leading product for Continuous Code Quality & Code Security online, totally free for open-source projects. It supports all major programming languages, including Java, JavaScript, TypeScript, C#, C/C++ and many more. If your code is closed source, SonarCloud also offers a paid plan to run private analyses.

Requirements

- Have an account on SonarCloud. [Sign up for free now](#) if it's not already the case!
- The repository to analyze is set up on SonarCloud. [Set it up](#) in just one click.

Usage

Project metadata, including the location to the sources to be analyzed, must be declared in the file `sonar-project.properties` in the base directory:

```
sonar.organization=<replace with your SonarCloud organization key>
sonar.projectKey=<replace with the key generated when setting up the project on SonarCloud>
# relative paths to source directories. More details and properties are described
# in https://sonarcloud.io/documentation/project-administration/narrowing-the-focus
sonar.sources=.
```

Use latest version

Verified creator

Github has verified that this action was created by [SonarSource](#).

[Learn more about verified Actions.](#)

Stars

Star 325

Contributors



Categories

Code quality Security

Links

[SonarSource/sonarcloud-github-action](#)

[Pull requests](#) 9

[Report abuse](#)

Switch to older versions and get information on how to use the action.

SonarCloud Scan is not certified by GitHub. It is provided by a third-party and is governed by separate terms of service, privacy policy, and support documentation.

Releases Tags

Release Action

Publish this Action to the GitHub Marketplace [?](#)

 action.yml

Tagging suggestions

It's common practice to prefix your version names with the letter v. Some good tag names might be v1.0 or v2.3.4.

If the tag isn't meant for production use, add a pre-release version after the version name. Some good pre-release versions might be v0.2-alpha or v5.9-beta.3.



Semantic versioning

If you're new to releasing software, we highly recommend reading about [semantic versioning](#).

✓ Everything looks good! You have all the required information.

✓ Name Wulfland Action

✓ Description Get started with Container actions

✓ Icon award

✓ Color green

 README



✓ A README exists.

Primary Category

Code quality

Another Category — *optional*

Security

 v2.0 ▾

 Target: main ▾

Excellent! This tag will be created from the target when you publish this release.

Release title



Chapter 7: Running Your Workflows

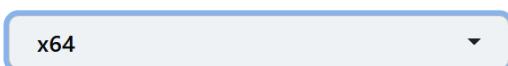
Runners / Create self-managed runner

Adding a self-managed runner requires that you download, configure, and execute the GitHub Actions Runner. By downloading and configuring the GitHub Actions Runner, you agree to the [GitHub Terms of Service](#) or [GitHub Corporate Terms of Service](#), as applicable.

Runner image



Architecture



Runners

New self-hosted runner

Host your own runners and customize the environment used to run jobs in your GitHub Actions workflows. [Learn more about self-hosted runners.](#)

| Runners | Status |
|--|--------|
| linux-runner (self-hosted) (linux) (x64) | ● Idle |
| windows-runner (self-hosted) (x64) (windows) | ● Idle |

Runners / linux-runner

Remove

Configuration: linux x64

Runner group: Default

Labels

self-hosted (Linux) (X64) ⚙

Active Job

| Name | Repository | Elapsed | ... |
|-------|--------------------------------|---------|-----|
| build | accelerate-devops/ProjectsBeta | 11s | ... |

Runner Groups / Default

Group name

Default

Save

Repository access

All repositories ▾

Allow public repositories

Runners can be used by public repositories. Allowing self-hosted runners on public repositories and allowing workflows on public forks introduces a significant security risk. [Learn more](#)

Q Search runners

New runner

Runners

Status

linux-runner self-hosted linux x64

Idle

windows-runner self-hosted x64 windows

Idle

Runners / linux-runner

Remove

Configuration: linux x64

Runner group: Default ▾

Labels

self-hosted Linux X64 ⚙

Find or create a label...

Enter a new label name to create it

Unassigned labels will be removed periodically

Chapter 8: Managing Dependencies Using GitHub Packages

Manage Actions access

Add Repository

Pick the repositories that can access this package using [GitHub Actions](#).

| |
|---|
| <input type="checkbox"/>  1 repository |
| <input type="checkbox"/> container-demo
Repository |

Role: Write ▾ 

Inherited access

Inherit access from source repository (recommended)

Go to [wulfland/container-demo's access settings](#) to change access, or remove inherited access to manage it separately. Inherited access is recommended.

| |
|--|
| <input type="checkbox"/>  0 members |
|--|



Accelerate DevOps

Organization account

 Switch to another account ▾

[Go to your organization profile](#)

| Account settings |
|-----------------------------|
| Profile |
| Billing & plans |
| Member privileges |
| Organization security |
| Security & analysis |
| Verified & approved domains |
| Audit log |
| Sponsorship log |
| Webhooks |
| Third-party access |
| Installed GitHub Apps |
| Scheduled reminders |
| Repository topics |
| Repository defaults |

Packages permissions

Container Creation

Members will be able to publish only the selected visibility types for packages and containers. Outside collaborators can never publish packages or containers.

Public

Members will be able to create public packages, visible to anyone.

Private

Members will be able to create private packages, visible to organization members with permission.

Internal

Members will be able to create internal packages, visible to all organization members.

[Save](#)

Deleted Packages

These are packages that have been previously deleted belonging to this organization. You can restore a package deleted within the last 30 days.

 Search deleted packages

No recoverable packages were found for accelerate-devops.

 package-demo 1.0.1 [Latest version](#)

Install from the command line:

```
$ npm install @wulfand/package-demo@1.0.1
```

Install via package.json:

```
"@wulfand/package-demo": "1.0.1"
```

[Learn more](#)

About this package

Creating and publishing an npm package

1. Create a new repository and select Node as your .gitignore template:

Owner:  wulfand Repository name: 

Great repository names are short and memorable. Need inspiration? How about ubiquitous-guacamole?

Description (optional)

Public Anyone on the Internet can see this repository. You choose who can commit.

Private You choose who can see and commit to this repository.

Initialize this repository with: Skip this step if you're importing an existing repository.

 container-demo

Install from the command line:

```
$ docker pull ghcr.io/wulfand/container-demo:latest
```

[Learn more](#)

Recent tagged image versions

| | | |
|--|--|-----|
|  latest |  v1.0.0 | ↓ 2 |
| Published 25 minutes ago · Digest ... | | |
| View and manage all versions | | |

README.md

Creating and publishing a docker image to ghcr.io

Details

 wulfand

 October 08, 2021

 MIT License

Assets

 package-demo-1.0.1-npm.tgz

Download activity

| | |
|-----------------|---|
| Total downloads | 0 |
| Last 30 days | 0 |
| Last week | 0 |
| Today | 0 |

Recent versions

| | |
|-------|----------------|
| 1.0.1 | 13 seconds ago |
| 1.0.0 | 1 hour ago |

 [Package settings](#)

 [Edit description](#)

Chapter 9: Deploy to Any Platform

The screenshot shows the GitHub Environments configuration interface for a production environment. The left sidebar highlights the 'Environments' section. The main area displays protection rules, deployment branches, environment secrets, and deployment history.

Manual approvals before deployment (required reviewers): A list of required reviewers including 'wulfland'.

Wait timer in minutes (max 43,200 = 30 days): Set to 15 minutes.

Patterns for allowed branches: A list of allowed branches including 'main'.

Environment secrets: An encrypted environment variable 'AZURE_WEBAPP_PUBLISH_PROFILE'.

Approval requests: A notification from 'wulfland' requesting a review to deploy to 'main'.

Stages with status: A deployment flow diagram for 'StagedDeployment.yml' showing stages: Build, Load-Test, Test, Staging, and Production. The Production stage is in a 'Waiting' status.

All reviews / approvals: A table of deployment reviews. One entry shows 'wulfland' approving the deployment 40 seconds ago.

The screenshot shows a GitHub repository page for 'wulfland/AccelerateDevOps'. The top navigation bar includes 'main', '2 branches', '0 tags', 'Go to file', 'Add file', and 'Code'. The repository details show 80 commits from 'bc067b8' 4 minutes ago. The 'About' section notes 'No description, website, or topics provided.' It includes links for 'Readme', 'MIT License', and 'Releases' (no releases). The 'Packages' section also indicates no packages published. A red box highlights the 'Environments' section, which lists three environments: 'github-pages' (Active), 'prod' (Waiting), and 'pre-prod' (Active). Below this is a 'Languages' section showing 'JavaScript 100.0%'. A vertical line connects the environments and languages sections.

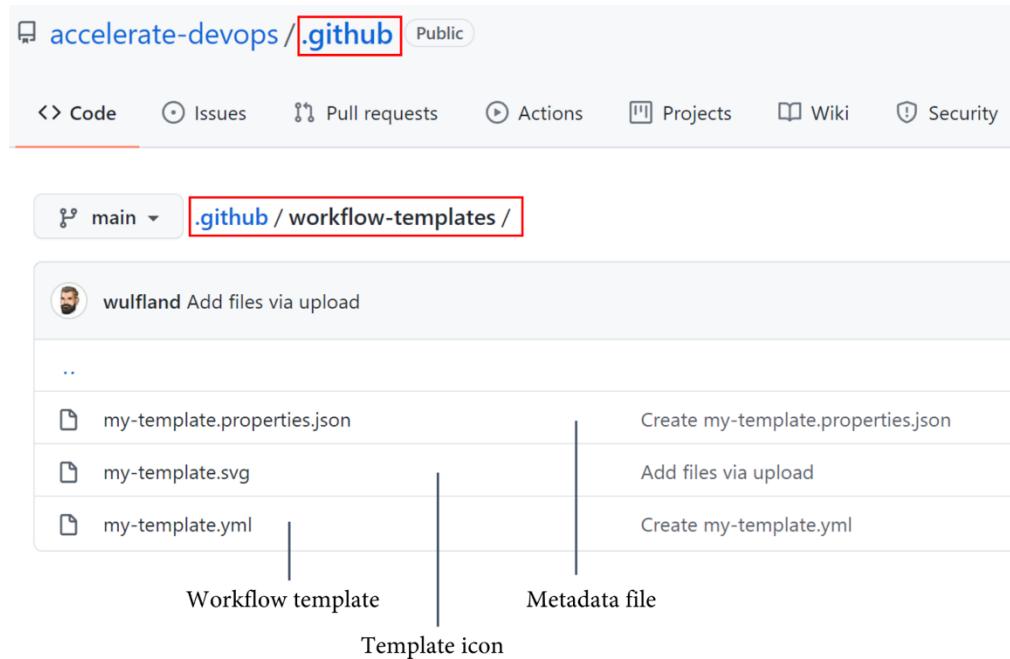
Environments and
status on the home page
of the repository

The screenshot shows the GitHub Actions summary for workflow #8. It displays a summary card with 'Jobs' (1), 'Build' (1), and 'Deploy' (1). The build step took 4m 16s and the deployment step took 1m 35s. The total duration was 56m 27s. A red box highlights the 'Artifacts' section, which shows 1 artifact named 'website'. The artifacts page lists the 'website' artifact with a size of 656 MB. A red box highlights the file size. Below the artifacts table, there is a download button labeled 'Download artifacts'.

Number of
artifacts in
summary

File size (compressed)

```
mike_kaufmann@cloudshell:~/AccelerateDevOps/ch9_release $(valid-octagon-330106)$ kubectl get service
NAME          TYPE        CLUSTER-IP   EXTERNAL-IP  PORT(S)      AGE
kubernetes    ClusterIP  10.3.240.1  <none>       443/TCP     10m
xyz-service   LoadBalancer 10.3.245.223 <pending>   80:30478/TCP 39s
mike_kaufmann@cloudshell:~/AccelerateDevOps/ch9_release $(valid-octagon-330106)$ kubectl get service
NAME          TYPE        CLUSTER-IP   EXTERNAL-IP  PORT(S)      AGE
kubernetes    ClusterIP  10.3.240.1  <none>       443/TCP     19m
xyz-service   LoadBalancer 10.3.245.223 34.141.79.90  80:30478/TCP 9m12s
```



Workflows created by Accelerate DevOps

A screenshot of a workflow template card titled 'My Workflow Template'. The card includes the following fields: 'Name' (By Accelerate DevOps), 'Icon' (a warning sign icon), 'Description' (Description of template workflow), and a 'Set up this workflow' button. At the bottom, it shows the repository 'accelerate-devops/.github' and the language 'javascript' with a yellow circular icon.

[Code](#) [Issues 11](#) [Pull requests 2](#) [Discussions](#) [Actions](#) [Projects 1](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

Webhooks [Add webhook](#)

We'll send a **POST** request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, `x-www-form-urlencoded`, etc). More information can be found in our [developer documentation](#).

Payload URL *

Content type

Secret

SSL verification Enable SSL verification Disable (not recommended)

Which events would you like to trigger this webhook?

Just the push event.

Send me everything.

Let me select individual events.

Active We will deliver event details when this hook is triggered.

[Add webhook](#)

Event handler endpoint

Content type

Secret

Send everything

[Code](#) [Issues 11](#) [Pull requests 2](#) [Discussions](#) [Actions](#) [Projects 1](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

Webhooks [Add webhook](#)

We'll send a **POST** request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, `x-www-form-urlencoded`, etc). More information can be found in our [developer documentation](#).

Payload URL *

Content type

Secret

SSL verification Enable SSL verification Disable (not recommended)

Which events would you like to trigger this webhook?

Just the push event.

Send me everything.

Let me select individual events.

Active We will deliver event details when this hook is triggered.

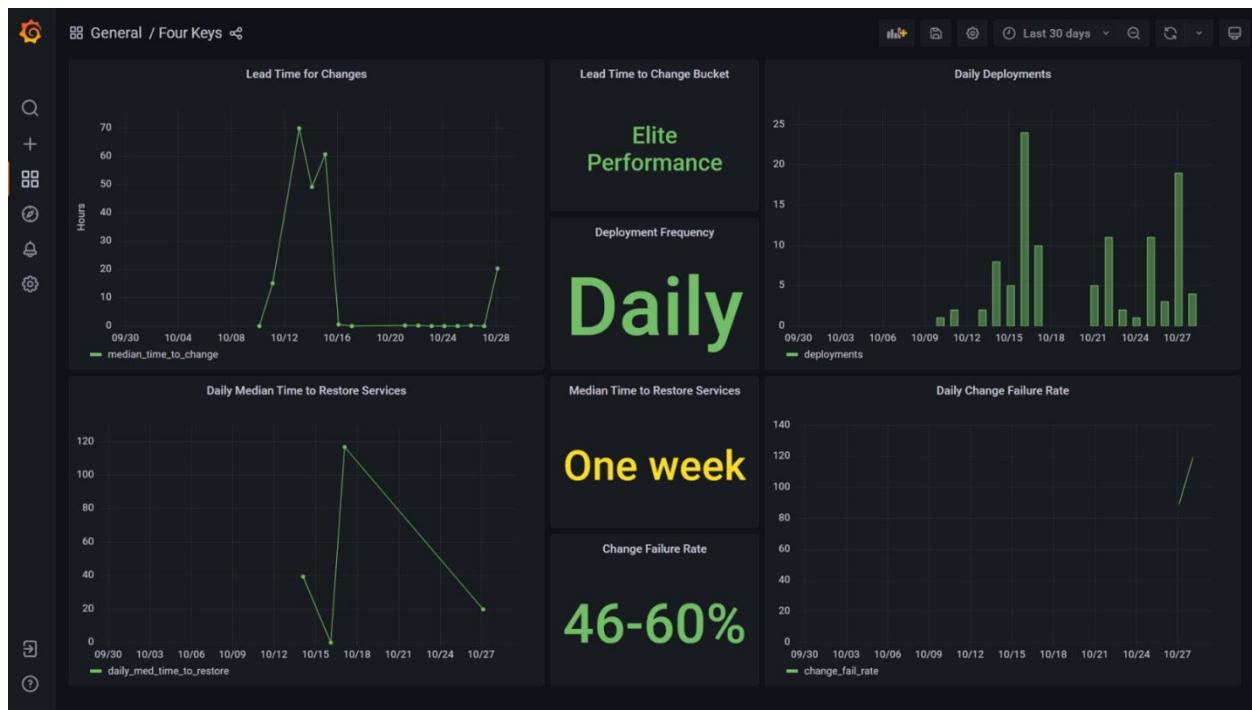
[Add webhook](#)

Event handler endpoint

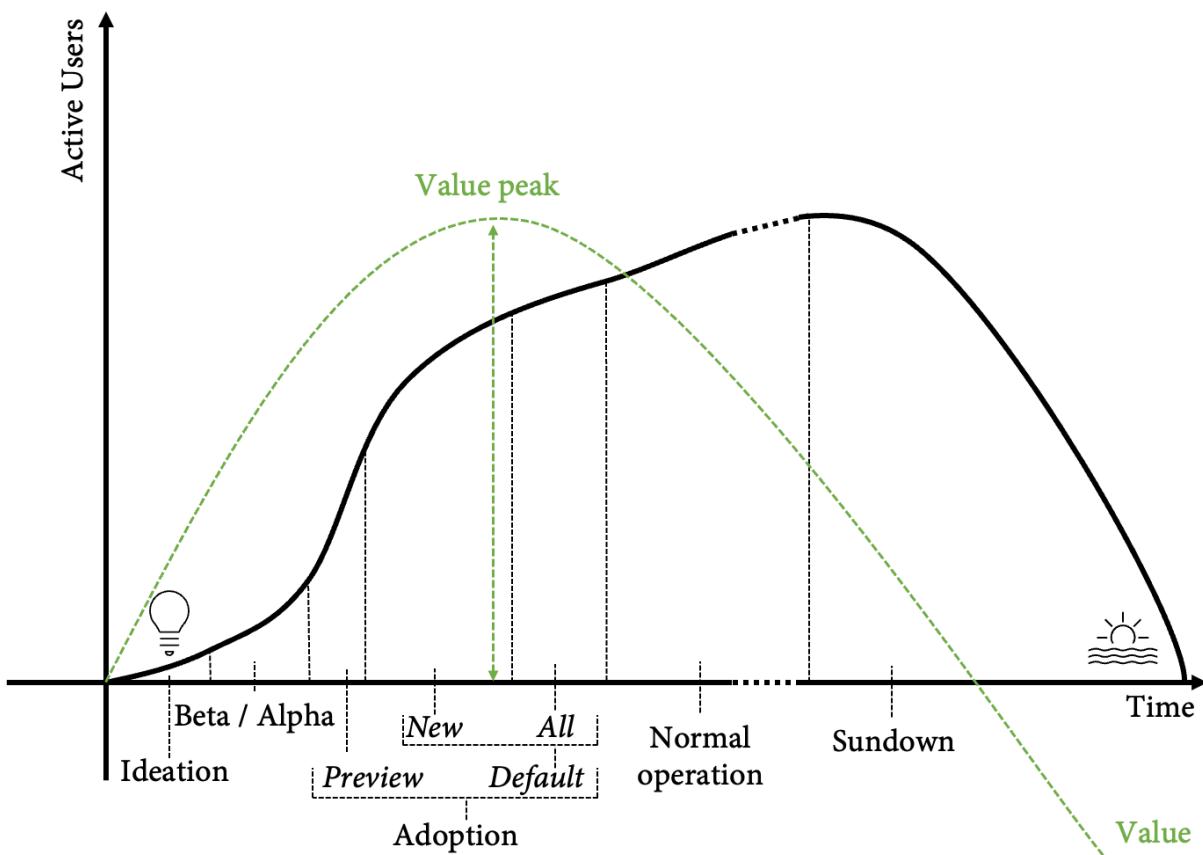
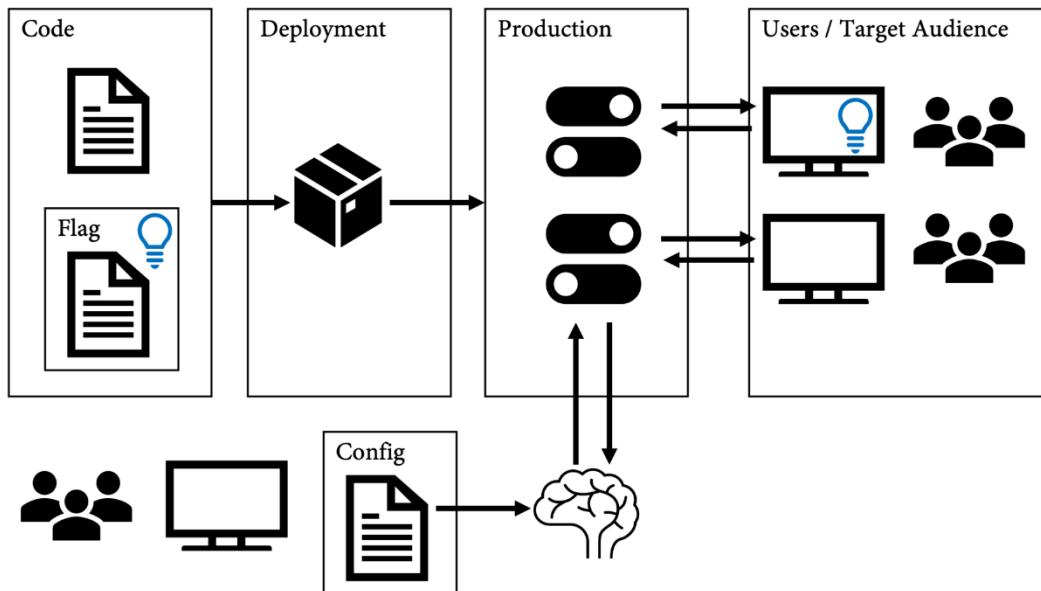
Content type

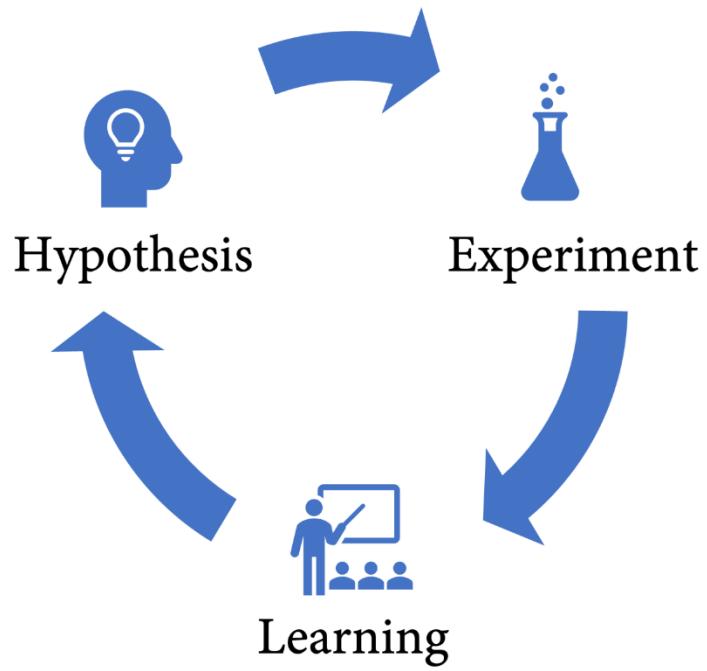
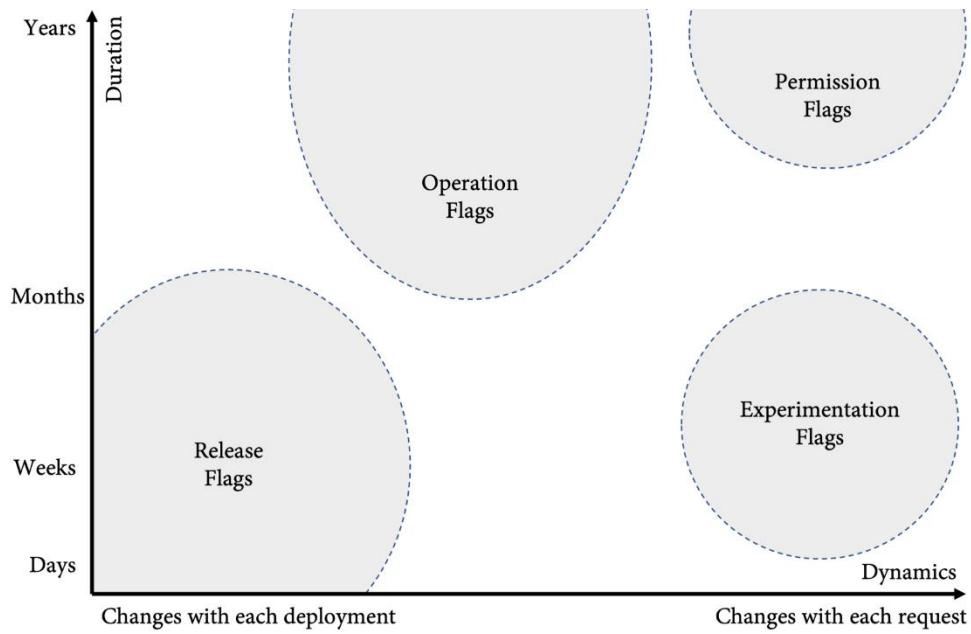
Secret

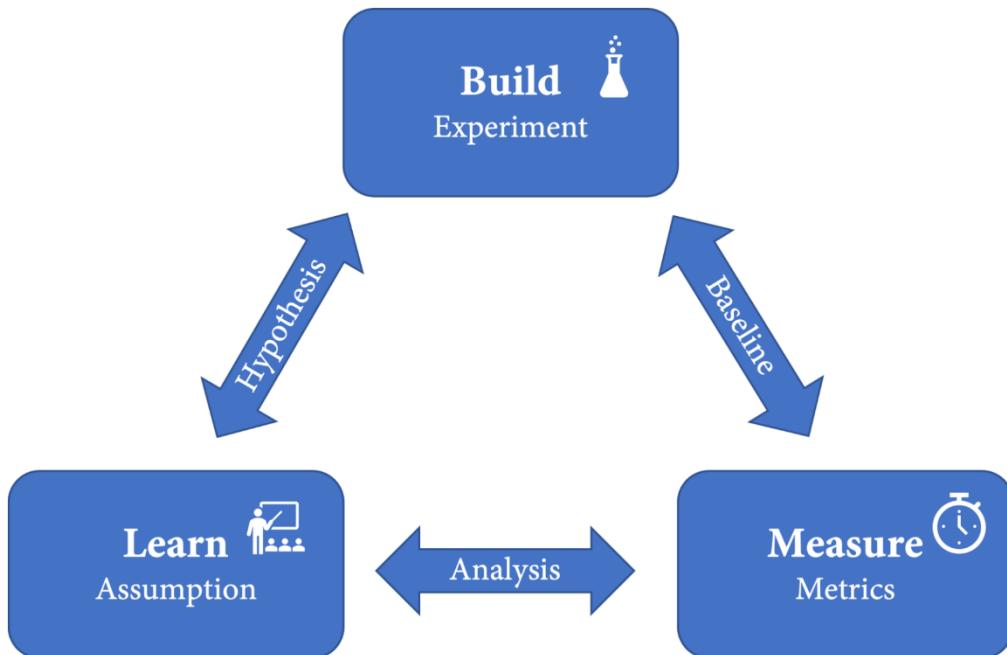
Send everything



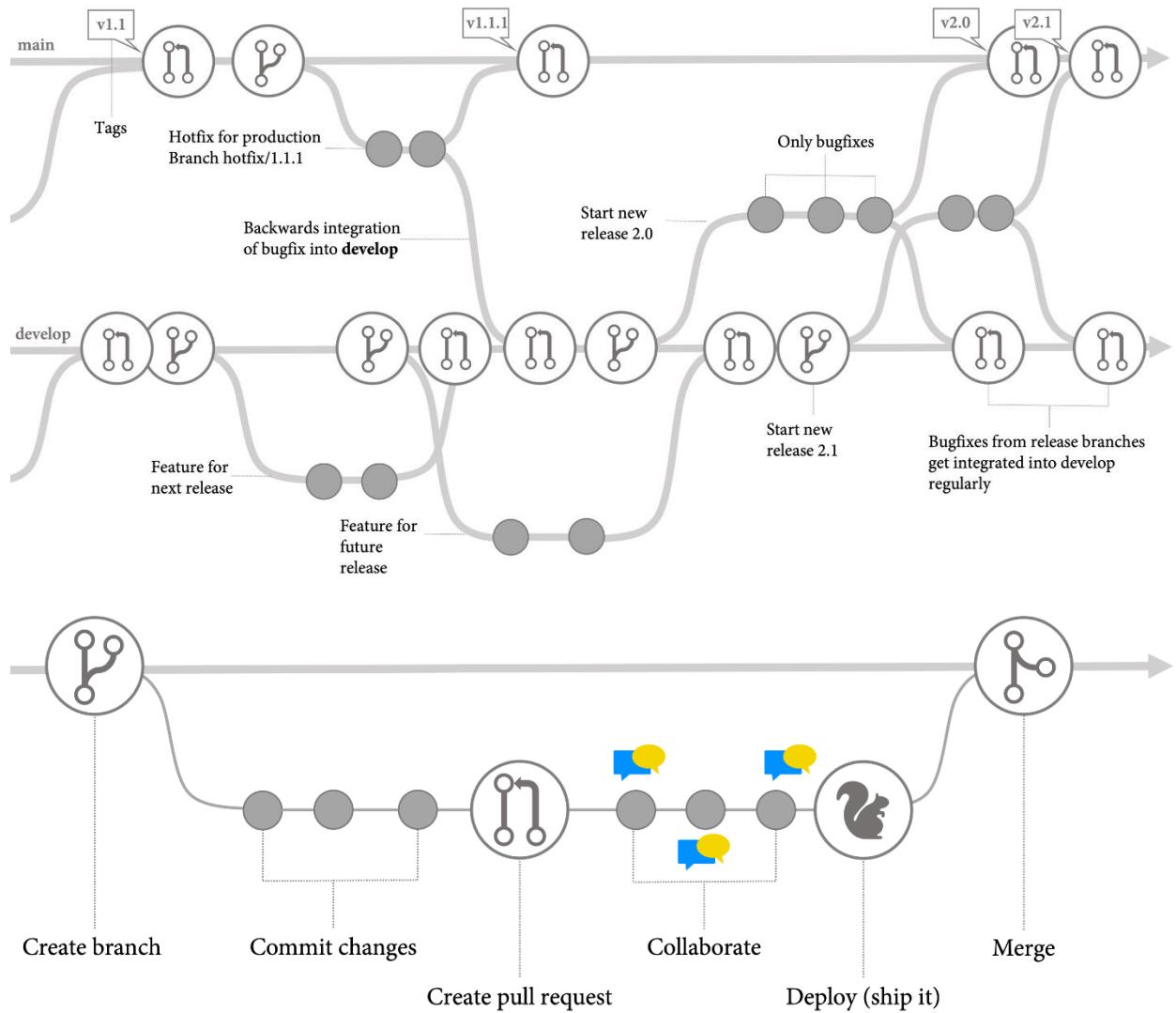
Chapter 10: Feature Flags and the Feature Lifecycle

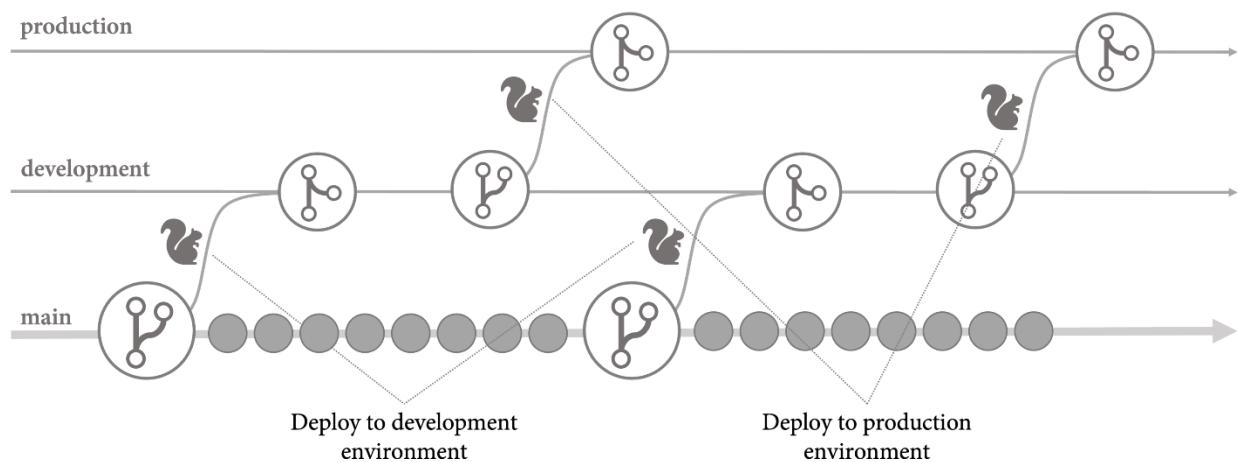
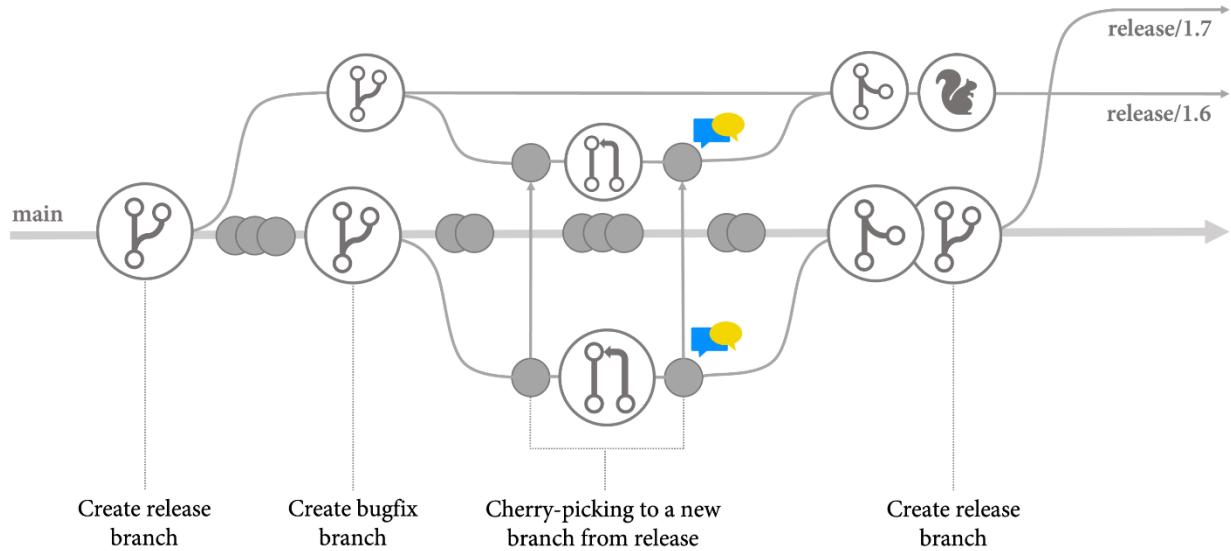


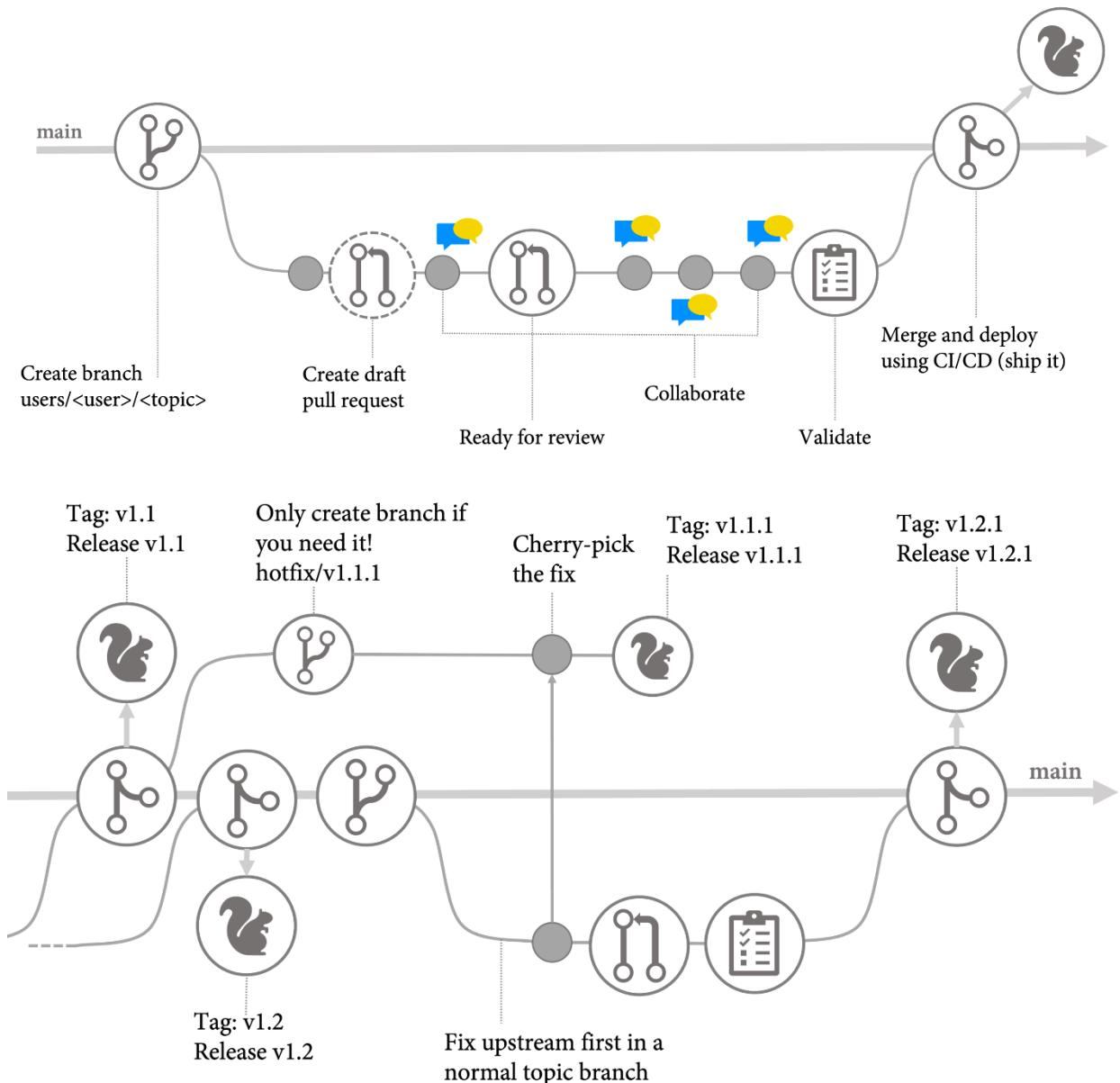




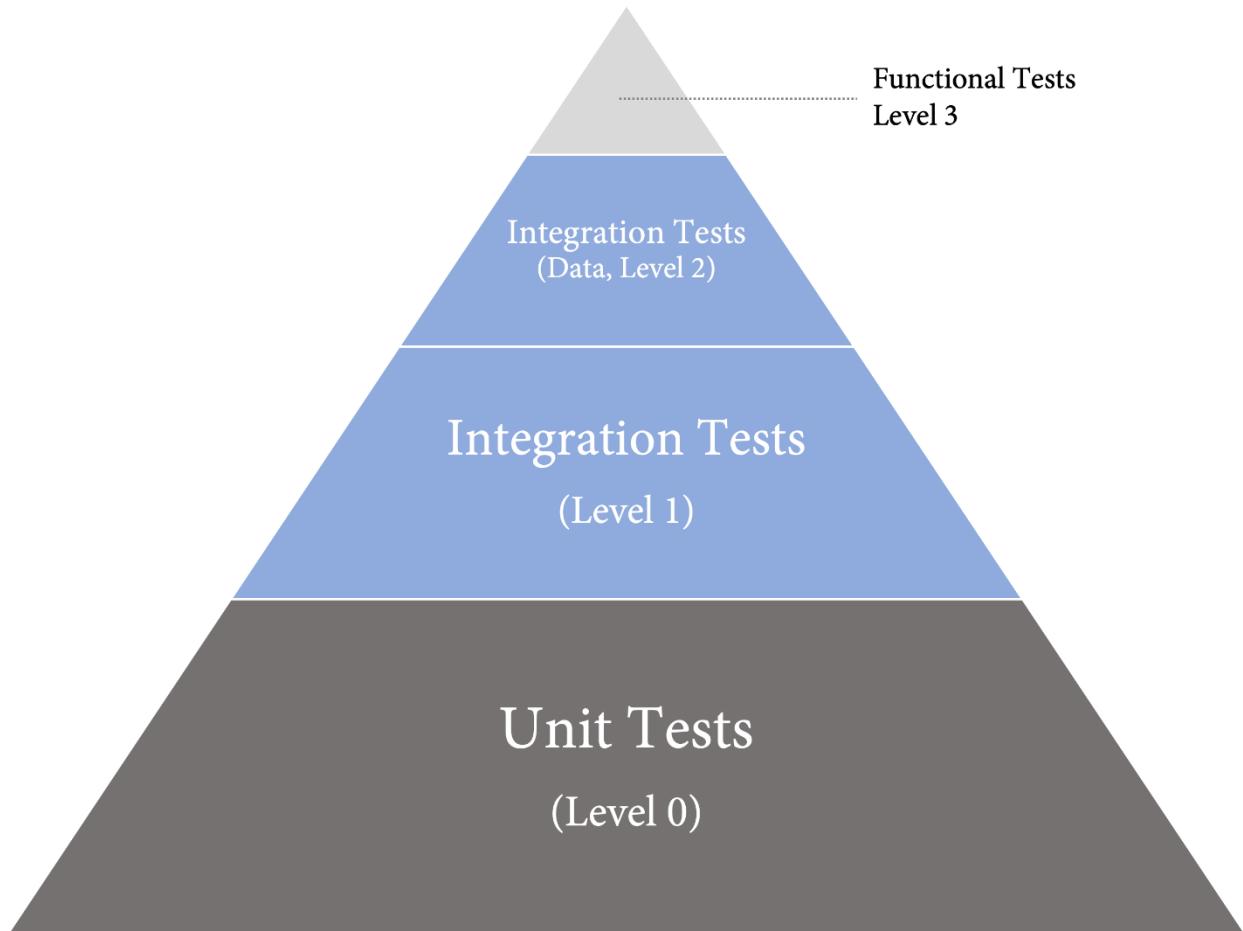
Chapter 11: Trunk-Based Development

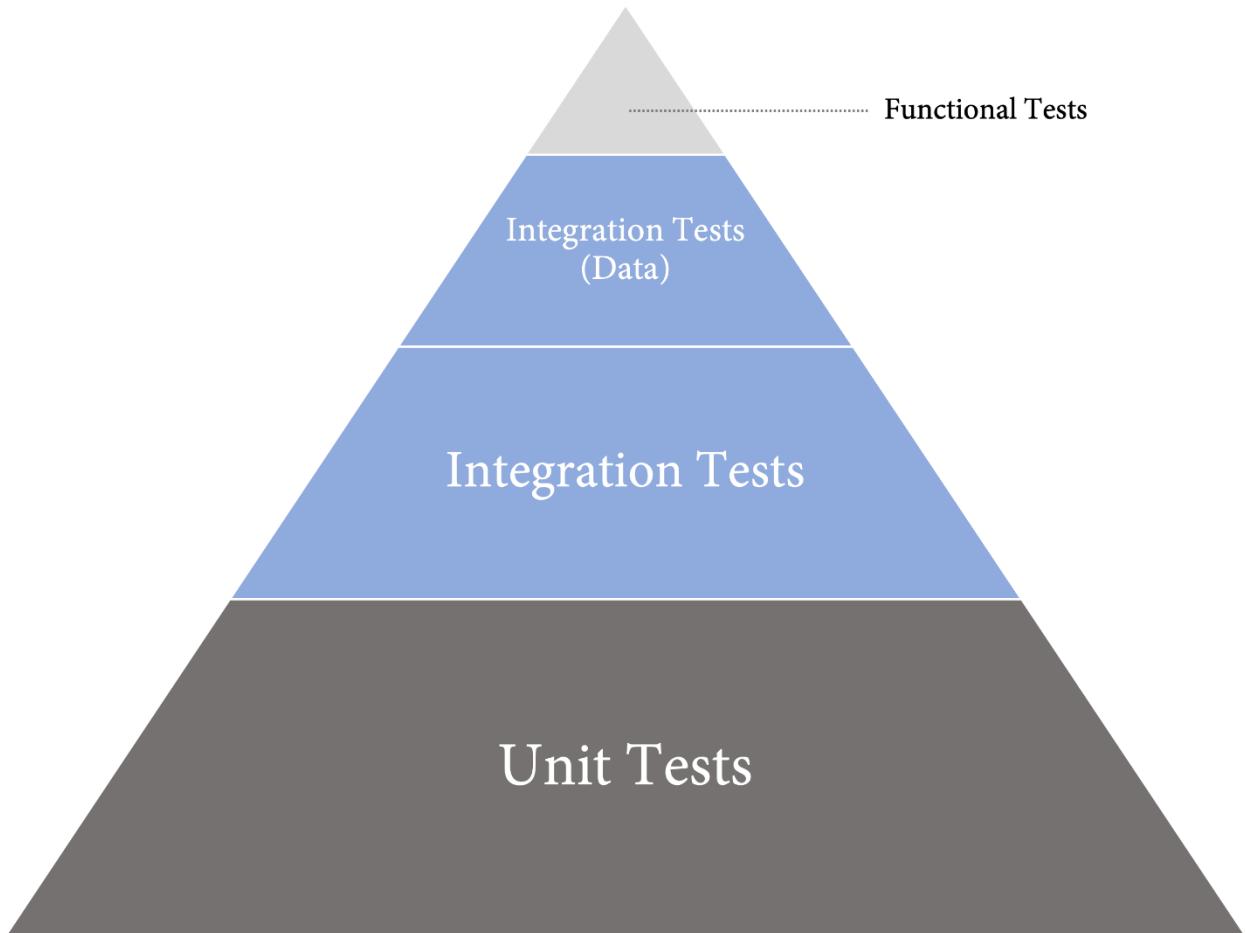


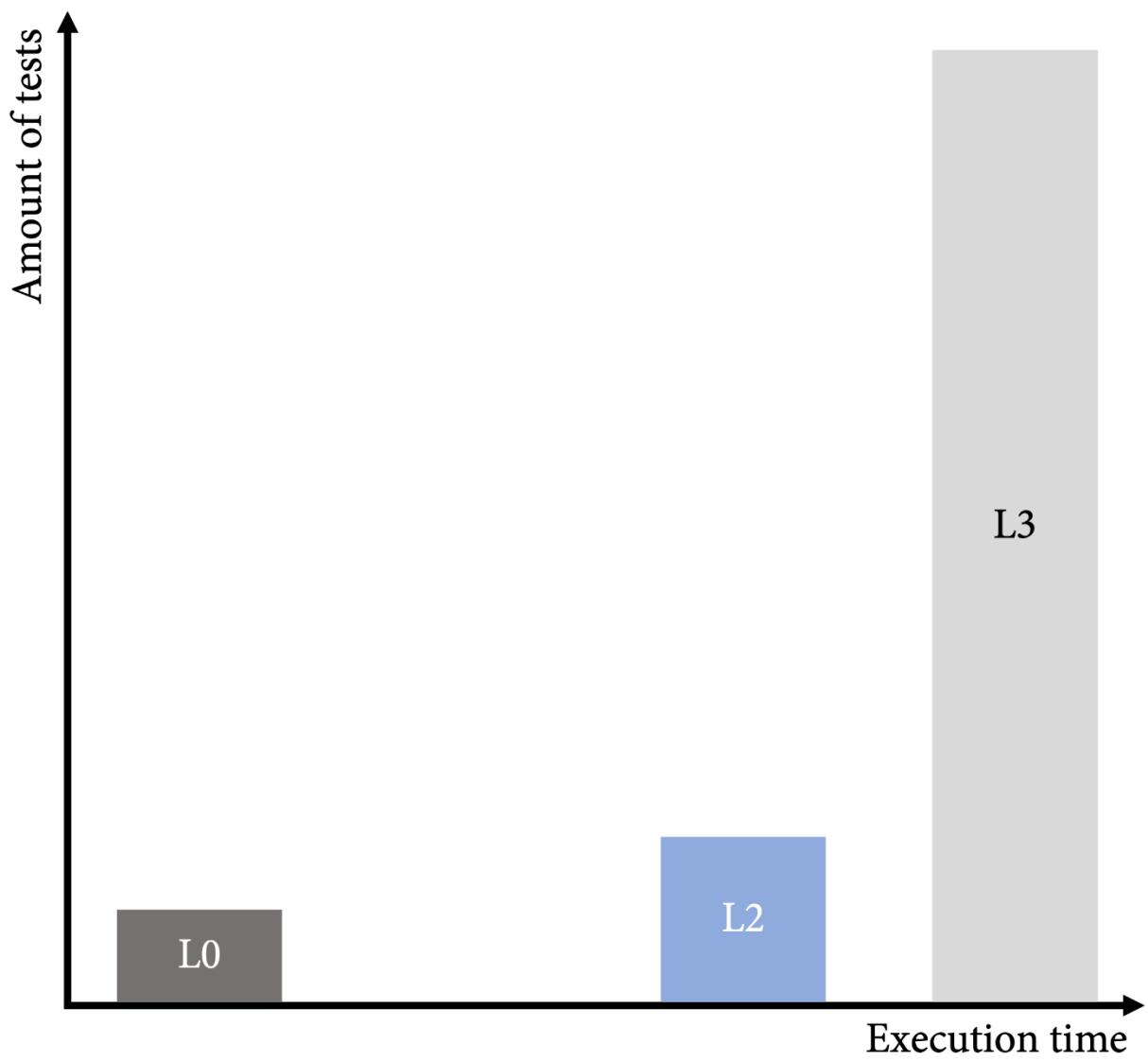


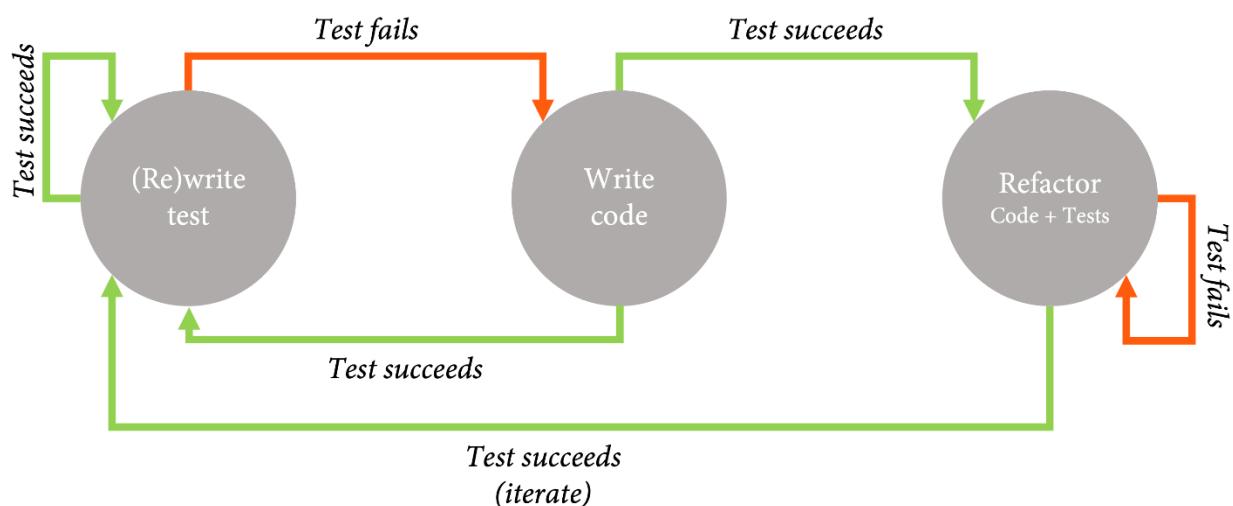
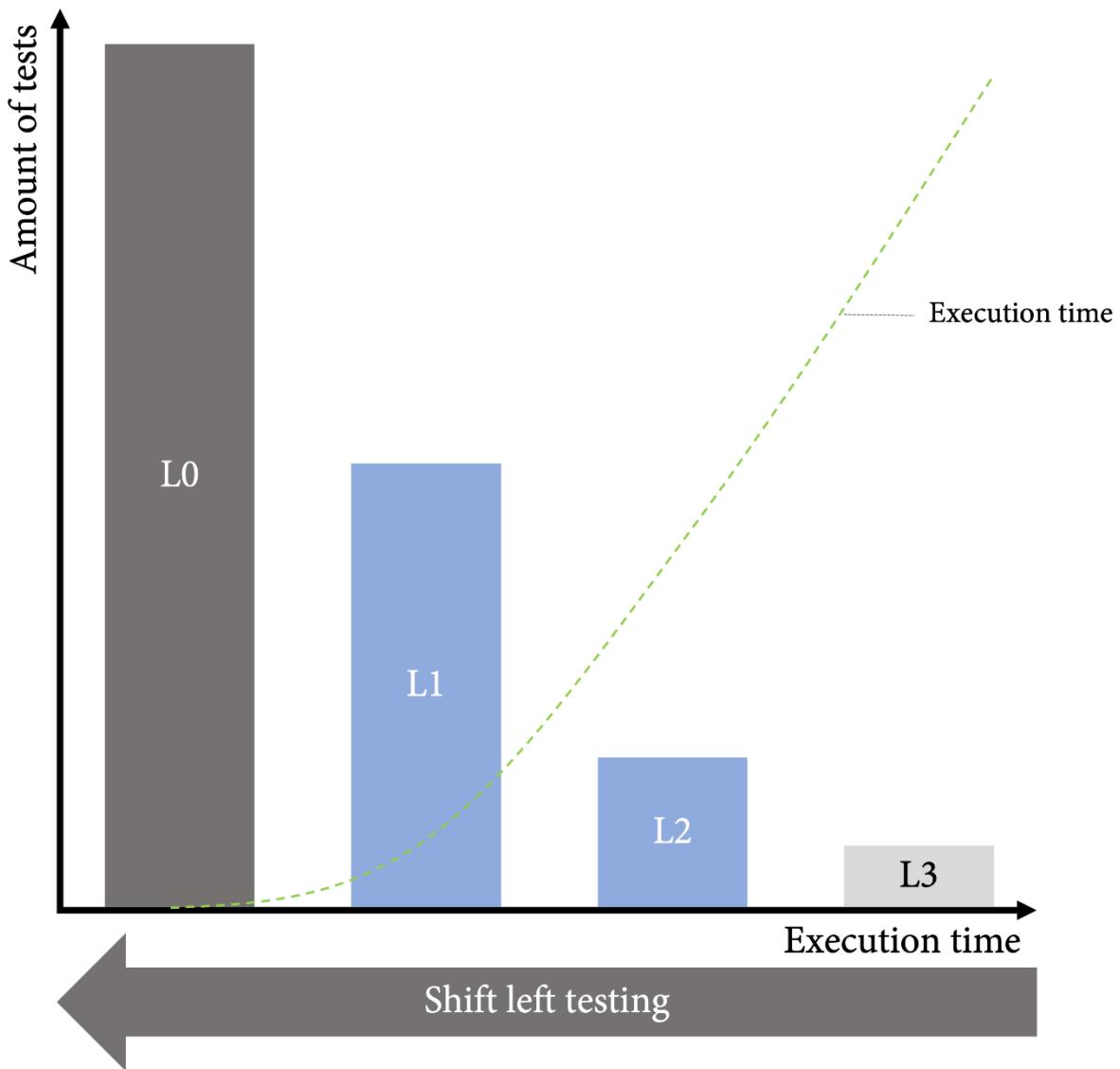


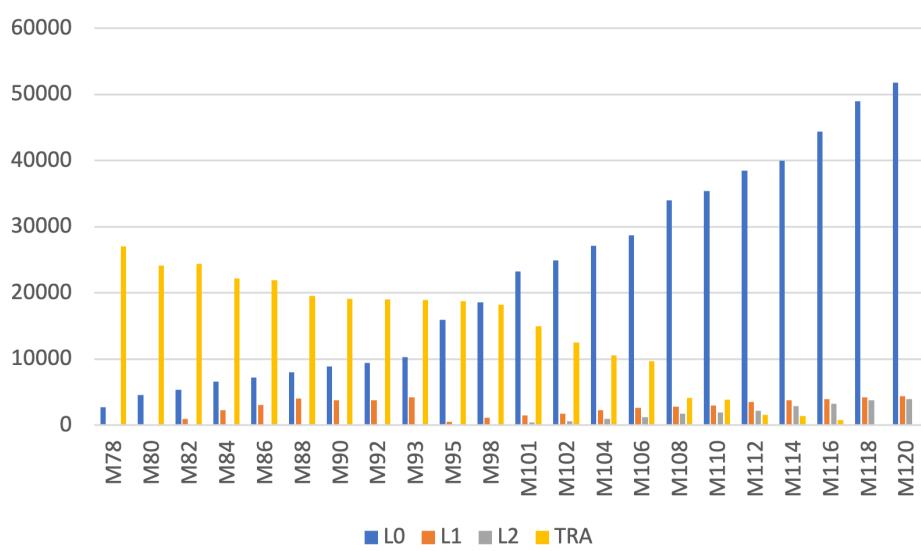
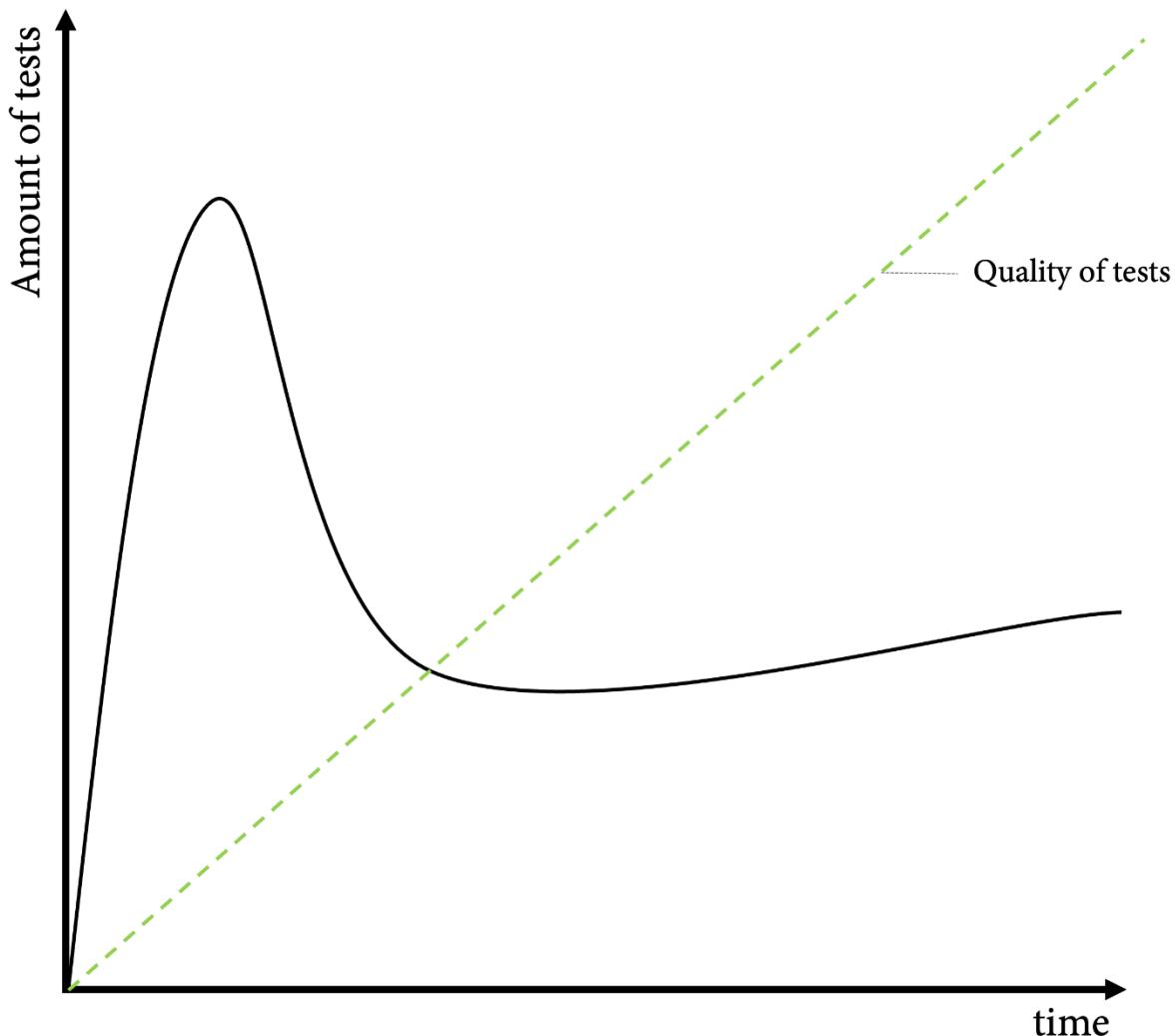
Chapter 12: Shift Left Testing for Increased Quality

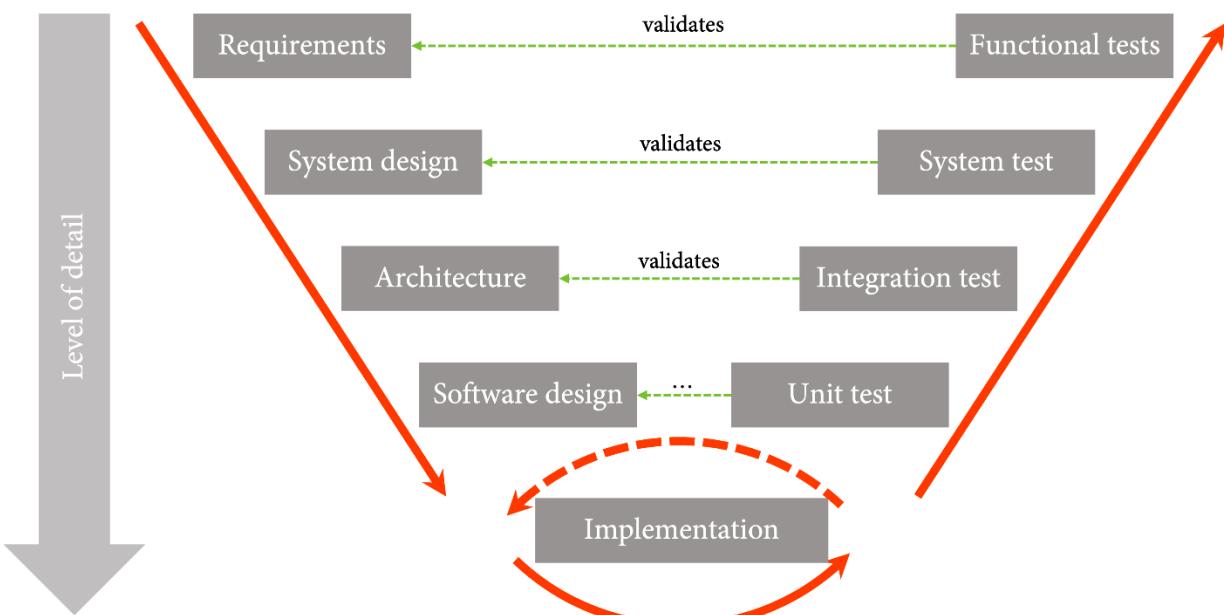
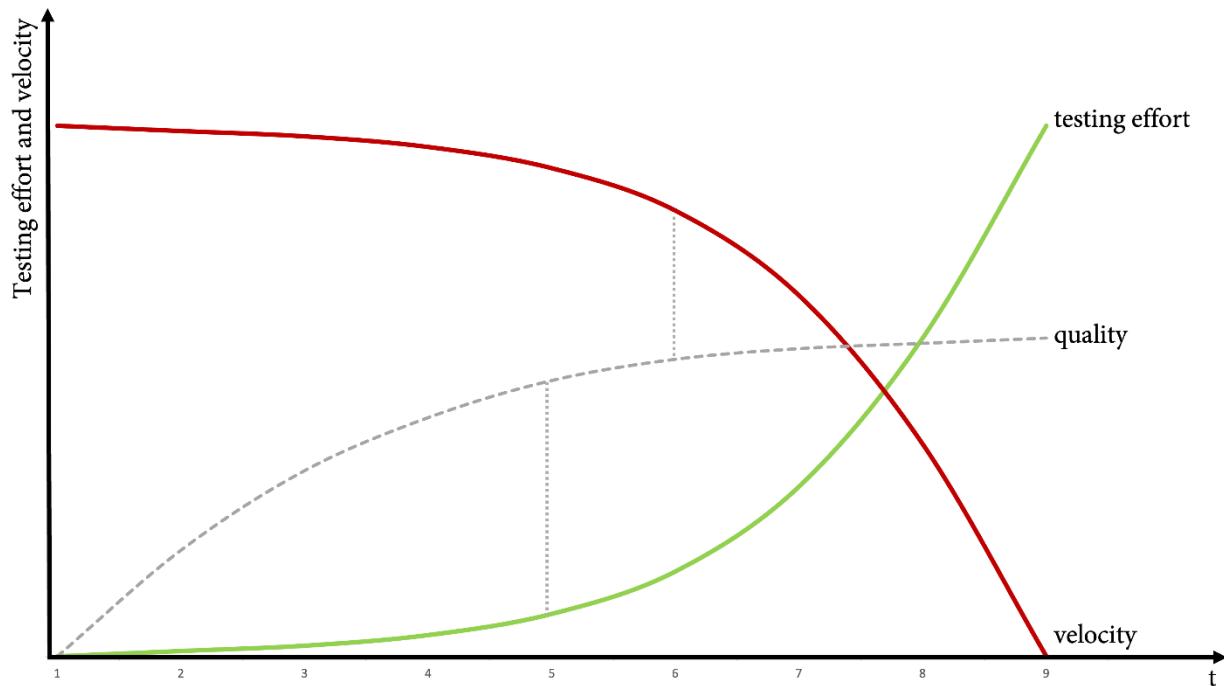
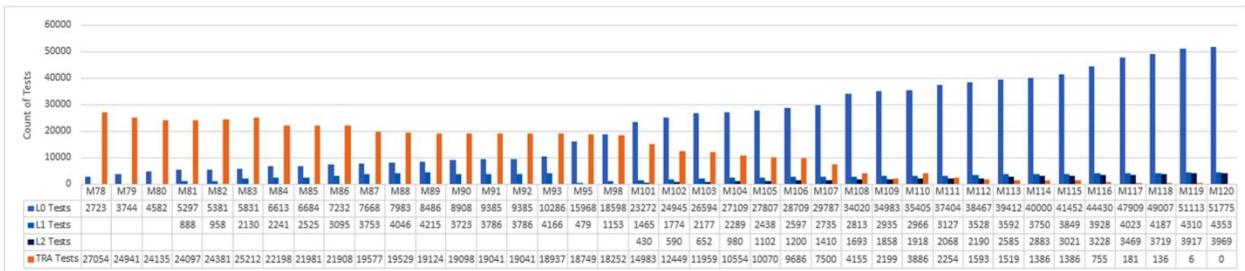












From: Build Bot <notifications@testspace.com>
Date: Tuesday, 7. December 2021 at 10:11
To: [REDACTED] <[REDACTED]>
Subject: [accelerate-devops:flaky-tests/main] INVALID Results "build.3ed823d"

Reply ABOVE THIS LINE to post a comment

INVALID Result [build.3ed823d](#) published in **accelerate-devops:flaky-tests/main**

Update FlakyTests.cs (commit: 3ed823d)

| | |
|--------------------------|--|
| Code Change: | 1 file changed, 2 insertions, 2 deletions |
| Tests: | 98.9% . 1 out of 88 cases failing (100.0% threshold) |
| Failures: | 0 new, 2 flaky, 0 consistent, 0 passing, 0 resolved |
| Code Coverage (lines): | 94.1% . 16 out of 17 Covered (50% Threshold) |
| Code Coverage (methods): | 100% . 2 out of 2 Covered (50% Threshold) |
| Duration: | 4 s |

□

For more details see the [result's page](#).

Delivered by **Testspace**

If you'd like to receive fewer emails, adjust [your notification settings](#).

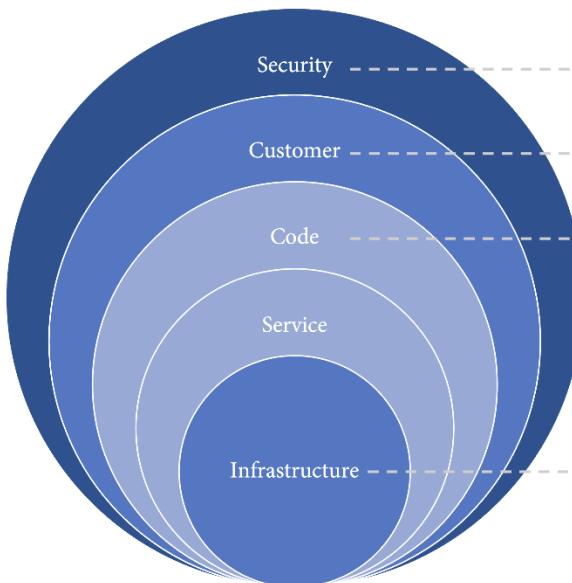
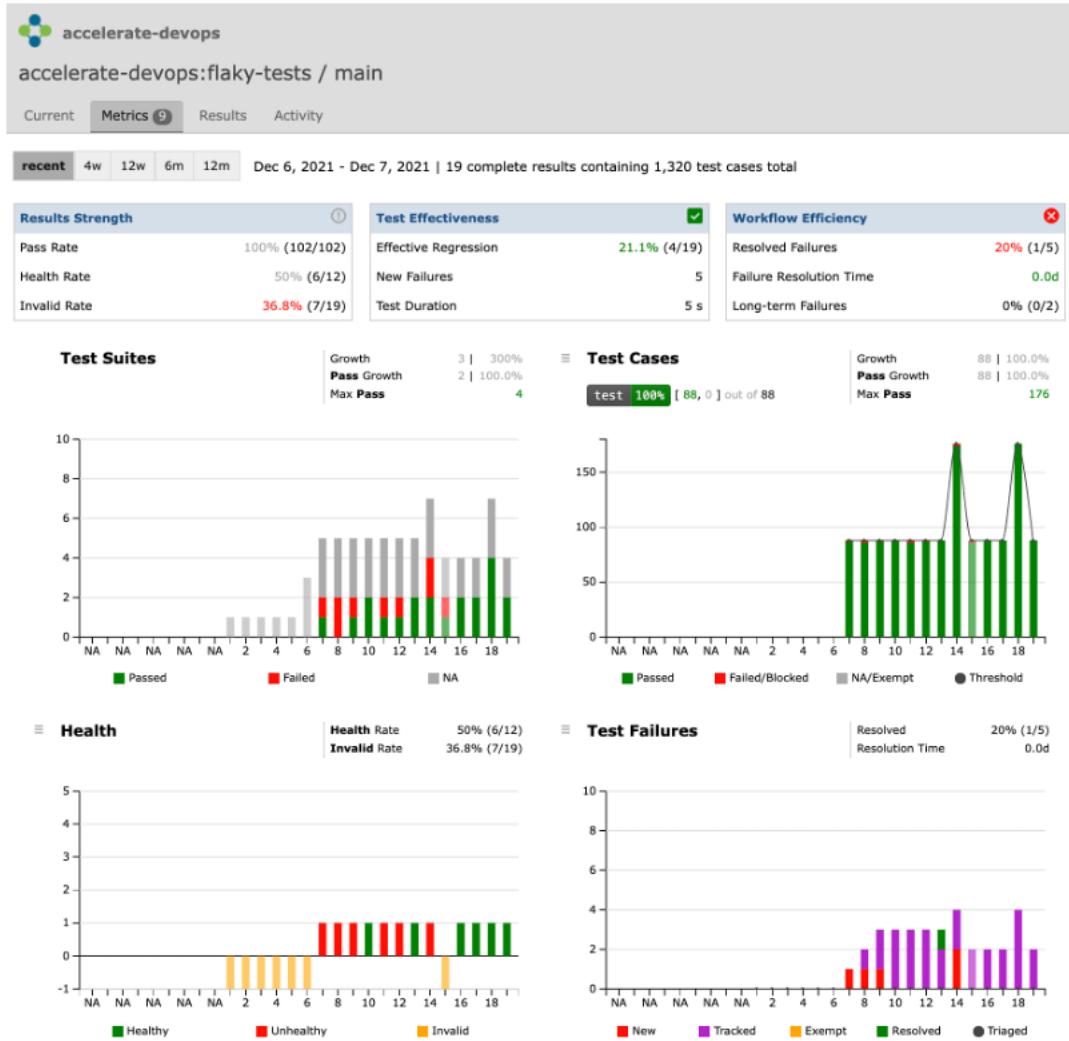
 All checks have passed Hide all checks

2 successful checks

| | | |
|---|---|-------------------------|
|  ✓ |  Flaky-Tests / Build and test (pull_request) Successful in 49s | Details |
|  ✓ |  testspace-analytics — Test Results | Details |

 This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request ▾ You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



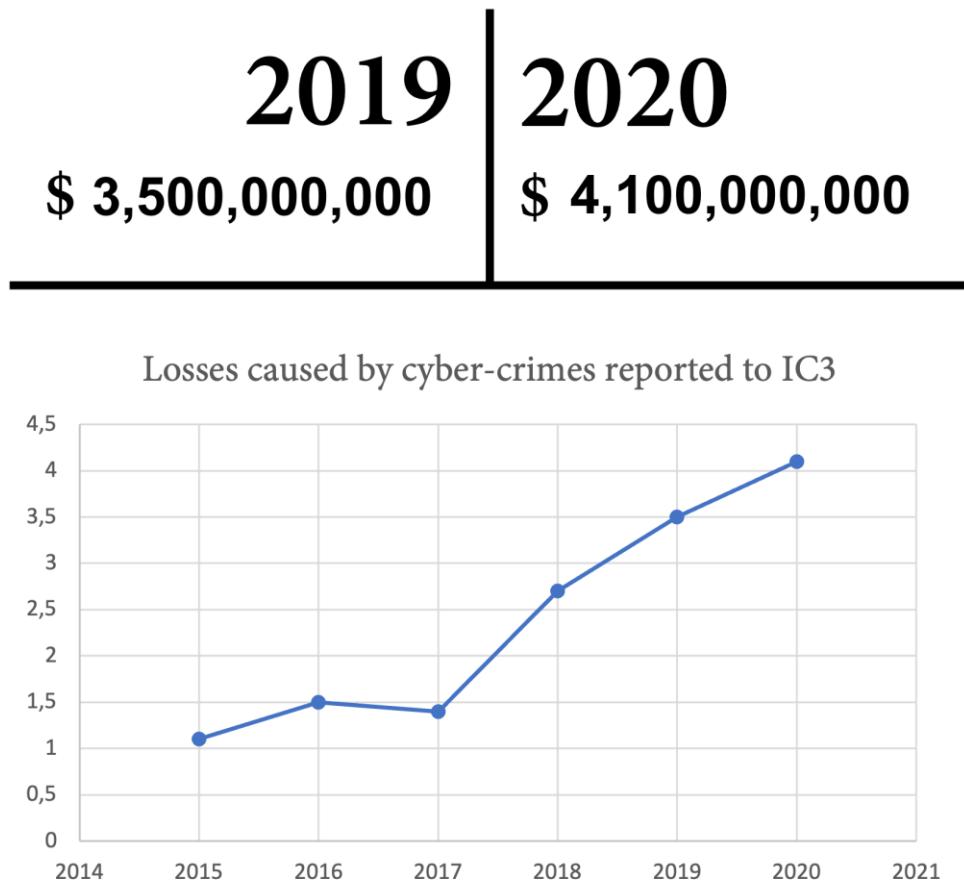
- Security Information & Event Management (SIEM)

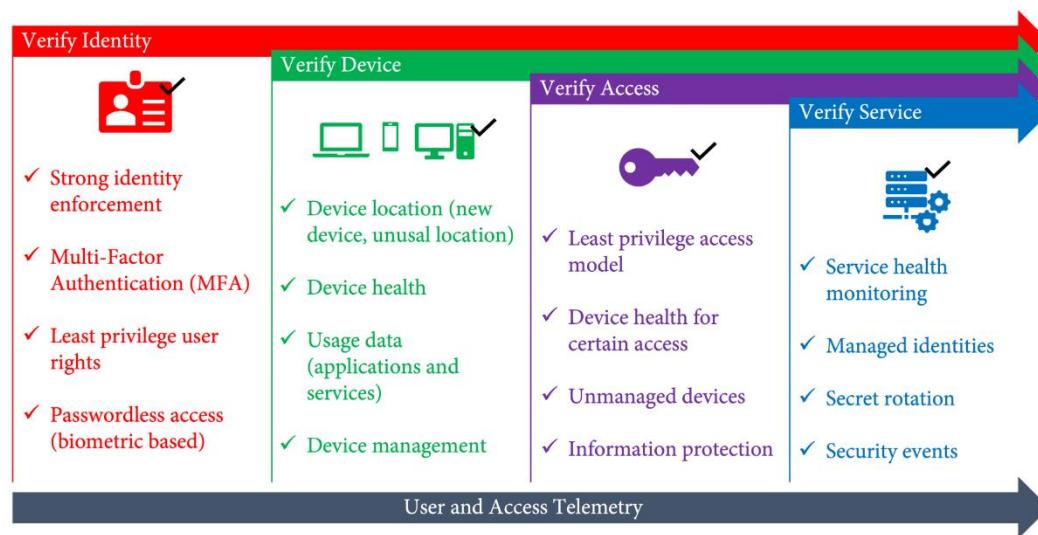
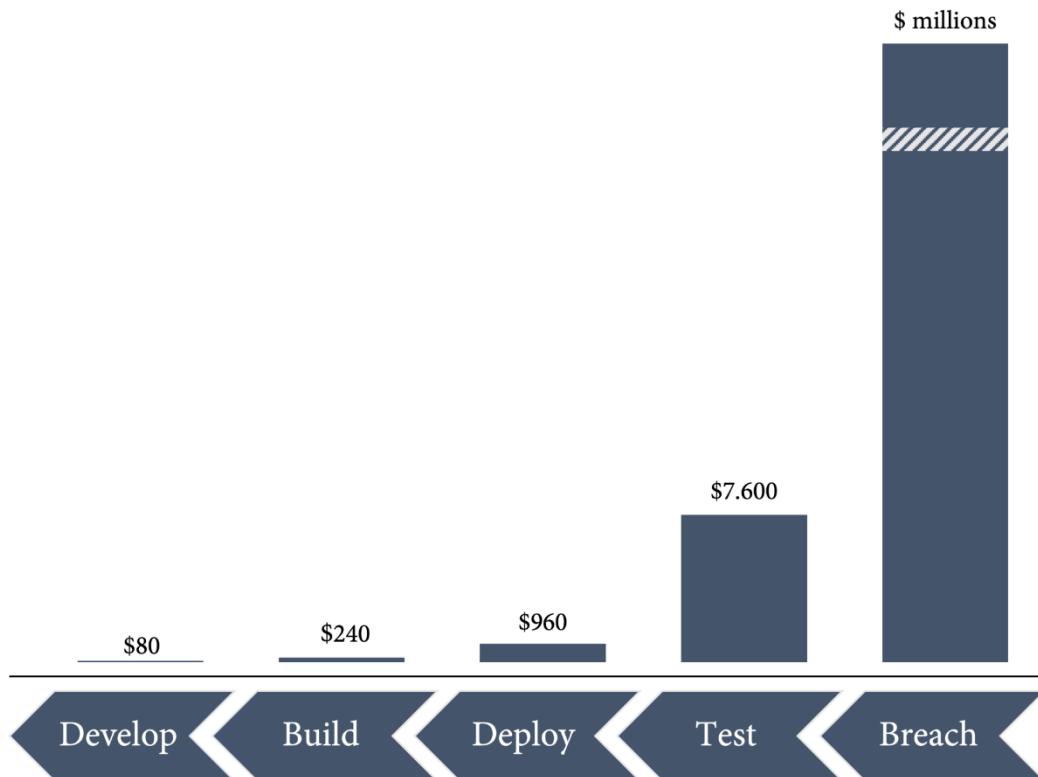
- Real User Monitoring (RUM)
- Digital Experience Monitoring (DEM)

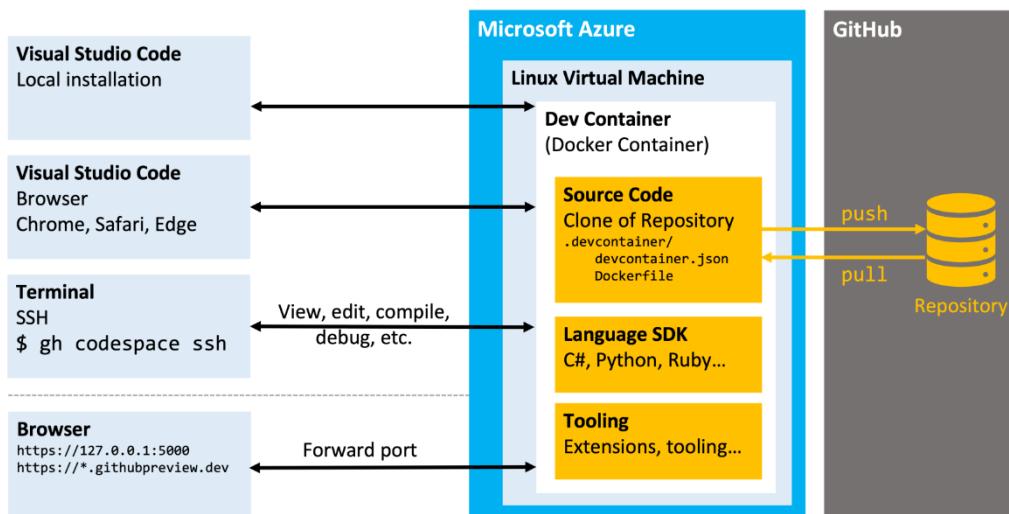
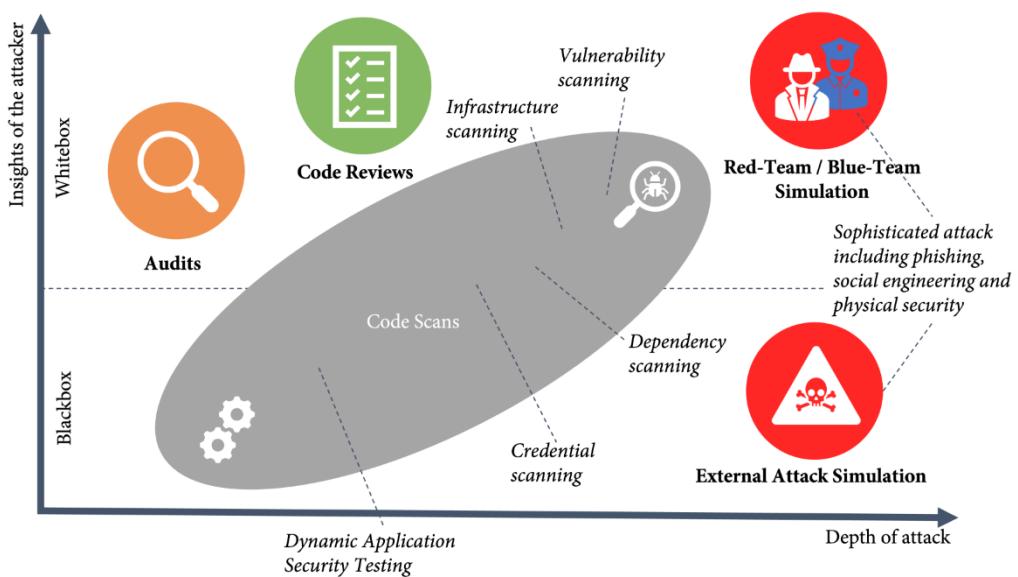
- Application Performance Monitoring (APM)
- Synthetic Transaction Monitoring (STM)
- Application Discovery, Tracing & Diagnostics (ADTD)

- Network Performance Monitoring (NPM)
- IT Infrastructure Monitoring (ITIM)
- Log Monitoring

Chapter 13: Shift Left Security and DevSecOps







Screenshot of a GitHub repository page for `wulfland/AccelerateDevOps`.

The repository has 19 issues, 1 pull request, and 4 forks.

Code navigation bar: Go to file, Add file, Code dropdown.

Code list:

- wulfland Add GKE to readme.md
- .github Refactor scr
- .vscode Enable dotn
- ch3_pull-request Update Revi
- ch4_customWiki Remove ToC and add oreaocrump
- ch9_release Fix destroy-gke.sh
- docs Fix typos in index.md
- .gitignore Add keyfile to .gitignore
- LICENSE Initial commit
- README.md Add GKE to readme.md

Codespaces section:

- Local
- Codespaces

Your codespaces

| Branch | Last Commit | Age |
|---------|----------------|-----|
| main | Current branch | 22m |
| 0 ↓ 0 ↑ | | |

New codespace

About section:

No description, website, or topics provided.

Readme, MIT License, 2 stars, 1 watching, 4 forks.

Releases section:

No releases published. Create a new release.

Packages section:

Create codespace for Microsoft-Bootcamp/demo-wulfland ×

Machine type

| |
|--|
| <input checked="" type="radio"/> 2-core
4GB RAM • 32GB |
| <input type="radio"/> 4-core
8GB RAM • 32GB |
| <input type="radio"/> 8-core
16GB RAM • 64GB |
| <input type="radio"/> 16-core
32GB RAM • 128GB |

Need even more power? [Contact our team](#) to enable 32-core machines for your organization.

[Create codespace](#)

```
@wulfland + /workspaces/../ch9_release/src/Tailwind.Traders.Web (main) $ dotnet run
info: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[62]
      User profile is available. Using '/home/codespace/.aspnet/DataProtection-Keys' as key repository; keys will not be encrypted at rest.
info: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[58]
      Creating key {7d9fda33-19d6-4912-a4ce-7154878c3415} with creation date 2021-12-19 08:53:14Z, activation date 2021-12-19 08:53:14Z, and expiration date 2022-03-19 08:53:14Z.
warn: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[35]
      No XML encryptor configured. Key {7d9fda33-19d6-4912-a4ce-7154878c3415} may be persisted to storage in unencrypted form.
info: Microsoft.AspNetCore.DataProtection.Repositories.FileSystemXmlRepository[39]
      Writing data to file '/home/codespace/.aspnet/DataProtection-Keys/key-7d9fda33-19d6-4912-a4ce-7154878c3415'.
Hosting environment: Production
Content root path: /workspaces/AccelerateDevOps/ch9_release/src/Tailwind.Traders.Web
Now listening on: http://localhost:5000
Now listening on: https://localhost:5001
Application started. Press Ctrl+C to shut down.
```

Your application running on port 5000 is available. [See all forwarded ports](#)

[Open in Browser](#) [Preview in Editor](#)

| Port | Local Address | Running Process | Visibility | Origin |
|------|--------------------------------|-----------------------------------|------------|----------------|
| 5000 | https://... | /workspaces/AccelerateDevOps/c... | Public | Auto Forwarded |
| 5001 | https://wulfia Open in Browser | /workspaces/AccelerateDevOps/c... | Private | Auto Forwarded |

Copy local address, open in browser, or preview in editor

Set the port visibility to public to share the link with your stakeholders

The screenshot shows the VS Code interface with the following elements:

- EXPLORER**: Shows a tree view of the project structure under "ACCELERATEDDEVOPS".
- Dockerfile**: Editor showing Dockerfile content:

```

1 ARG VARIANT="6.0-bullseye-slim"
2 FROM mcr.microsoft.com/vscode/devcontainers/dotnet:0-${VARIANT}
3
4 ARG NODE_VERSION="none"
5 RUN if [ "${NODE_VERSION}" != "none" ]; then su vscode -c "umask
    
```
- devcontainer.json**: Editor showing devcontainer.json content:

```

1 {
2     "name": "C# (.NET)",
3     "build": {
4         "dockerfile": "Dockerfile",
5         "args": {
6             // Arguments that are passed to the Dockerfile when
7             // "VARIANT": "5.0",
8             // "NODE_VERSION": "16"
9         }
10    },
11
12    // Set default container specific settings for vs code
13    "settings": {
    
```

Only FROM is required.
But you can run additional tools when the container is created.

You can pass arguments to the dockerfile.

Chapter 14: Securing Your Code

The image consists of two screenshots of the GitHub web interface, illustrating security features.

Screenshot 1: Configure security and analysis features

This screenshot shows the "Security & analysis" section of the repository settings. The sidebar on the left lists various options like Manage access, Security & analysis (which is selected and highlighted with a red box), Branches, Webhooks, Notifications, Integrations, Deploy keys, Actions, Environments, Secrets, Pages, and Moderation settings. The main content area is titled "Configure security and analysis features" and contains four sections with "Disable" buttons:

- Dependency graph**: Understand your dependencies. Dependency graph is always enabled for public repos.
- Dependabot alerts**: Receive alerts of new vulnerabilities that affect your dependencies.
- Dependabot security updates**: Easily upgrade to non-vulnerable dependencies.
- Code scanning**: Automatically detect common vulnerabilities and coding errors. This section includes a "Set up" button.

Screenshot 2: Dependency graph insights

This screenshot shows the "Insights" tab selected in the navigation bar. The sidebar on the left has "Dependency graph" selected and highlighted with a red box. The main content area displays a dependency tree. A callout points to the tree with the label "The dependency tree". Another callout points to a specific dependency entry with the label "Found manifest files". The dependency list includes:

- Tjatse / ansi-html
- axios / axios
- mafintosh / dns-packet
- rayd / html-parse-stringify2
- immerjs / immer
- cruzlaurolii / babel-cli
- babel / babel-bridge babel-core

A detailed callout points to the "immer" dependency entry, showing a "Known vulnerability found" section. It lists two vulnerabilities:

- CVE-2021-3749 (high severity) - Known security vulnerability in 0.9.7
- Known security vulnerability in 0.21.1

It also suggests an update for the "axios" dependency: "axios ~> 0.21.2". The callout is labeled "Known vulnerabilities", "Severity and link to details", and "Suggested update that contains the fix".

The screenshot shows the Accelerate DevOps platform's Insights section. At the top, there are navigation links: Overview, Repositories, Packages, People, Teams, Projects, Insights (which is highlighted with a red box), and Settings. Below the navigation, there are two main sections: 'Open Security Advisories' (a bar chart showing counts for Low, Moderate, High, and Critical levels) and 'Licenses' (a pie chart showing the distribution of various licenses). A search bar labeled 'Search dependencies' is positioned above the license chart. To the right of these charts, there are two descriptive text blocks: 'Filter and sort results' and 'See the used licenses in all repositories'. Below these sections is a table listing 1,269 dependencies, each with a link to its details, version, and last update date.

| Open Security Advisories | |
|--------------------------|-----|
| Low | 0 |
| Moderate | ~15 |
| High | ~25 |
| Critical | ~2 |

| Licenses | |
|--------------|-----|
| MIT | 82% |
| ISC | 7% |
| Apache 2.0 | 2% |
| BSD 2 Clause | 2% |
| BSD 3 Clause | 2% |
| CC0 1.0 | 2% |
| Other | 1% |

| 1,269 dependencies | License | Ecosystem | Sort |
|---|-------------|-----------|--------------|
| Microsoft.NET.Test.Sdk | NOASSERTION | NuGet | 2 dependents |
| coverlet.collector | MIT | NuGet | 2 dependents |
| xunit.runner.visualstudio | MIT | NuGet | 2 dependents |
| xunit | NOASSERTION | NuGet | 2 dependents |

Filter and sort results

See the used licenses in all repositories

Licenses, ecosystem, and the dependents that use the dependency

The screenshot shows a GitHub repository settings page for 'wulfland/package-demo'. The left sidebar has a menu with options: Options, Actions, Environments, Secrets (which is highlighted with a red box), Actions, Codespaces, Dependabot (which is highlighted with a red box), Pages, and Moderation settings. The main content area is titled 'Dependabot secrets' and contains a note: 'Secrets are credentials that are encrypted. Anyone with collaborator access to this repository can use these secrets for Dependabot.' It also states: 'Secrets are not passed to forks.' Below this is a table for a PAT secret, showing it was updated yesterday and providing 'Update' and 'Remove' buttons. A button for 'New repository secret' is located at the top right of the secrets section.

Dependabot secrets are in a separate menu!

[wulfland / AccelerateDevOps](#) Public

Code Issues Pull requests Discussions Actions Projects Wiki Security Insights Settings

Dependency graph

Dependencies Dependents Dependabot

ch9_release/.../Tailwind.Traders.Web/Tailwind.Traders.Web.csproj ... Last checked yesterday

ch9_release/.../Tailwind.Traders.Web/Dockerfile ... Last checked yesterday

.github/workflows/Deploy-AWS.yml ... Last checked yesterday

ch9_release/.../ClientApp/package.json ... Last checked yesterday

ch8_packages/npm/package.json ... Last checked yesterday

Dependabot version updates automatically keep your application up-to-date by periodically updating dependencies to their latest versions. Dependabot security updates can also help keep dependencies updated.

Each update entry in dependabot.yml has a row here.

Status indicator

Check the log file here

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Dependabot alerts

19 Open 0 Closed

wl Bump ws from 5.2.2 to 5.2.3 in /ch9_release/src/Tailwind.Traders.Web/ClientApp #67

Bumps ws from 5.2.2 to 5.2.3. Release notes Sourced from ws's releases. 5.2.3 Bug f...

main ← dependabot/npm_an...

dependencies

ws

3 days ago by GitHub ch9_release/src/Tailwind.Traders.Web/ClientApp/package-lock.json #67

nth-check

3 days ago by GitHub ch9_release/src/Tailwind.Traders.Web/ClientApp/package-lock.json

axios

3 days ago by GitHub ch9_release/src/Tailwind.Traders.Web/ClientApp/package-lock.json

ansi-html

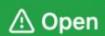
3 days ago by GitHub ch9_release/src/Tailwind.Traders.Web/ClientApp/package-lock.json

path-parse

3 days ago by GitHub ch9_release/src/Tailwind.Traders.Web/ClientApp/package-lock.json #118

Dismiss all Manifest Sort moderate severity moderate severity moderate severity high severity high severity moderate severity

Click for details Link to pull requests created



GitHub opened this alert 4 days ago

⚠️ Dependabot cannot update immer to a non-vulnerable versionThe latest possible version that can be installed is `1.10.0` because of the following conflicting dependency:`react-scripts@3.4.4 requires immer@1.10.0 via react-dev-utils@10.2.1`The earliest fixed version is `9.0.6`.[View logs](#) or [learn more about troubleshooting Dependabot errors](#).**Bump ws from 5.2.2 to 5.2.3 in
`/ch9_release/src/Tailwind.Traders.Web/ClientApp` #67**dependabot wants to merge 1 commit into `main` from `dependabot/npm_and_yarn/ch9_release/src/Tailwind.Traders.Web/ClientApp/ws-5.2.3`[Edit](#)[Code ▾](#)Only users with access to Dependabot alerts can see this message. [Learn more about Dependabot security updates](#), [opt out](#), or [give us feedback](#).

moderate severity

[Conversation 0](#)[Commits 1](#)[Checks 0](#)[Files changed 1](#)[+9 -9](#)

dependabot bot commented on behalf of github 3 days ago

Contributor

Bumps `ws` from 5.2.2 to 5.2.3.

▼ Release notes

Sourced from [ws's releases](#).**5.2.3****Bug fixes**

- Backported 00c425ec to the 5.x release line (76d47c14).

▼ Commits

- [6dd8be7](#) [dist] 5.2.3
- [76d47c1](#) [security] Fix ReDoS vulnerability
- See full diff in [compare view](#)

Dependabot will resolve any conflicts with this PR as long as you don't alter it yourself. You can also trigger a rebase manually by commenting `@dependabot rebase`.

► Dependabot commands and options

→ [Bump ws in /ch9_release/src/Tailwind.Traders.Web/ClientApp](#) ...

Verified

455d834

↳ [dependabot bot added the dependencies label 3 days ago](#)

Reviewers

No reviews

Still in progress? Convert to draft

Assignees

No one—assign yourself

Labels

dependencies

Projects

None yet

Milestone

No milestone

Linked issues

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize



You're receiving notifications because you're watching this repository.

0 participants

GitHub Advanced Security

[Disable](#)

GitHub Advanced Security features are billed per active committer in private repositories. [Learn more](#).

Code scanning

Automatically detect common vulnerabilities and coding errors.

[Disable](#)

Check Failure

Define which alert severity should cause a pull request check to fail.

High or higher / Only errors ▾

Secret scanning

Receive alerts when secrets or keys are checked in.

[Disable](#)

Custom patterns

You can define up to 100 patterns. [Learn more](#).

There are no custom patterns for this repository

Set a new pattern and start scanning for custom secrets in private repositories.

[New pattern](#)

Security & analysis / New custom pattern

Pattern name

This cannot be edited after publishing.

Secret format

The pattern for the secret, specified as a regular expression. [Learn more.](#)

› More options

Test string (required) - 4 matches

```
xyz_123_07aBz-abcd7  
xyz_000_00000-00000  
xyz_999_zzzzz-zzzzz  
xyz_999_zzzzz-zzzzzbbbb  
xyz_999_aaaaa-AAAAAA  
xyz_999_aaaaaXX-AAAAAA  
xyz_aaa_no-match  
xyz_123_07aBz-abcd7
```

Provide a sample test string to make sure your configuration is matching the patterns you expect.

Publish

Secret format

The pattern for the secret, specified as a regular expression. [Learn more.](#)

```
abc_[A-Za-z0-9]{10}={2,}
```

▼ Less options

Before secret

```
\A|[^0-9A-Za-z]
```

After secret

```
\z|[^0-9A-Za-z]
```

Additional match requirements

Add extra patterns that detected secrets must or must not match, e.g. "[a-z]" would ensure any detected secrets contain at least one lowercase character.

Additional secret format

```
[A-Z]
```

Must match Must not match

[Add requirement](#)

Test string (required) - 3 matches

```
"abc_azru697hr9=="  
abc_azru697hr9==  
"abc_abcdedfghi9=="  
password="abc_azru697Hr9=="
```

Microsoft-Bootcamp / [demo-wulfland](#) Private

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[Code](#) [Issues](#) [Pull requests 7](#) [Actions](#) [Projects](#) [Wiki](#) [Security 26](#) [Insights](#) [Settings](#)

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Secret scanning alerts

Filter secret scanning alerts

2 Open ✓ 0 Closed

Secret type ▾ Provider ▾ Sort ▾

My Pattern xyz_701_aK6Bz-9ZzgK

Custom pattern detected in TailwindTraders.Website/.../Tailwind.Traders.Web/Startup.cs#L15 •#2 opened now

Azure Storage Account Access Key AccountName=damoaimlstor...

Secret detected in Source/Tailwind.Traders.Web/appsettings.Development....#L23 •#1 opened on 18 Nov

Secret scanning alerts / Alert

My Pattern #2

Open GitHub Advanced Security detected a **custom pattern** 3 minutes ago · xyz_701_aK6Bz-9ZzgK

This secret is compromised
Anyone with read access can discover secrets committed to this repository, potentially resulting in unauthorized access to your services.

Suggested action: If this secret is valid, rotate and then revoke it to avoid any irreversible damage.

... Close as Revoked False positive Used in tests Won't fix

Secret detected in 1 file

▼ TailwindTraders.Website/Source/Tailwind.Traders.Web/Startup.cs ⚙ ...

```
14     {  
15         private const key = "xyz_701_aK6Bz-9ZzgK";  
16     }
```

⌚ Update Startup.cs 8066690 3 minutes ago

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CodeQL Analysis by GitHub 
Security analysis from GitHub for C, C++, C#, Go, Java, JavaScript, TypeScript, Python, and Ruby developers.
Beta Now supporting Ruby. Learn more.
[Set up this workflow](#)

Security analysis from the Marketplace

42Crunch API Security Audit by 42Crunch 
Use the 42Crunch API Security Audit REST API to perform static application security testing (SAST) on OpenAPI/Swagger files.
[Set up this workflow](#)

Anchore Container Scan by Indeni Cloudrail 
Produce container image vulnerability and compliance reports based on the open-source Anchore container image scanner.
[Set up this workflow](#)

wulfland / AccelerateDevOps Public

Code Issues 19 Pull requests 5 Discussions Actions Projects 1 Wiki Security 21 ...

Code scanning

Latest scan 8 minutes ago Branch main Workflow CodeQL Lines scanned 1.45k / 1.39k Duration 5m 4s Result 0 alerts

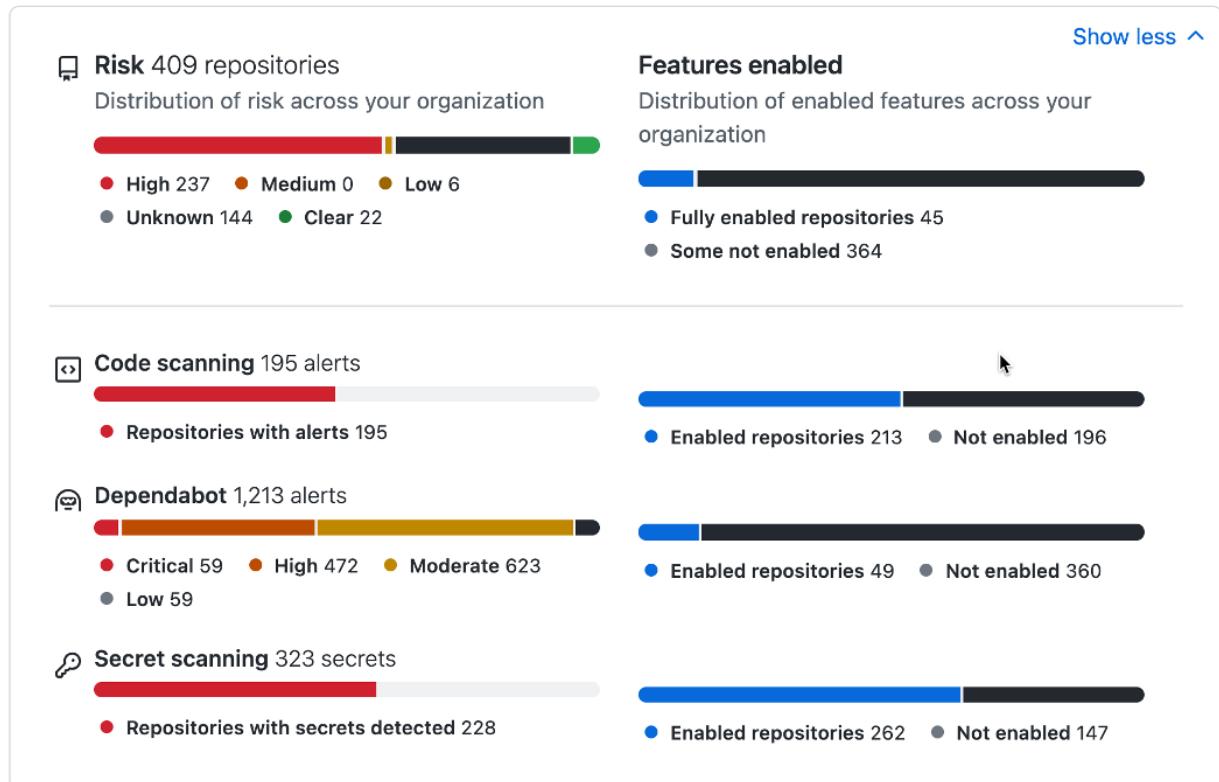
Add more scanning tools

Filters is:open branch:main

1 Open 0 Closed Tool Rule Branch Severity Sort

Clear-text logging of sensitive information (High) ch14/TailwindTradersBotComposer/scripts/provisionComposer.js:805 - Detected 19 hours ago by CodeQL main

Security Overview Beta Give us feedback



wulfland

2 repositories

Risk Type Team Sort

demo-wulfland Updated 3 days ago High 1 2 24

Clear-text logging of sensitive information

[Create issue](#)[Dismiss ▾](#)

Logging sensitive information without encryption or hashing can expose it to an attacker.

[Open](#)[High](#)[CWE-312](#)[CWE-359](#)[CWE-532](#)[security](#)

Fix code scanning alert - Clear-text logging of sensitive information

[Write](#)[Preview](#)[H](#) [B](#) [I](#) [E](#) [<>](#) [🔗](#) [≡](#) [☰](#) [@](#) [🔗](#) [↶](#)

<!-- Warning: The suggested title contains the alert rule name. This can expose security information. -->

Tracking issue for:

- [] <https://github.com/wulfland/AccelerateDevOps/security/code-scanning/1>

Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported

[Submit new issue](#)

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Clear-text logging of sensitive information

[Dismiss ▾](#)

Logging sensitive information without encryption or hashing can expose it to an attacker.

[Open](#)[High](#)[CWE-312](#)[CWE-359](#)[CWE-532](#)[security](#)[Tracked in #165](#)

Branch: main ▾

ch14/TailwindTradersBotComposer/scripts/provisionComposer.js:805 [🔗](#)

```
802     runtimeIdentifier: 'win-x64',
803     );
804
805     console.log(chalk.white(JSON.stringify(profile, null, 2)));
```

Sensitive data returned by `an access to appPassword` is logged here.
Sensitive data returned by `an access to MicrosoftAppPassword` is logged here.
Sensitive data returned by `an access to appPassword` is logged here.
Sensitive data returned by `an access to appPassword` is logged here.

CodeQL [Show paths](#)

```
806
807     console.log('');
808 }
```

Clear-text logging of sensitive information

12 steps in provisionComposer.js ×

Step 1 argv.appPassword

```
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js
81 // Get required fields from the arguments
82 const subId = argv.subscriptionId;
83 const name = argv.name.toString();
84 const appPassword = argv.appPassword;
```

Step 2 appPassword

```
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js
81 // Get required fields from the arguments
82 const subId = argv.subscriptionId;
83 const name = argv.name.toString();
84 const appPassword = argv.appPassword;
```

Step 3 appPassword

```
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js
773 location,
774 environment,
775 appId,
776 appPassword,
777 createLuisResource,
778 createLuisAuthoringResource,
779 createQnAResource,
```

Step 11 JSON.stringify(profile, null, 2)

```
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js
802 runtimeIdentifier: 'win-x64',
803 };
804
805 console.log(chalk.white(JSON.stringify(profile, null, 2)));
806
807 console.log('');
808 }
```

Step 12 chalk.white(JSON.stringify(profile, null, 2))

```
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js
802 runtimeIdentifier: 'win-x64',
803 };
804
805 console.log(chalk.white(JSON.stringify(profile, null, 2)));
806
807 console.log('');
808 }
```

Sensitive data returned by `appPassword` is logged here.
 Sensitive data returned by `MicrosoftAppPassword` is logged here.
 Sensitive data returned by `appPassword` is logged here.
 Sensitive data returned by `appPassword` is logged here.

| Tool | Rule ID | Query |
|--------|-----------------------|-----------------------------|
| CodeQL | js/clear-text-logging | View source |

Sensitive information that is stored unencrypted is accessible to an attacker who gains access to the storage. This is particularly important for cookies, which are stored on the machine of the end-user.

Recommendation

Ensure that sensitive information is always encrypted altogether. Instead, prefer storing, in the cookie, the token used to identify the user.

In general, decrypt sensitive information only at the point where it is needed.

Be aware that external processes often store the information to be stored as well.

Example

The following example code stores user credentials in clear text:

```
var express = require('express');
```

[github / codeql](https://github.com/github/codeql) Public

ddd4ccbb4b · [codeql / javascript / ql / src / Security / CWE-312 / CleartextLogging.ql](#)

RasmusWL JS/PY: Remove CWE-315 from CleartextLogging ...

6 contributors

```
1 /**
2 * @name Clear-text logging of sensitive information
3 * @description Logging sensitive information without encryption or hashing can
4 *             expose it to an attacker.
5 * @kind path-problem
6 * @problem.severity error
7 * @security-severity 7.5
8 * @precision high
9 * @id js/clear-text-logging
10 * @tags security
11 *      external/cwe/cwe-312
12 *      external/cwe/cwe-359
13 *      external/cwe/cwe-532
14 */
15
```

- ⌚ First detected in commit db10350 2 days ago
 - o- 🚀 Merge b769b8a into cb96751
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js:805 on branch refs/pull/139/merge Verified db10350
- ⌚ Appeared in branch main yesterday
 - ✓ CodeQL #19: Commit 5d44e157 (language: javascript)
- 🛡️ Fixed in branch main with commit 0c27034 22 hours ago
 - o- 🚀 Update provisionComposer.js Verified ✓ 0c27034
- ⌚ Reappeared in branch main with commit 72566bb 19 hours ago
 - o- 🚀 Merge pull request #141 from wulfland/log-profile ...
ch14/TailwindTradersBotComposer/scripts/provisionComposer.js:805 on branch main Verified ✓ 72566bb

wulfland / AccelerateDevOps Public

Unwatch 1 Fork 4 Star 2

Code Issues 19 Pull requests 6 Discussions Actions Projects 1 Wiki Security 16 ...

Import code with flaw #139

Open wulfland wants to merge 2 commits into `main` from `codeql-demo`

Conversation 0 Commits 2 Checks 5 Files changed 29 +15,719 -0

Merge remote-tracking branch 'origin/main' into codeql-demo caebfc1

Dependabot auto-merge on: pull_request

CodeQL on: pull_request

PR-Validation on: pull_request

Code scanning results

CodeQL

GitHub Code Scanning / CodeQL
failed 11 minutes ago in 39s

1 new alert including 1 high severity security vulnerability

New alerts

Security Alerts:

- 1 high

See annotations below for details.

[View all branch alerts.](#)

Analyses

Code scanning compared `refs/heads/main` (commit [62d4a99](#)) with `refs/pull/139/merge` (commit [63e95a9](#)) and `refs/heads/codeql-demo` (commit [caebfc1](#)).

| Category | Base branch | Pull request |
|--|-------------|-------------------------------------|
| <code>.github/workflows/codeql-analysis.yml:analyze/language:javascript</code> | ✓ Found | ✓ Found for 63e95a9 |
| <code>.github/workflows/codeql-analysis.yml:analyze/language:csharp</code> | ✓ Found | ✓ Found for 63e95a9 |

ANNOTATIONS

Check failure on line 805 in ch14/TailwindTradersBotComposer/scripts/provisionComposer.js

Code scanning

Clear-text logging of sensitive information High

Sensitive data returned by `an access to appPassword` is logged here.
Sensitive data returned by `an access to MicrosoftAppPassword` is logged here.
Sensitive data returned by `an access to appPassword` is logged here.
Sensitive data returned by `an access to appPassword` is logged here.

[Show more details](#)

[Show paths](#) [Dismiss](#)

Conversation 0

Commits 1

Checks 5

Files changed 1

Changes from all commits ▾ File filter ▾ Conversations ▾ Jump to ▾ ⚙ ▾

2 ch14/TailwindTradersBotComposer/scripts/provisionComposer.js ↗

↑ @@ -802,7 +802,7 @@

| | | |
|-----|-----|--|
| 802 | 802 | runtimeIdentifier: 'win-x64', |
| 803 | 803 | }; |
| 804 | 804 | |
| 805 | - | // console.log(chalk.white(JSON.stringify(profile, null, 2))); |
| | 805 | + console.log(chalk.white(JSON.stringify(profile, null, 2))); |

✖ Check failure on line 805 in ch14/TailwindTradersBotComposer/scripts/provisionComposer.js

Code scanning

Clear-text logging of sensitive information High

Sensitive data returned by [an access to appPassword](#) is logged here.

Sensitive data returned by [an access to appPassword](#) is logged here.

Sensitive data returned by [an access to appPassword](#) is logged here.

Sensitive data returned by [an access to appPassword](#) is logged here.

[Show more details](#)

False positive



password is logged here.

is logged here.

is logged here.

Used in tests

Won't fix

Show paths

Dismiss ▾

806 806

807 807 console.log('');

808 808 }

↓

Code scanning

Automatically detect common vulnerabilities and coding errors.

[Disable](#)

Check Failure

Define which alert severity should cause a pull request check to fail.

High or higher / Only errors ▾

Security

Only critical

High or higher

Medium or higher

Any

Other

Only errors

Errors and warnings

Any

Open from folder

Set current database

The screenshot shows the CodeQL interface. On the left is a sidebar with icons for file operations, search, and history. The main area has a title bar with 'CODEQL' and two tabs: 'example.ql' (selected) and 'example2.ql'. Below the tabs is a code editor window displaying a QL query. The code is as follows:

```
1  /**
2   * @name Empty block
3   * @kind problem
4   * @problem.severity warning
5   * @id javascript/example/empty-block
6   */
7
8 import javascript
9
10 from BlockStmt b
11 where b.getNumStmt() = 0
12 select b, "This is an empty block."
13
```

A dropdown menu is open over the sidebar, with the 'Set Current Database' option highlighted. Other options in the menu include 'Open from folder' and '...'. The sidebar also includes sections for 'DATABASES' (with 'Accelerate java...', 'Set Current Database', and 'AccelerateCS csharp' listed), 'QUERY HISTORY' (with a note to run 'CodeQL: Run Query'), and a 'Run Query' button.

```
1 import csharp
2
3 from CatchClause cc
4 where
5     cc.getBlock().isEmpty() and
6     not exists(CommentBlock cb | cb.getParent() = cc.getBlock()) and
7     cc.
8 select controlsBlo... predicate controlsBlock(BasicBlock controll...
```

- fromLibrary
- fromSource
- getAChild
- getAChildExpr
- getAChildStmt
- getAControlFlowEntryNode
- getAControlFlowExitNode
- getAControlFlowNode
- getALocation
- getAPrimaryQlClass
- getAqlClass

CodeQL Query Results ×

...

« 1 / 1 » example2.ql on AccelerateCS - finished in 0.018 seconds, 1 result count [1.1.2022, 09:54:26]

[Open example2.ql](#)

#select ▾

1 result

| # | cc | [1] |
|---|-------------|---|
| 1 | catch {...} | Poor error handling: empty catch block. |

Chapter 15: Securing Your Deployments

Code scanning

Add more scanning tools

| Latest scan | Branch | Workflow | Lines scanned | Duration | Result |
|----------------|--------|----------|-----------------|----------|-----------|
| 10 minutes ago | main | CodeQL | 1.45k / 1.39k ⓘ | 5m 26s | 21 alerts |

Filters ▾ tool:checkov is:open branch:main

Clear current search, filters and sorts

✓ 2 Open 0 Closed

Tool ▾ Rule ▾ Branch ▾ Severity ▾ Sort ▾

Ensure that S3 bucket has a Public Access block ⚠ Error

main

aws.tf:1 • Detected 15 minutes ago by checkov

Ensure that S3 bucket has cross-region replication enabled ⚠ Error

main

aws.tf:1 • Detected 15 minutes ago by checkov

wulfand / container-demo (Public)

Unwatch 1 Fork 1 Star 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

v1.1.0 Publish Docker image #8

Re-run all jobs ...

Summary

Triggered via release 3 days ago Status Success Total duration 1m 2s Artifacts 1

wulfand published v1.1.0

Jobs

build-and-push-image

release-container.yml
on: release

build-and-push-image 49s

Artifacts
Produced during runtime

| Name | Size |
|----------------------------------|---------|
| wulfand-container-demo.spdx.json | 49.7 KB |

wulfand / AccelerateDevOps (Public)

Unwatch 1 Fork 4 Star 2

Code Issues 20 Pull requests 31 Discussions Actions Projects 1 ...

Linus Torvalds torvalds
Portland, OR

Committed to this repository in the past day

torvalds committed 40 seconds ago

Commits on Jan 8, 2022

Update sbom.yml
wulfand committed 16 hours ago ✓

Verified

Any valid email address on GitHub links to the actual profile

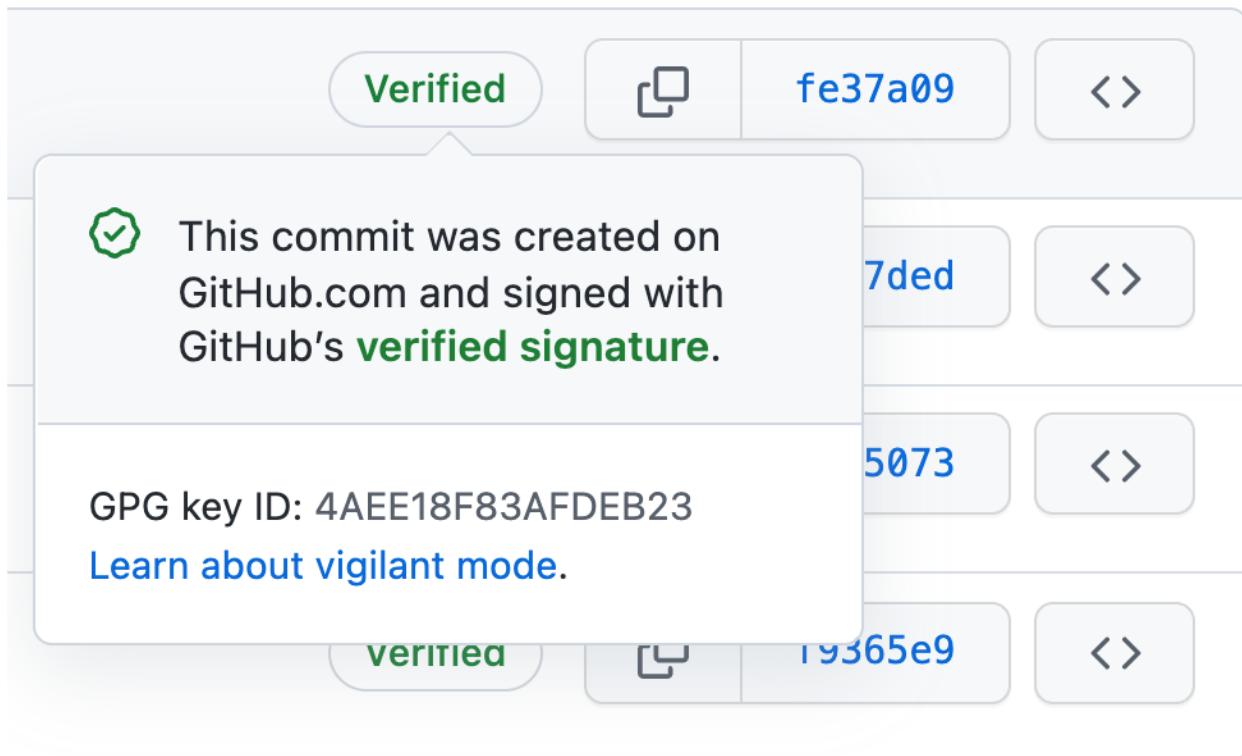
But the commit is not verified

Verified fe37a09 <>

This commit was created on GitHub.com and signed with GitHub's **verified signature**.

GPG key ID: 4AEE18F83AFDEB23
[Learn about vigilant mode.](#)

verified fe365e9 <>



```
MacBook-Pro:~/source/AccelerateDevOps torvalds$ git log -1 --show-signature
> git log -1 --show-signature
commit bb99f47152b2d9ecfdf372cd3da702e7b2b13470 (HEAD -> main)
gpg: Signature made So 9 Jan 11:24:06 2022 CET
gpg:                 using RSA key EC1031188BE09A8704EFFAD7A4E11737C8F499ED
gpg:                 issuer "torvalds@Linux-Foundation.org"
gpg: Good signature from "Linus Torvalds <torvalds@Linux-Foundation.org>" [ultimate]
Author: Linus Torvalds <torvalds@Linux-Foundation.org>
Date:   Sun Jan 9 11:23:57 2022 +0100
```

Signed commit

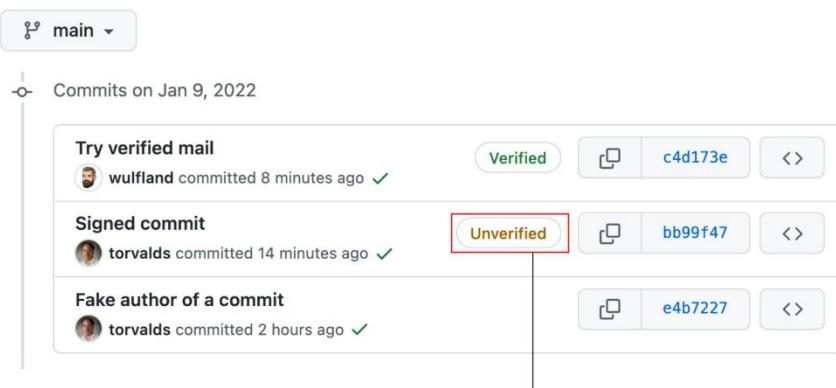
main ▾

-o Commits on Jan 9, 2022

Try verified mail
wulfland committed 8 minutes ago ✓ Verified c4d173e <>

Signed commit
torvalds committed 14 minutes ago ✓ Unverified bb99f47 <>

Fake author of a commit
torvalds committed 2 hours ago ✓ e4b7227 <>



Even a valid signed commit is unverified,
if the mail address is associated with
another GitHub handle

OWASP ZAP - OWASP ZAP 2.11.1

Standard Mode

Sites

Contexts

- Default Context
- HUD Context

Sites

- <http://edgedl.me.gvt1.com>
- <https://update.googleapis.com>
- <https://use.typekit.net>
- <https://p.typekit.net>
- <https://cdn.jsdelivr.net>
- <https://xyz-demo-shop.azurewebsites.net>
- <https://accounts.google.com>

Text #1.279 - 10/01/22, 12:15:08.766 - TEXT

```
{"event.type":"alert.added","event.publisher":"org.zaproxy.zap.extension.alert.AlertEventPublisher","event.target":{"target.nodes":["https://xyz-demo-shop.azurewebsites.net/static/js/2.c38abab7.chunk.js"],"target.inScopeOnly":false,"target.recurse":false,"target.maxChildren":-1,"target.maxDepth":-1},"riskString":"Low","param":"","historyId":116,"confidence":1,"name":"Timestamp Disclosure - Unix","risk":1,"alertId":209,"source":3,"uri":"https://xyz-demo-shop.azurewebsites.net/static/js/2.c38abab7.chunk.js","confidenceString":"Low"}
```

History Search Alerts Output WebSockets

| Channel | Timestamp | Opcode | Bytes | Payload |
|---------|------------------------|--------|-------|---|
| #1.276 | 10/01/22, 12:15:08.759 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.277 | 10/01/22, 12:15:08.761 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.278 | 10/01/22, 12:15:08.763 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.279 | 10/01/22, 12:15:08.766 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.280 | 10/01/22, 12:15:08.769 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.281 | 10/01/22, 12:15:08.772 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.282 | 10/01/22, 12:15:08.775 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.283 | 10/01/22, 12:15:08.778 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.284 | 10/01/22, 12:15:08.783 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.285 | 10/01/22, 12:15:08.786 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.286 | 10/01/22, 12:15:08.788 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.287 | 10/01/22, 12:15:08.792 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.288 | 10/01/22, 12:15:08.797 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |
| #1.289 | 10/01/22, 12:15:08.801 | 1=TEXT | 546 | {"event.type":"alert.added","event.p... |

Alerts 0 2 6 1 Primary Proxy: localhost:8080 Current Scans 0 0 0 34 0 0 0 0 0 0 0 0

Tailwind Traders Not Secure | https://xyz-demo-shop.azurewebsites.net

OWASP ZAP intercepts the traffic

Chrome is being controlled by automated test software.

TAILWIND TRADERS Login

Free Shipping* For \$300 or more orders

Out Off 0 1 4 0 + Heads-Up Display (HUD) to analyze and attack the site using the spider

start smart shopping By uploading a photo

HIGHLY RECOMMENDED!

Items can be customized

History 37 WebSockets

Q OWASP ZAP



Sort: Best Match

3 results for "OWASP ZAP"

Actions



OWASP ZAP Full Scan

By zaproxy

Scans the web application with the OWASP ZAP Full Scan

115 stars



OWASP ZAP API Scan

By zaproxy

Scans the web application with the OWASP ZAP API Scan

2 stars



OWASP ZAP Baseline Scan

By zaproxy

Scans the web application with the OWASP ZAP Baseline Scan

188 stars

ZAP Scanning Report

Sites: <http://xyz-demo-shop.azurewebsites.net> <https://xyz-demo-shop.azurewebsites.net>

Generated on Sun, 9 Jan 2022 19:16:45

Summary of Alerts

| Risk Level | Number of Alerts |
|-----------------|------------------|
| High | 0 |
| Medium | 3 |
| Low | 8 |
| Informational | 3 |
| False Positives | 0 |

A report is added as a build artifact in HTML, JSON, and Markdown

Alerts

| Name | Risk Level | Number of Instances |
|--|---------------|---------------------|
| Content Security Policy (CSP) Header Not Set | Medium | 3 |
| Missing Anti-clickjacking Header | Medium | 3 |
| Proxy Disclosure | Medium | 18 |
| Cookie with SameSite Attribute None | Low | 2 |
| Cookie without SameSite Attribute | Low | 2 |
| HTTPS Content Available via HTTP | Low | 11 |
| Incomplete or No Cache-control Header Set | Low | 5 |
| Private IP Disclosure | Low | 1 |
| Strict-Transport-Security Header Not Set | Low | 11 |
| Timestamp Disclosure - Unix | Low | 20 |
| X-Content-Type-Options Header Missing | Low | 11 |
| Cookie Stack Detector | Informational | 18 |
| Information Disclosure - Suspicious Comments | Informational | 2 |
| Modern Web Application | Informational | 4 |

ZAP Full Scan Report #173

[Open](#) github-actions bot opened this issue 21 hours ago · 0 comments

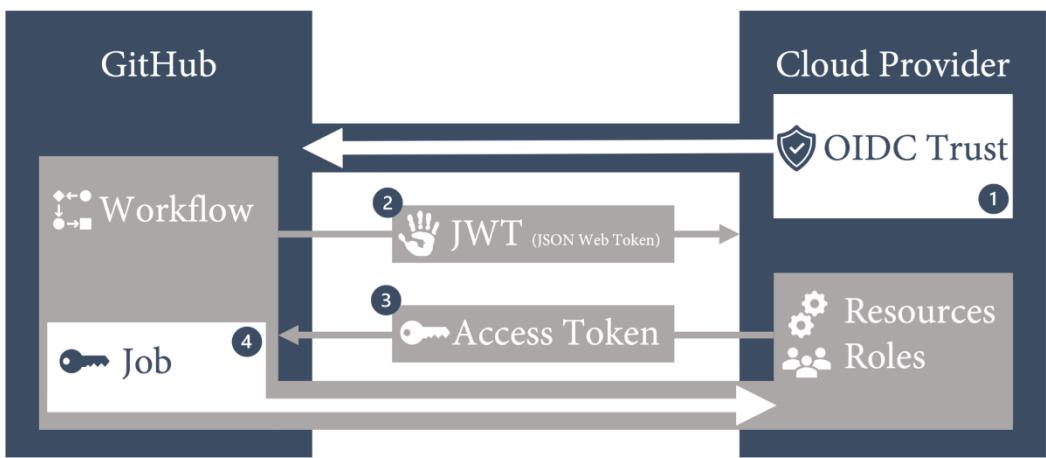
A GitHub Issue is created with a link to the workflow run

Alert Detail

| Medium | Content Security Policy (CSP) Header Not Set |
|-------------|---|
| Description | Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate including Cross Site Scripting (XSS) and data injection attacks. These attacks are used to site defacement or distribution of malware. CSP provides a set of standard HTTP header controls that limit allowed sources of content that browsers should be allowed to load c types are JavaScript, CSS, HTML, frames, fonts, images and embeddable objects such as audio and video files. |

URL <https://xyz-demo-shop.azurewebsites.net/>

- Content Security Policy (CSP) Header Not Set [10038] total: 3:
 - <https://xyz-demo-shop.azurewebsites.net/>
 - <https://xyz-demo-shop.azurewebsites.net/robots.txt>
 - <https://xyz-demo-shop.azurewebsites.net/sitemap.xml>
- Missing Anti-clickjacking Header [10020] total: 3:
 - <https://xyz-demo-shop.azurewebsites.net/>
 - <https://xyz-demo-shop.azurewebsites.net/robots.txt>
 - <https://xyz-demo-shop.azurewebsites.net/sitemap.xml>
- Proxy Disclosure [40025] total: 18:
 - <https://xyz-demo-shop.azurewebsites.net/>
 - <https://xyz-demo-shop.azurewebsites.net/robots.txt>
 - <https://xyz-demo-shop.azurewebsites.net/apple-touch-icon.png>
 - <https://xyz-demo-shop.azurewebsites.net/favicon-16x16.png>
 - <https://xyz-demo-shop.azurewebsites.net/favicon-32x32.png>



Add a credential

...

Create a federated credential to connect a GitHub Actions workflow with Azure AD, enabling resources to be deployed without storing secrets. A maximum of 20 federated credentials can be added to an application.

Federated credential scenario *

GitHub Actions deploying Azure resources

 GitHub Actions is the only credential currently available. [Edit](#)

Connect your GitHub account

Please enter the details of your GitHub Actions workflow that you want to connect with Azure Active Directory. These values will be used by Azure AD to validate the connection and should match your GitHub OIDC configuration.

Organization *

wulfland



Repository *

AccelerateDevOps



Entity type *

Environment



GitHub environment name *

Prod



Credential details

Provide a name and description for this credential and review other details.

Name * 

ProdCred



Description 

Limit of 200 characters

Issuer

<https://token.actions.githubusercontent.com>

[Edit \(optional\)](#)

Audience 

<api://AzureADTokenExchange>

[Edit \(optional\)](#)

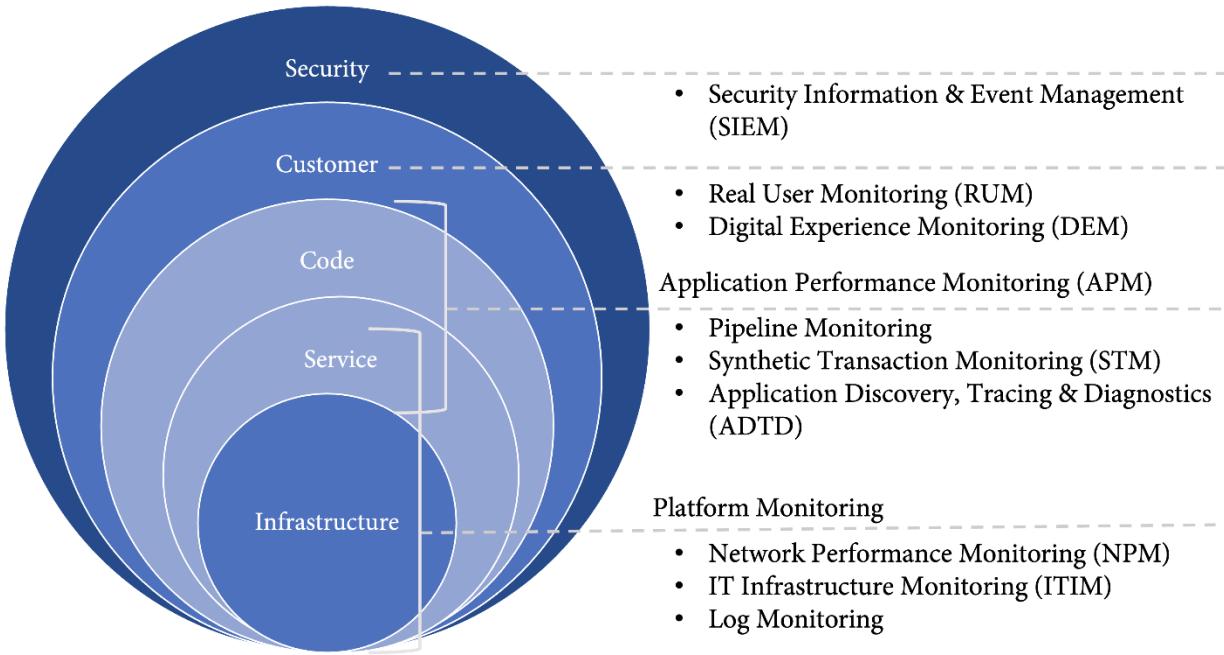
Subject identifier 

repo:wulfland/AccelerateDevOps:environment:Prod

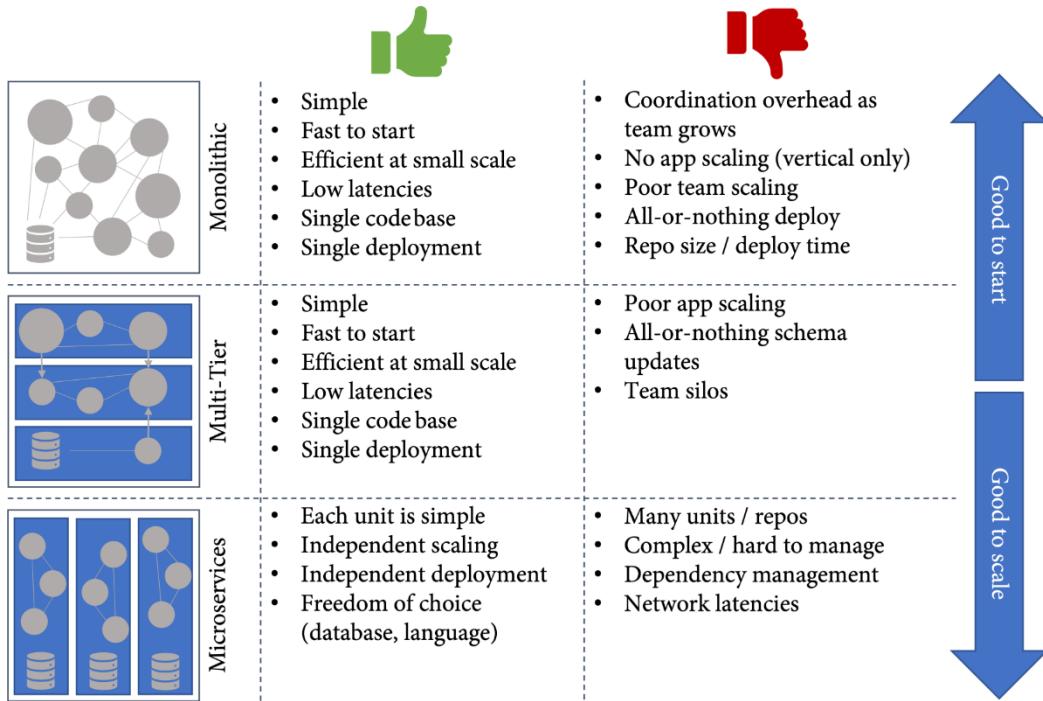
This value is generated based on the GitHub account details provided. [Edit \(optional\)](#)

[Add](#)

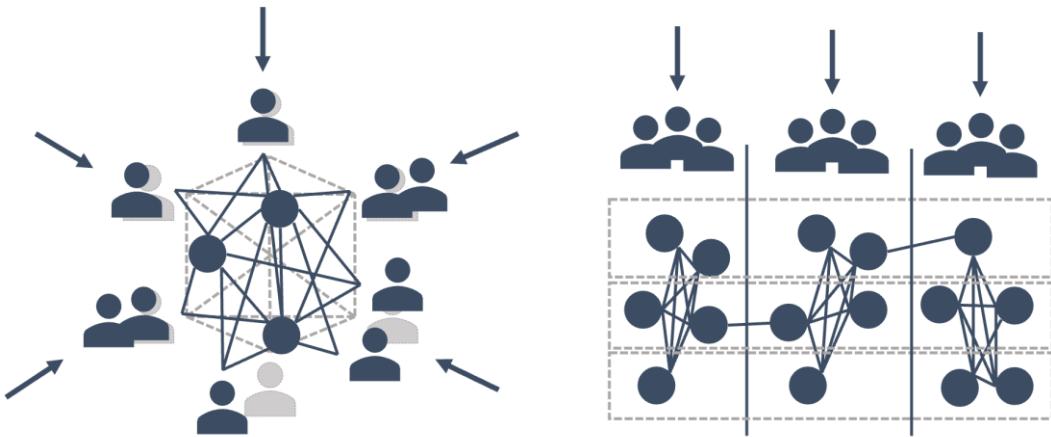
[Cancel](#)



Chapter 16: Loosely Coupled Architecture and Microservices

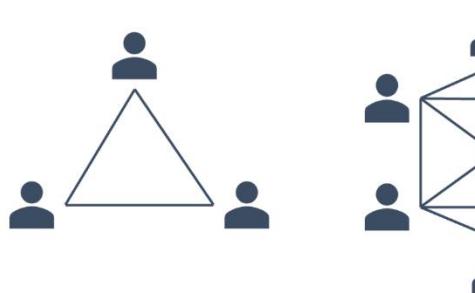


Chapter 17: Empower Your Teams



Spaghetti design

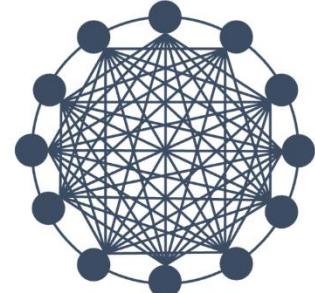
Modularized design



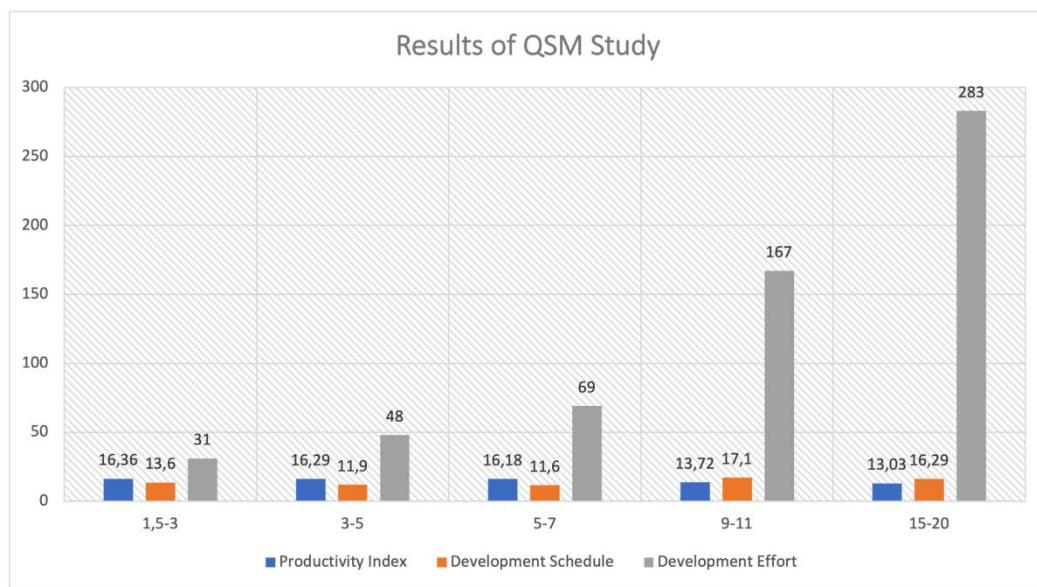
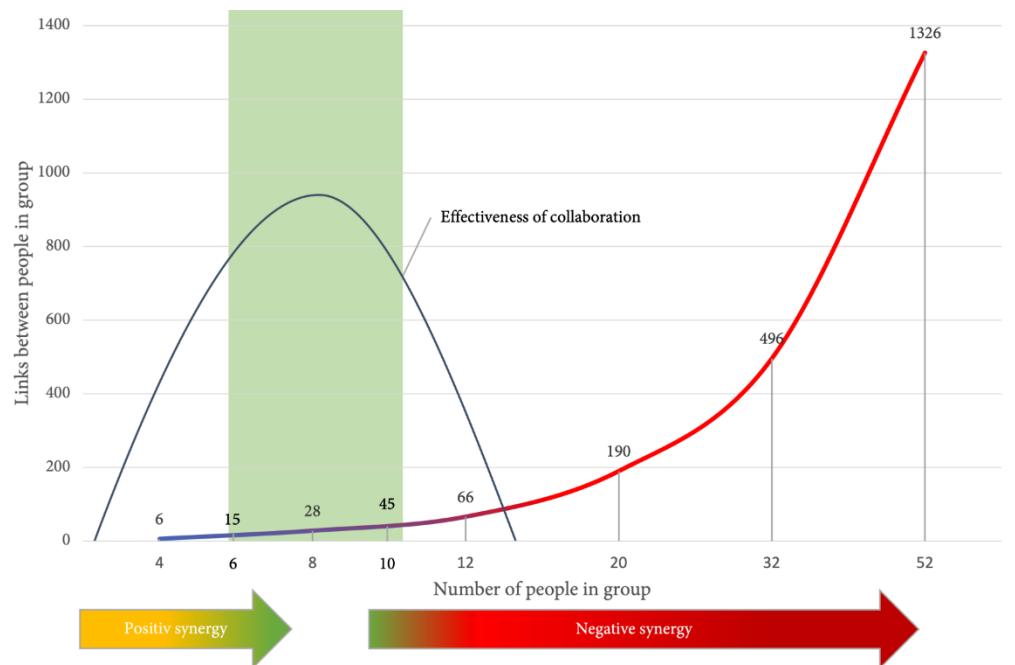
3 Member
3 Links

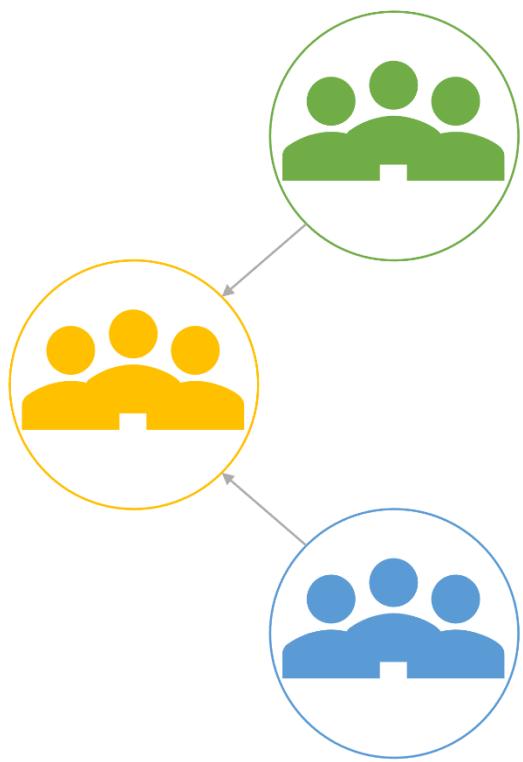


6 Member
15 Links



12 Member
66 Links

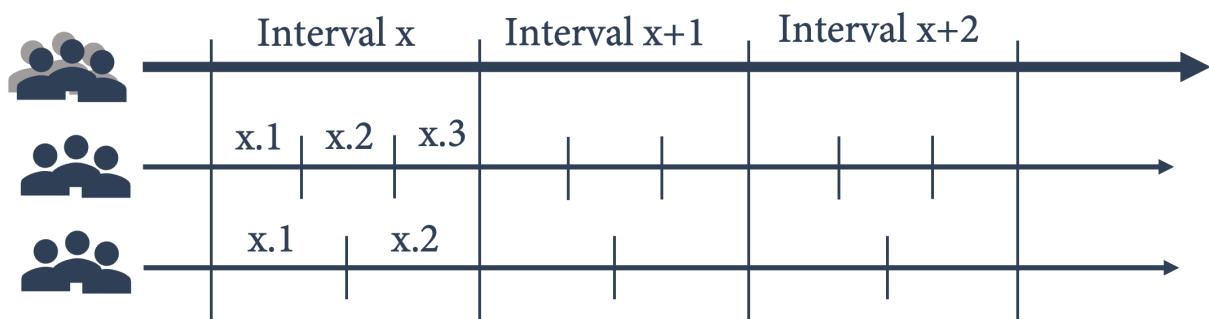
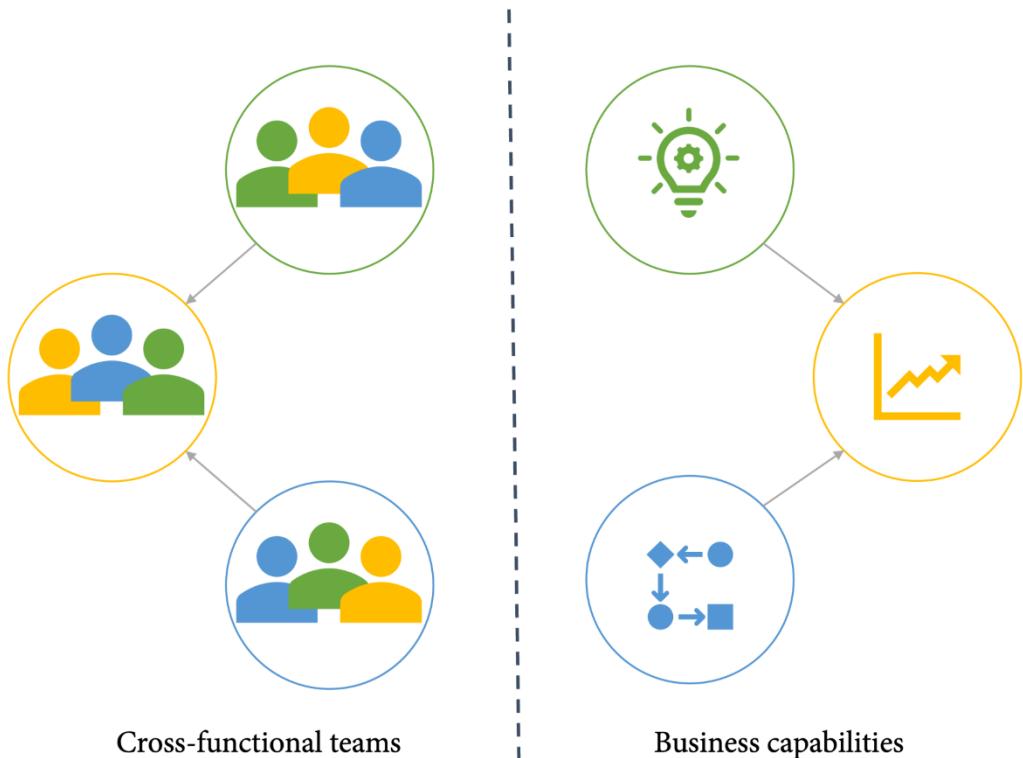


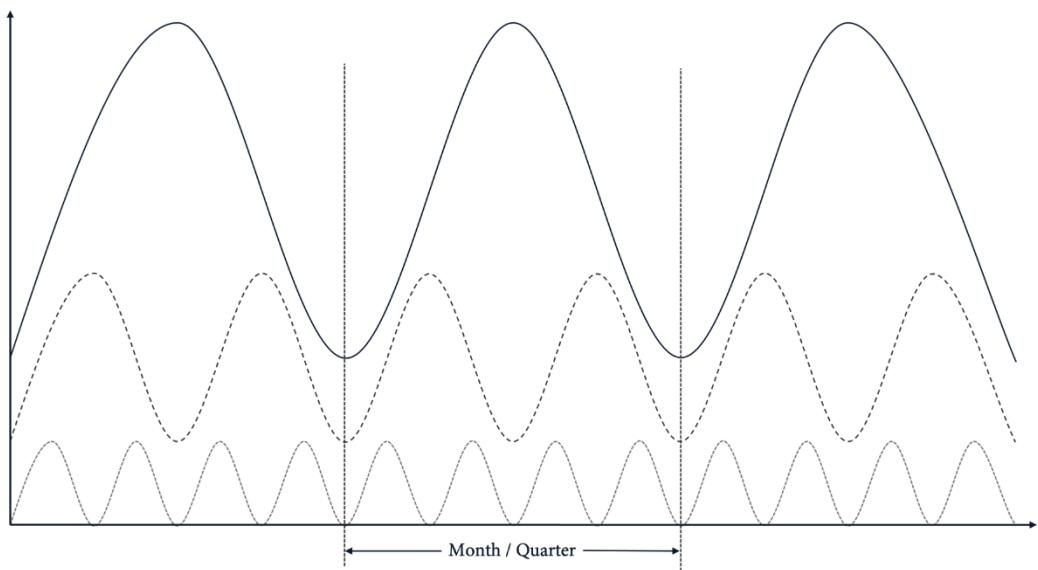


Functional teams



Layered architecture





About



This is the companion repository for the book Accelerate DevOps with GitHub (2022). You can find all hands-on labs and other examples from the book here. Please reach out to me if something is broken.

🔗 wulfland.github.io/acceleratedevops/

 [github](#)  [devops](#)

 Readme

 MIT License

 3 stars

 0 watching

 6 forks

topic:github

Type Language Sort New

1 result for repositories matching topic:github sorted by last updated Clear filter

AccelerateDevOps Public

This is the companion repository for the book Accelerate DevOps with GitHub (2022). You can find all hands-on labs and other examples from the book here. Please reach out to me if something is broken.

Starred

github devops

1 package JavaScript 3 6 MIT License Updated 14 hours ago

Overview Repositories 75 Projects Packages Stars 38 Sponsoring 2

Create list

Actions Actions to remember and often used in workflows. 5 repositories

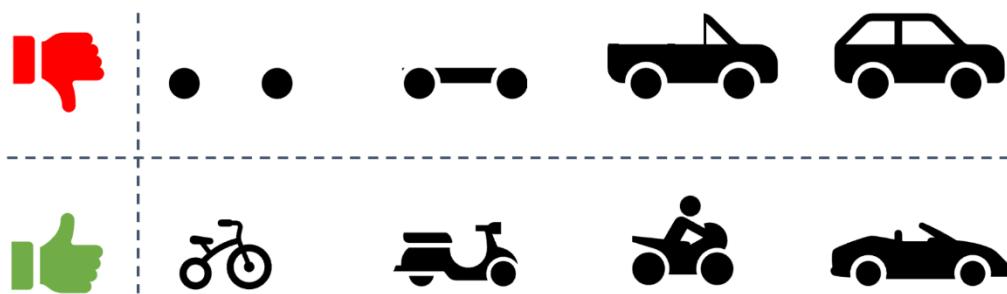
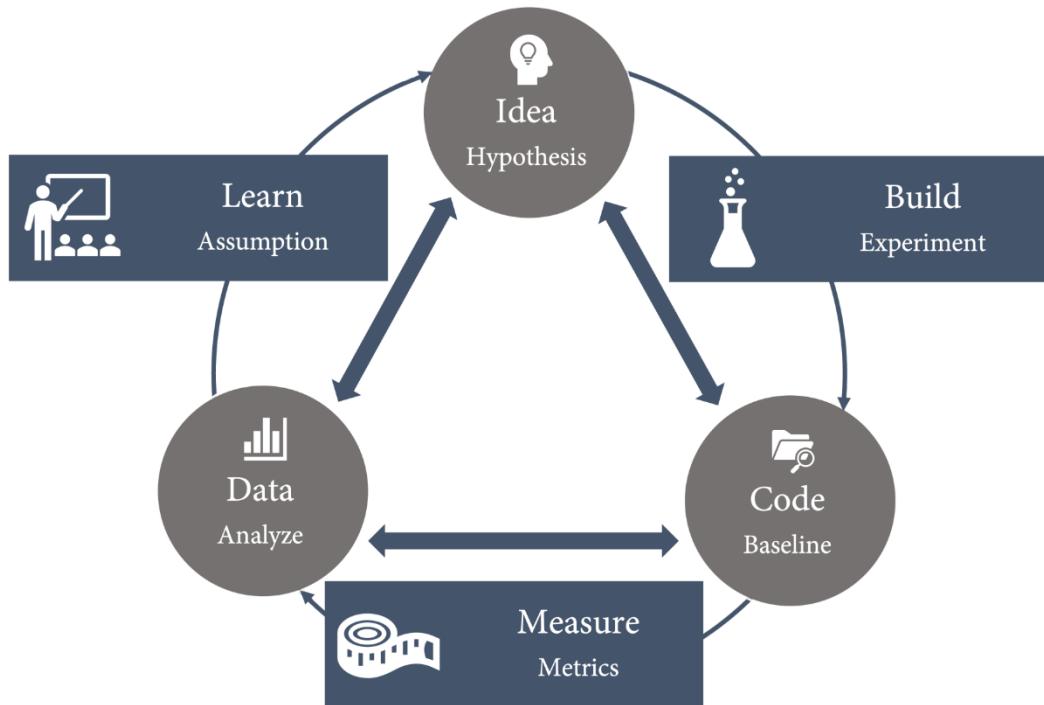
Sponsored Sponsored repos. 2 repositories

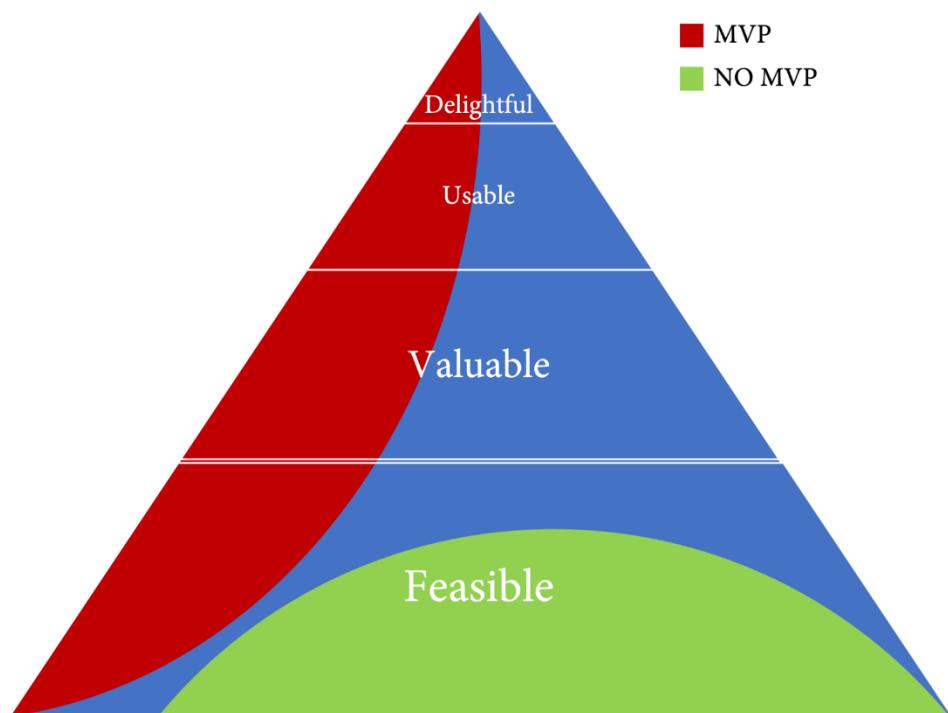
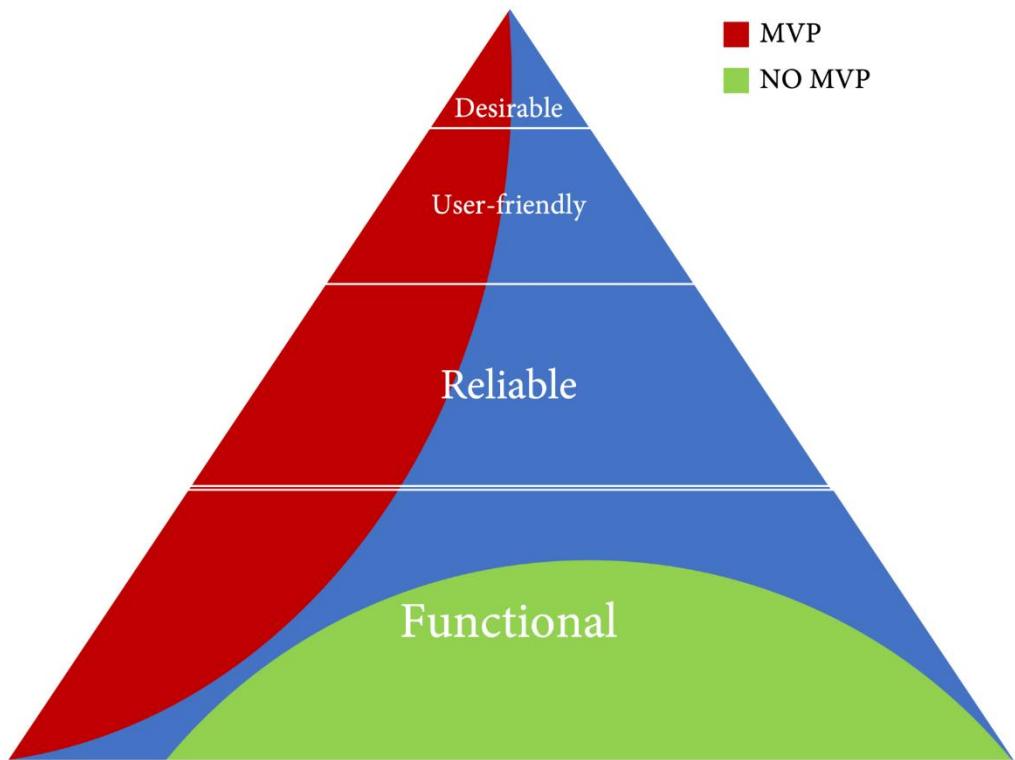
My Favorites My favourite repositories used often. 4 repositories

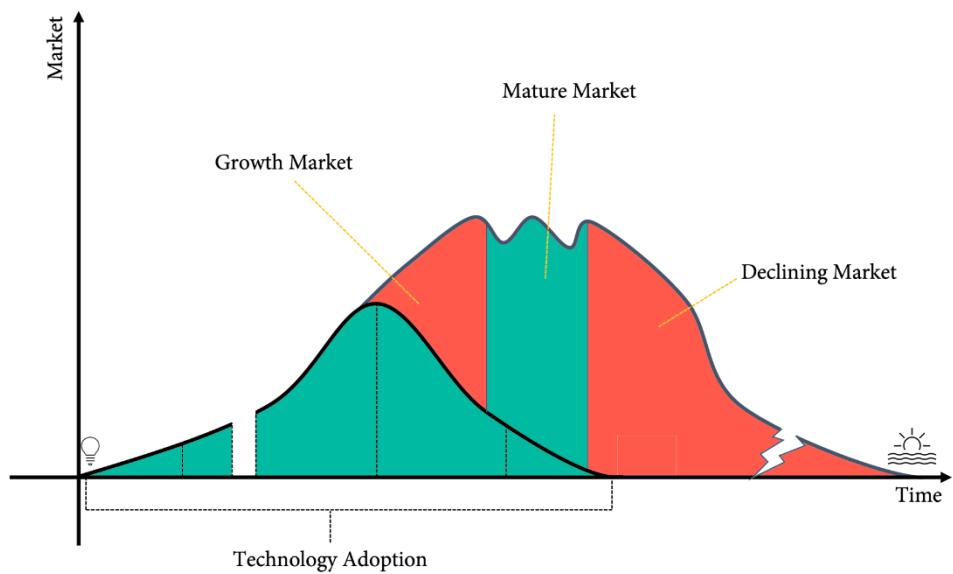
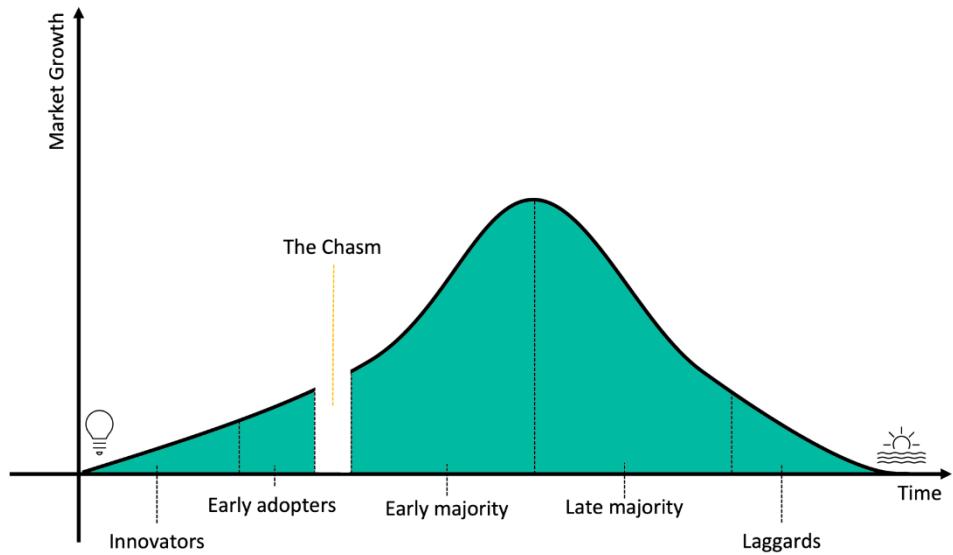
Security Security related repos. 5 repositories

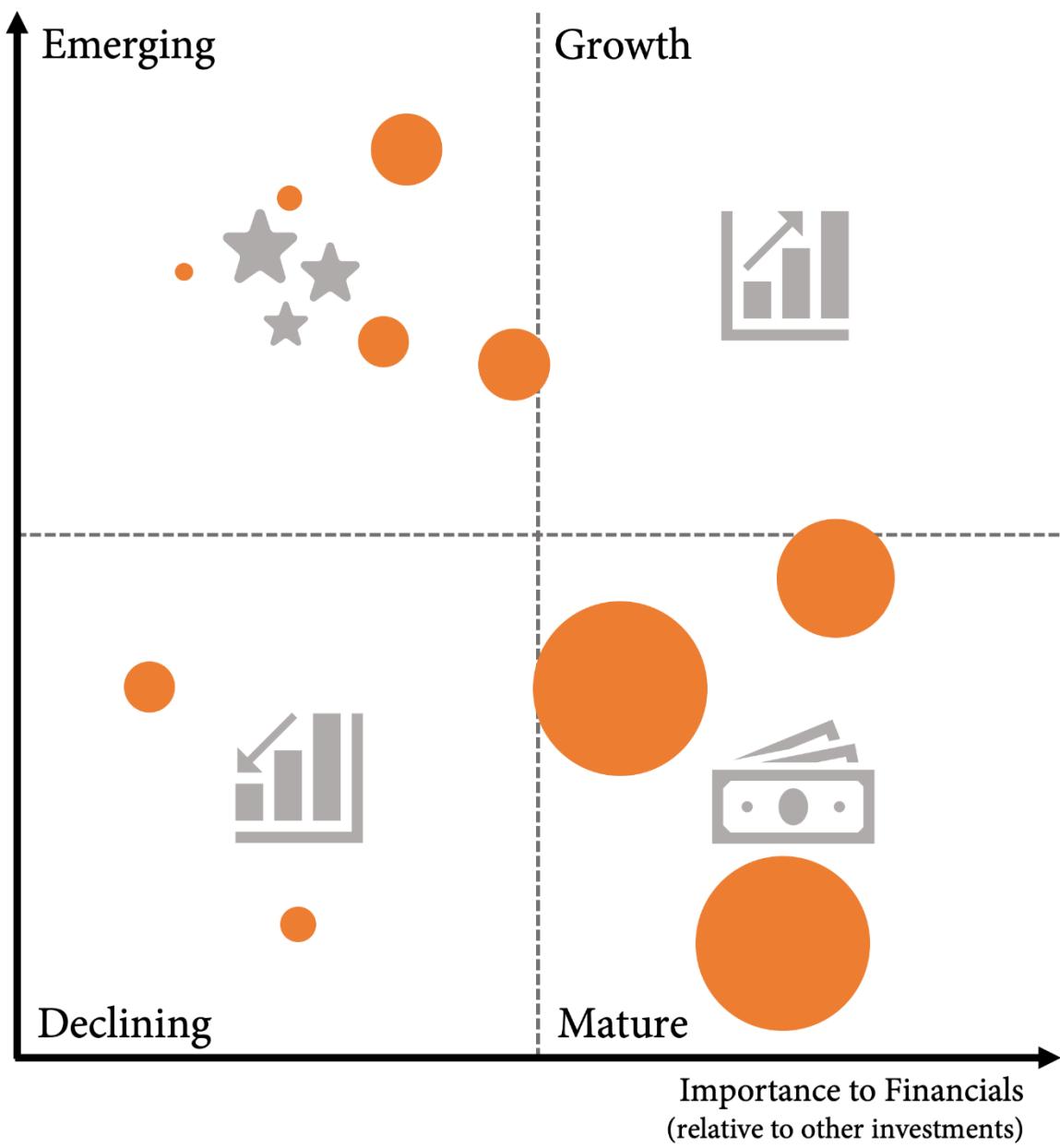
Beta Lists are currently in beta. Share feedback and report bugs.

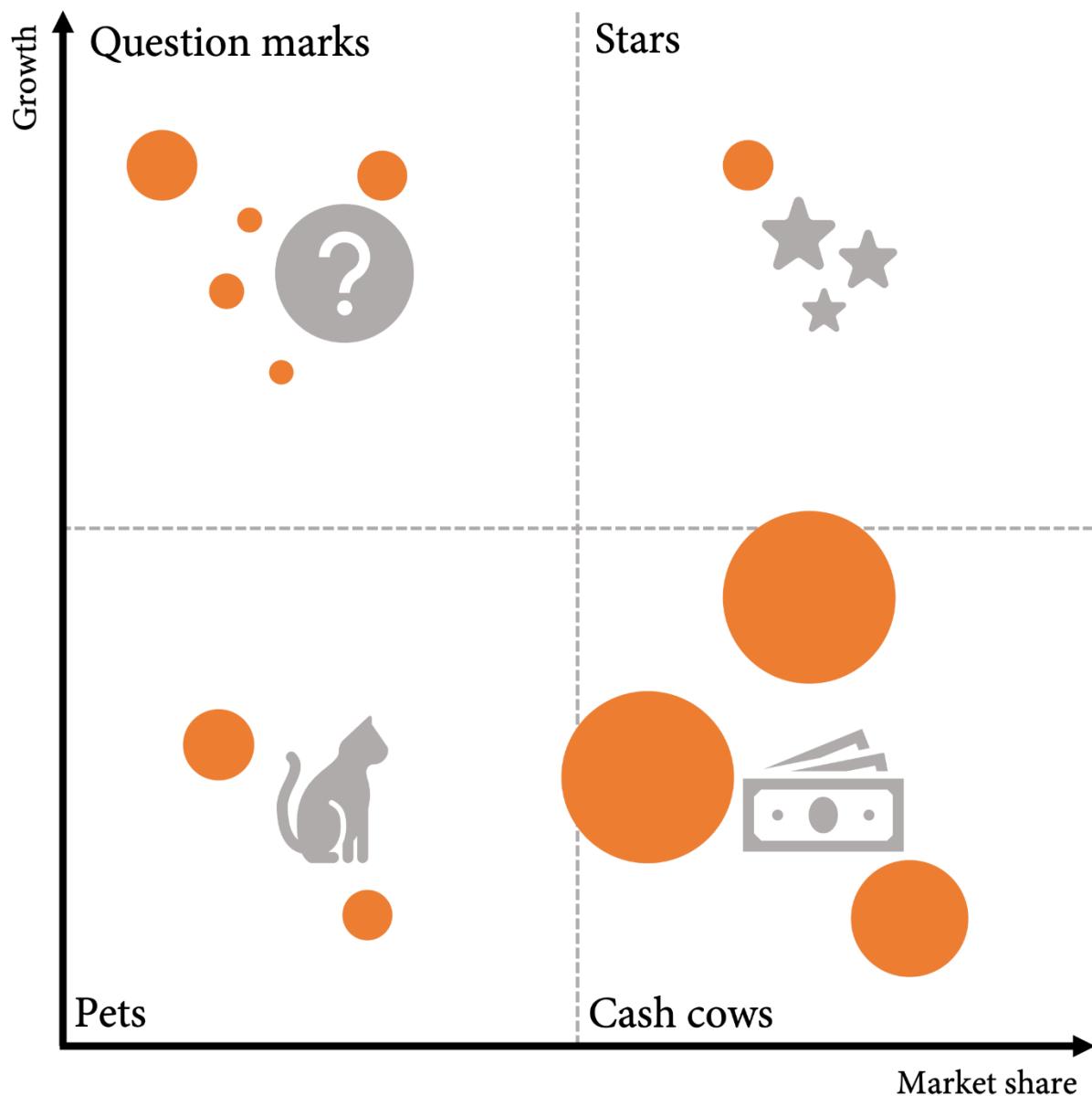
Chapter 18: Lean Product Development and Lean Startup

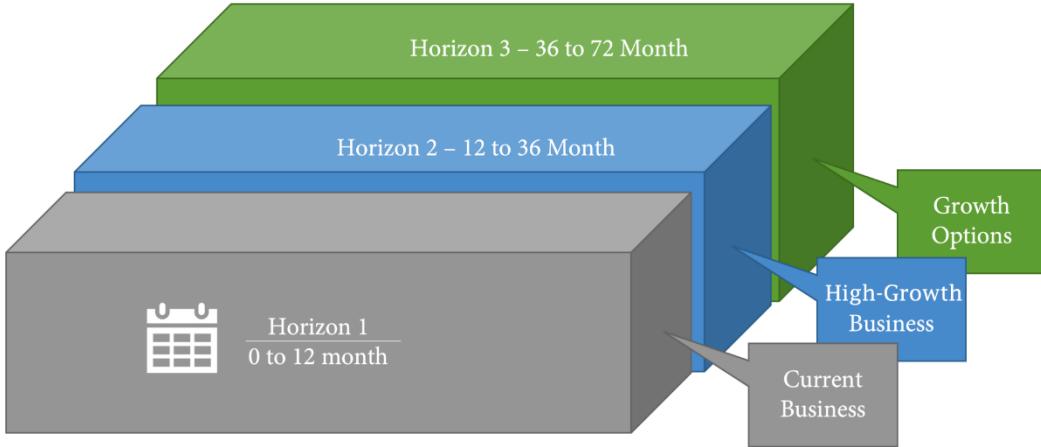












The Business Model Canvas

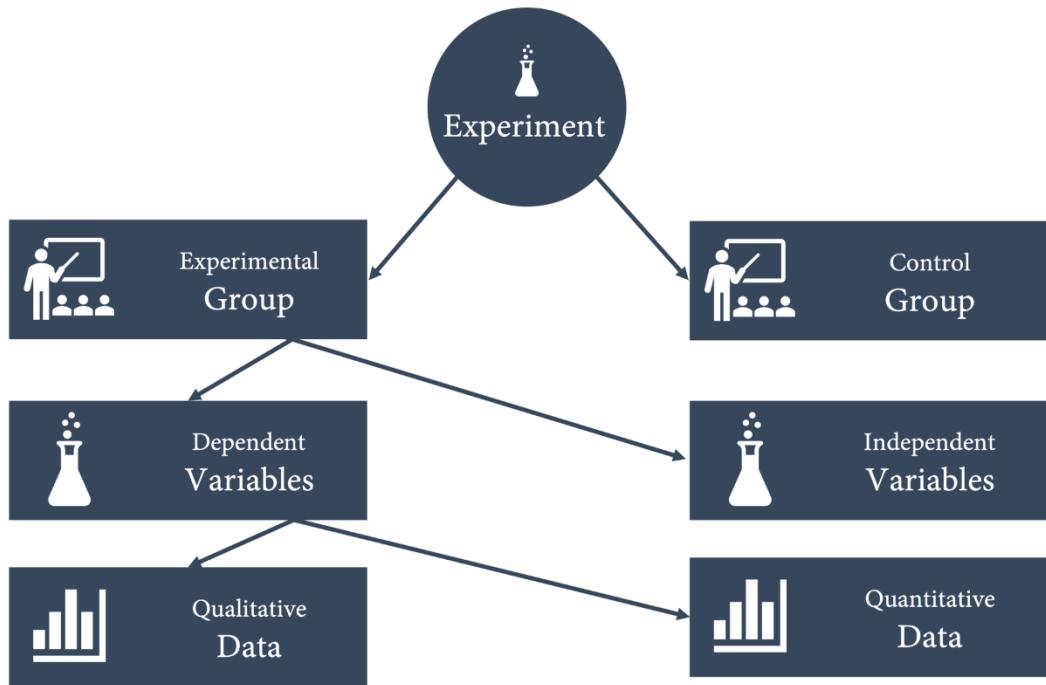
| | | Designed for: | Designed by: | Date: | Version: |
|--|---|---|---|---|--|
| Key Partners
<small>Who are our key partners? What value do they provide? Which key resources are we acquiring from partners? How do we compensate partners?</small> | Key Activities
<small>What key activities do our value propositions require? What customer relationships are required?</small> | Value Propositions
<small>What value do we deliver to the customer? What are the unique selling points we have helping to solve the customer's problem? What products and services are we providing? What customer needs are we satisfying?</small> | Customer Relationships
<small>What type of relationship does each of our customer segments have with us? When was it established? How often do they engage with us? How does this compare with the rest of our business? And why?</small> | Customer Segments
<small>For whom are we creating value? Who are our most important customers?</small> | |
| | | | | | <input checked="" type="checkbox"/> Entrepreneur
Start-up
Gathering the Team
Raising Capital
Marketing
Product Development
And Acquisition
Collaboration
Competitors
Champions |
| Key Resources
<small>What key resources do our value propositions require? What customer relationships are required?</small> | Channels
<small>Through which channels do our customer segments access our value proposition? How are our channels integrated? What are our most cost efficient? How are we providing them with customer support?</small> | Cost Structure
<small>What are the most important costs inherent in our business model? What are our fixed costs? Which key activities are most expensive?</small> | Revenue Streams
<small>For what value are our customers ready willing to pay? What are their payment terms? How are they currently paying? How much does each revenue stream contribute to overall revenue?</small> | Revenue Streams
<small>Primary
Secondary
Tertiary
Intangible
Customer Support
Customer Payment
Customer Marketing
Customer Development
Customer Management
Real-time Market</small> | |
| | | | | | <input checked="" type="checkbox"/> Customer
Individual Personal Assistance
Business-to-Business
Community
Champions |

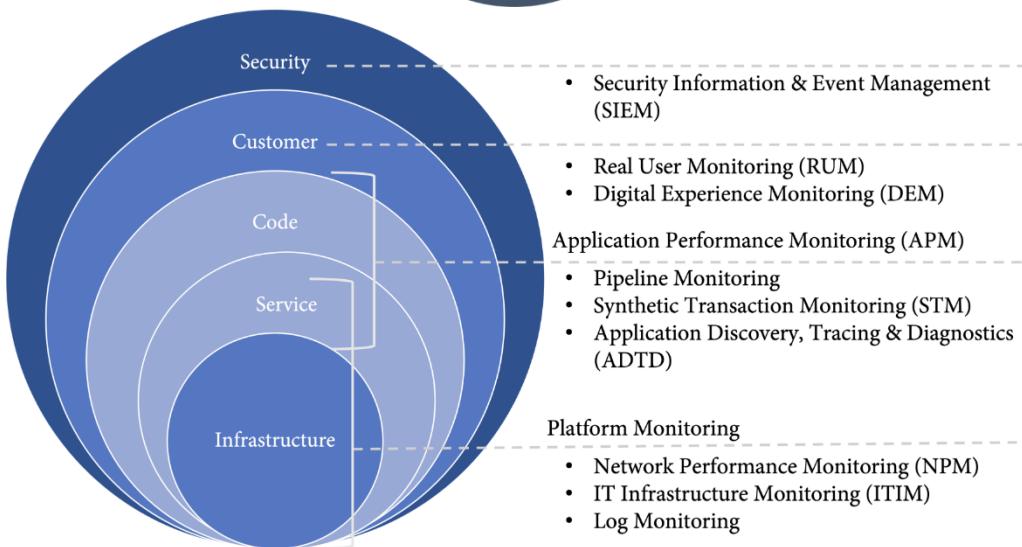
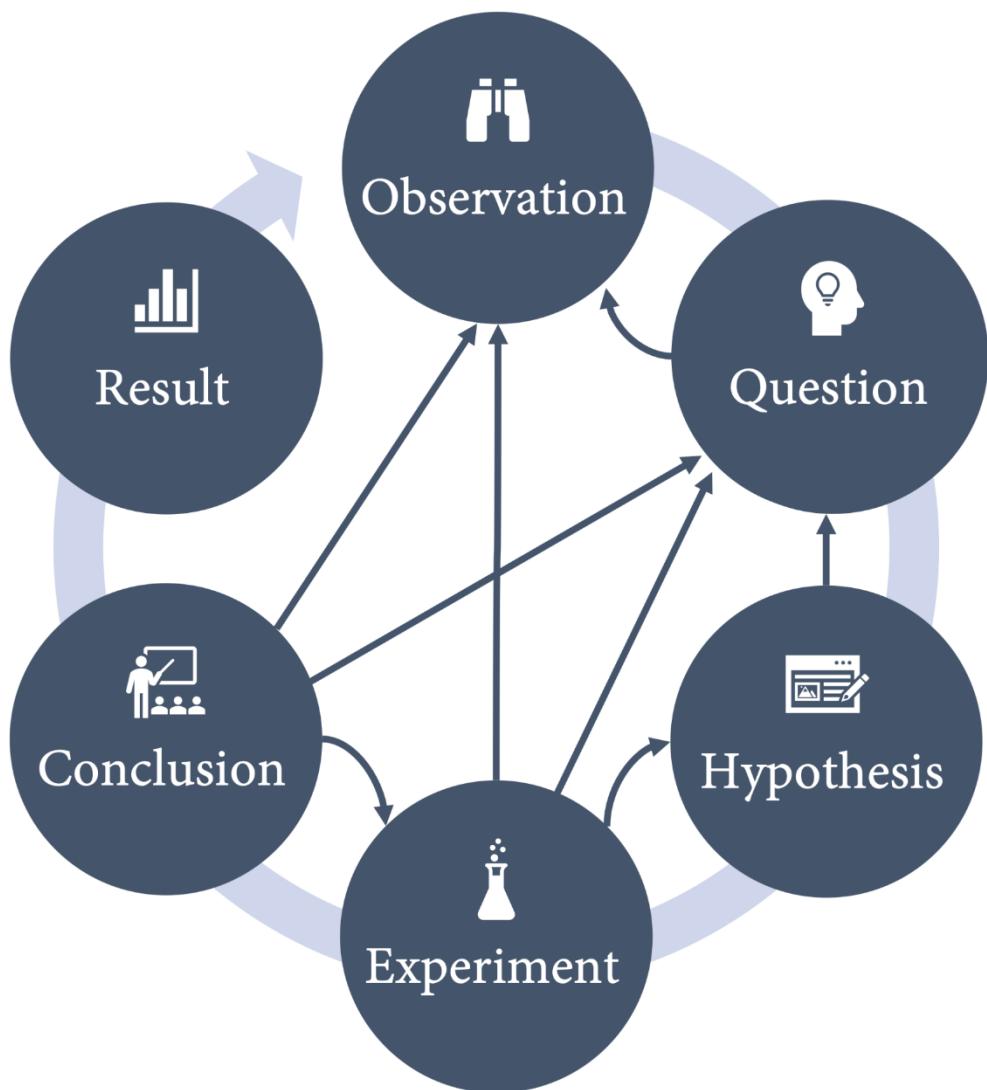
DESIGNED BY: Business Model Foundry AG
Creative Commons Attribution Non-Commercial License
This work is licensed under the Creative Commons Attribution Non-Commercial license v3.0 or later. To view a copy of this license, visit
<http://creativecommons.org/licenses/by-nd/3.0/> or send a letter to Creative Commons, 171 Second Street, Suite 900, San Francisco, California, 94107, USA.

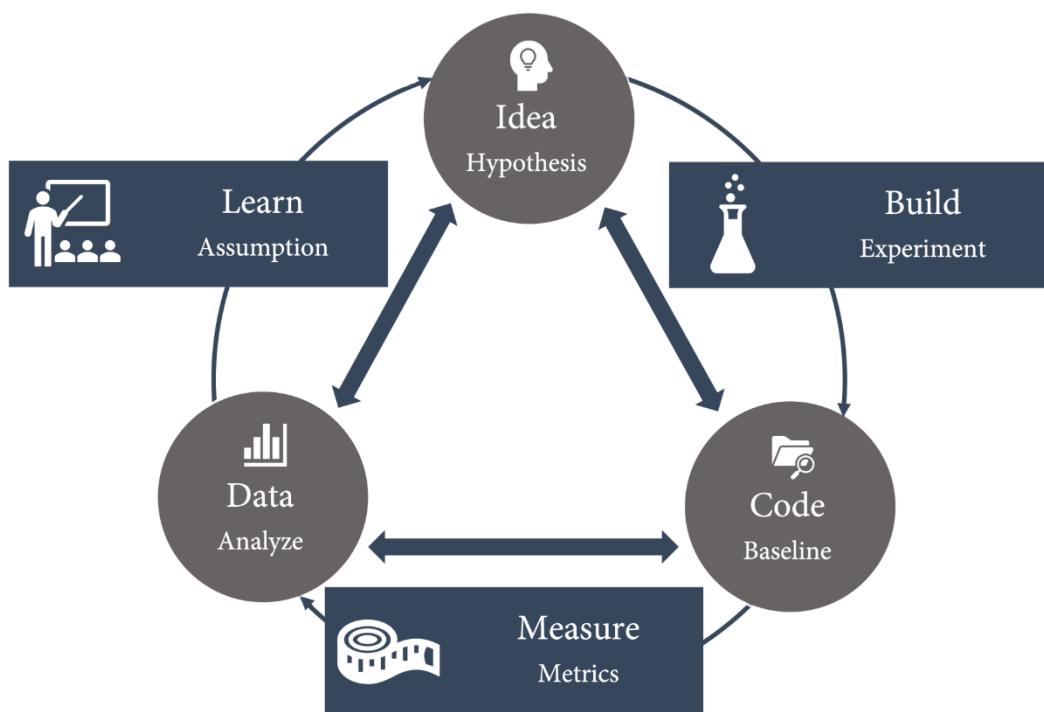
Strategyzer
strategyzer.com

Chapter 19: Experimentation and A|B-Testing









[Back to all experiments](#)

Sample Experiment ● Stopped won

Started: 7 days ago Ended: less than a minute ago [watch](#)

[Info](#) [Results](#) [Discussion](#) [History](#)

Variation beat the control and won!

Calling this test a winner given the significant increase in conversions! 🎉

Revenue did not reach 95% significance, but the risk is so low it doesn't seem worth it to keep waiting.

Ready to get some wins yourself? [Finish setting up your account](#)

last updated less than a minute ago [Update Data](#) [⋮](#)

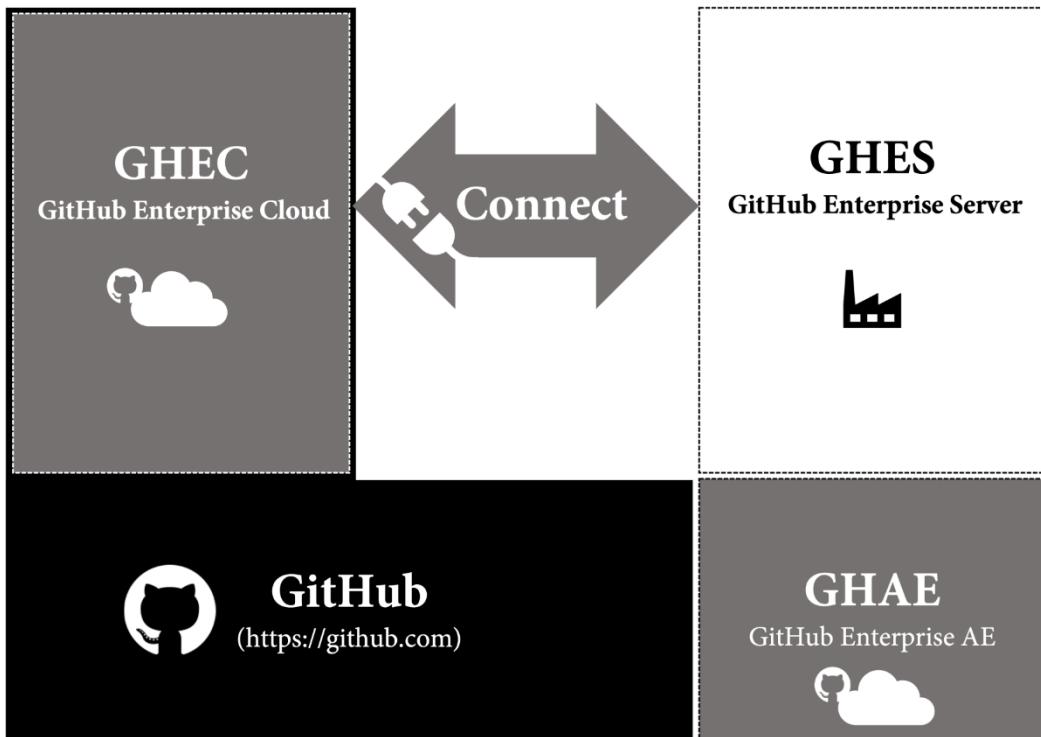
Metrics [Add/Remove Metrics](#)

[Configure Analysis](#) [Re-run All Queries](#) [Add/Remove Metrics](#)

| Metric | Risk of Choosing ?
1: Variation ▼ | 0: Control | | 1: Variation | | Percent Change ? | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|------------------------|-----|----------------------------------|----|-----|-----|-----|--------|
| | | Value | Value | Chance to Beat Control | | | | | | | |
| Users | | 15,500 | 15,400 | | -5% | 0% | 5% | 10% | 15% | 20% | |
| Sample Conversions | 0.05% | 6.13%
950.0 / 15,500 | 6.66%
1,025 / 15,400 | 97.08% | | | | | | | ↑ 8.6% |
| Sample Revenue per User | 0.98%
US\$0.02 / user | US\$1.63
US\$25,213 / 15,500 | US\$1.67
US\$25,758 / 15,400 | 70.22% | | | | | | | ↑ 2.8% |

Click the 3 dots next to the Update button above to configure this report, download as a Jupyter notebook, and more.

Chapter 20: GitHub: The Home for All Developer



The screenshot shows the GitHub Connect settings page in the GitHub Enterprise interface. The top navigation bar includes the GitHub logo, the URL "https://github.com", and various status metrics like "328 jobs", "1.2s render", and "1.25".

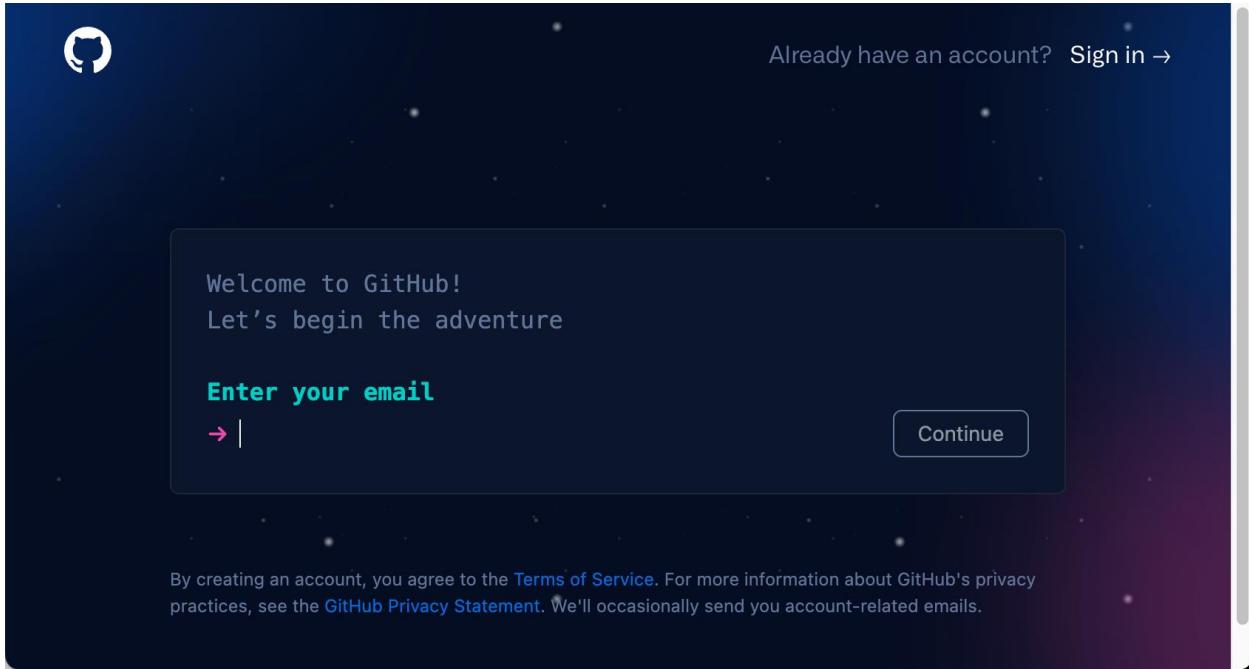
The left sidebar shows the organization structure:

- Xpirit (selected)
- Organizations
- People
- Policies
- GitHub Connect** (selected)
- Settings

The main content area is titled "GitHub Connect" and describes its purpose: "GitHub Connect lets you share specific features and workflows between your GitHub Enterprise instance and a GitHub.com enterprise account or enterprise organization." It lists several features with enable/disable buttons:

- xpirit-nederland (enterprise)** (button: Disable GitHub Connect)
- License sync** (button: Enable)
- Unified search** (button: Disable)
- GitHub.com actions** (button: Disable)
- Unified contributions** (button: Enable)

| Free | Team | Enterprise |
|--|---|---|
| <p>\$ 0 per user/month</p> <ul style="list-style-type: none"> ✓ Unlimited public and private repositories ✓ Public repositories: <ul style="list-style-type: none"> ✓ Actions free ✓ Packages free ✓ Private repositories: <ul style="list-style-type: none"> ✓ 2,000 Actions minutes ✓ 500MB Package storage ✓ Dependency graph ✓ Dependabot | <p>\$ 4 per user/month</p> <ul style="list-style-type: none"> ✓ 3,000 GitHub Actions minutes ✓ 2GB Package storage ✓ Access to Codespaces ✓ Protected branches ✓ Codeowners ✓ Advances pull request features | <p>\$ 21 per user/month</p> <ul style="list-style-type: none"> ✓ 50,000 GitHub Actions minutes ✓ 50GB Package storage ✓ Server and Cloud ✓ GitHub Connect ✓ Single sign-on (SAML, LDAP) ✓ IP allow list ✓ Enterprise Managed Users ✓ SCIM ✓ Auditing / Policies <p>Available add-ons:</p> <ul style="list-style-type: none"> ✓ Premium Support ✓ Advanced Security |
| | | |



The image shows the GitHub account creation landing page. It features a dark blue background with a central light blue rectangular form. At the top left is the GitHub logo. At the top right, it says "Already have an account? [Sign in →](#)". Inside the form, the text "Welcome to GitHub! Let's begin the adventure" is displayed. Below this, there is a field labeled "Enter your email" with a placeholder "→ |". To the right of the input field is a "Continue" button. At the bottom of the page, a small note states: "By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails."



Already have an account? [Sign in →](#)

Welcome to GitHub!
Let's begin the adventure

Enter your email

✓ mike.kaufmann@gmail.com

Create a password

✓*

Enter a username

→ kaufm77

[Continue](#)

kaufm77 is available.



By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.

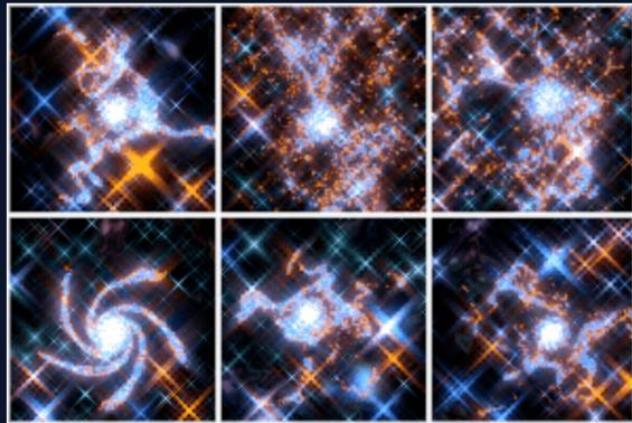
**Would you like to receive product updates and
announcements via email?**

Type "y" for yes or "n" for no

✓ y

Verify your account

Klicken Sie auf die Spiralgalaxie.



You're almost done!

We sent a launch code to mike.kaufmann@gmail.com

→ Enter code

Didn't get your email? [Resend the code](#) or [update your email address](#).

SAML single sign-on

Manage your organization's membership while adding another level of security with SAML. [Learn more](#)

Enable SAML authentication

Enable SAML authentication for your organization through an identity provider like Azure, Okta, OneLogin, Ping Identity or your custom SAML 2.0 provider.

Sign on URL

Members will be forwarded here when signing in to your organization

Issuer

Typically a unique URL generated by your SAML identity provider

Public certificate

Your SAML provider is using the RSA-SHA256 Signature Method and the SHA256 Digest Method. [🔗](#)

The assertion consumer service URL is <https://github.com/orgs/accelerate-devops/saml/consume>.

[Test SAML configuration](#)

Before enabling test your SAML SSO configuration

Browse Azure AD Gallery ...

[+ Create your own application](#) [Request new gallery app](#) | [Got feedback?](#)

The Azure AD App Gallery is a catalog of thousands of apps that make it easy to deploy and configure single sign-on (SSO) and automated user provisioning. When deploying an app from the App Gallery, you leverage prebuilt templates to connect your users more securely to their apps. Browse or create your own application here.

x Single Sign-on : All User Account Management : All Categories : All

 Federated SSO  Provisioning

Showing 10 of 10 results

| | | |
|--|---|---|
| 
GitHub Enterprise Cloud - Enterprise Account
GitHub
 | 
GitHub Enterprise Cloud - Organization
GitHub
  | 
GitHub Enterprise Managed User (OIDC)
GitHub
  |
| 
GitHub Enterprise Server
GitHub, Inc
  | 
GitHub Enterprise Managed User
GitHub, Inc
  | 
GHAE
GitHub, Inc
  |
| 
Active Directory for GitHub Enterprise
Integration by Microsoft | 
Gtmhub
Gtmhub, Ltd
  | 
BenefitHub
BenefitHub
  |
| 
SmartHub INFER
SmartHub.ai
 | | |

Properties

| | |
|---|---|
|  | Name <small>i</small>
GitHub Enterprise Cloud...  |
| Application ID <small>i</small> | e530f5f4-634e-4430-81f...  |
| Object ID <small>i</small> | 103889c9-a16a-473c-b4...  |

Getting Started



1. Assign users and groups

Provide specific users and groups access to the applications

[Assign users and groups](#)



2. Set up single sign on

Enable users to sign into their application using their Azure AD credentials

[Get started](#)



5. Self service

Enable users to request access to the application using their Azure AD credentials

[Get started](#)

1

Basic SAML Configuration

 Edit

| | |
|--|---|
| Identifier (Entity ID) | https://github.com/orgs/accelerate-devops |
| Reply URL (Assertion Consumer Service URL) | https://github.com/orgs/accelerate-devops/saml/consume |
| Sign on URL | https://github.com/orgs/accelerate-devops/sso |
| Relay State (Optional) | <i>Optional</i> |
| Logout Url (Optional) | <i>Optional</i> |

2

Attributes & Claims

 Edit

| | |
|------------------------|------------------------|
| givenname | user.givenname |
| surname | user.surname |
| emailaddress | user.mail |
| name | user.userprincipalname |
| Unique User Identifier | user.userprincipalname |

3

SAML Signing Certificate

 Edit

| | |
|-----------------------------|--|
| Status | Active |
| Thumbprint | 7C83C36447FC91E1B4333851D01C9EECD476BD9E |
| Expiration | 9.4.2025, 09:39:53 |
| Notification Email | mk@writeabout.net |
| App Federation Metadata Url | https://login.microsoftonline.com/fbb3d25f-054f-4e53-a258...  |
| Certificate (Base64) | Download |
| Certificate (Raw) | Download |
| Federation Metadata XML | Download |

4

Set up GitHub Enterprise Cloud - Organization

You'll need to configure the application to link with Azure AD.

| | |
|--|--|
| Login URL | https://login.microsoftonline.com/fbb3d25f-054f-4e53-a258...  |
| Azure AD Identifier | https://sts.windows.net/fbb3d25f-054f-4e53-a258...  |
| Logout URL | https://login.microsoftonline.com/fbb3d25f-054f-4e53-a258...  |
| View step-by-step instructions | |

SAML single sign-on

Manage your organization's membership while adding another level of security with SAML. [Learn more](#)

Enable SAML authentication

Enable SAML authentication for your organization through an identity provider like Azure, Okta, OneLogin, Ping Identity or your custom SAML 2.0 provider.

 [Save your recovery codes](#) in a safe place. If your IdP is unavailable you can use a recovery code to skip single sign-on and access the Accelerate DevOps organization.

 The Accelerate DevOps organization single sign-on URL is <https://github.com/orgs/accelerate-devops/sso>.

Sign on URL

<https://login.microsoftonline.com/fbb3d25f-054f-4e53-a258-b3>

Members will be forwarded here when signing in to your organization

Issuer

<https://sts.windows.net/fbb3d25f-054f-4e53-a258-b3ded32d17>

Typically a unique URL generated by your SAML identity provider

Public certificate

```
-----BEGIN CERTIFICATE-----  
MIIC8DCCAdigAwIBAgIQMHQquO5RvL9KpjKd/GQgBjANBgkq  
hkiG9w0BAQsFADA0MTIwMAYDVQQD  
EyNaWNyb3NvZnQgQXp1cmUgRmVkZXJhdGVkIiFNTTyBDZX  
J0aWZpY2F0ZTAeFw0yMjA0MDkwNzM5  
NTNaFw0yNTA0MDkwNzM5NTNaMDQzMjAwBgNVBAMTKU1  
nY3Jvc29mdCBenVvZSRGZWRIcmF07WQa
```

Your SAML provider is using the RSA-SHA1 Signature Method and the SHA1 Digest Method. 

The assertion consumer service URL is <https://github.com/orgs/accelerate-devops/saml/consume>.

[Test SAML configuration](#)



Passed: Successfully authenticated your SAML SSO identity

Personal access tokens

[Generate new token](#)

[Revoke all](#)

Tokens you have generated that can be used to access the [GitHub API](#).

| | | | |
|---|-----------------------------------|---|---|
| <p>SSO Token — repo
Expires on <i>Mon, May 9 2022</i>.</p> | Never used | Configure SSO  | Delete |
| Single sign-on organizations
These organizations require tokens to be authorized for access.
See the documentation for more information. | | | |
| <p>DevTraining — <i>admin:enterprise, admin:gpg_key, admin:org_hook, admin:public_key, admin:repo_hook, gist, notifications, repo, user, workflow, write:discussion</i>
Expires on <i>Sun, Jul 3 2022</i>.</p> | Last used within the last 2 weeks |   | Configure SSO  |
| <p>Valet — <i>read:packages, repo, workflow</i>
Expires on <i>Thu, Apr 28 2022</i>.</p> | | | Delete |

Team synchronization

Team synchronization lets you manage team membership through your configured identity provider. [Learn more](#)

Azure AD fbb3d25f-054f-4e53-a258-b3ded32d17cd
1 team managed in Azure AD. [View activity](#)

[Disable team synchronization](#)

Create new team

Team name

Technical Reviewers 

Mention this team in conversations as @accelerate-devops/technical-reviewers.

Description

What is this team all about?

Parent team

Select parent team ▾

Identity Provider Groups

Manage team members using your identity provider groups. [Learn more](#)

Select Groups ▾

You can manage this team's members externally.

Reviewers

Technical Reviewers 

Team visibility

Visible Recommended

A visible team can be seen and [@mentioned](#) by every member of this organization.

Secret

A secret team can only be seen by its members and may not be nested.

Create team

Xpirit Group
Xpirit Group
<https://xpirit.com/>

Organizations
People
Policies
GitHub Connect
Settings

Profile
Billing
Authentication security
Verified & approved domains
Audit log
Hooks
Support
Enterprise licensing

Compliance

Audit log

Events **Log streaming**

Filters Search audit logs Export Git Events Export

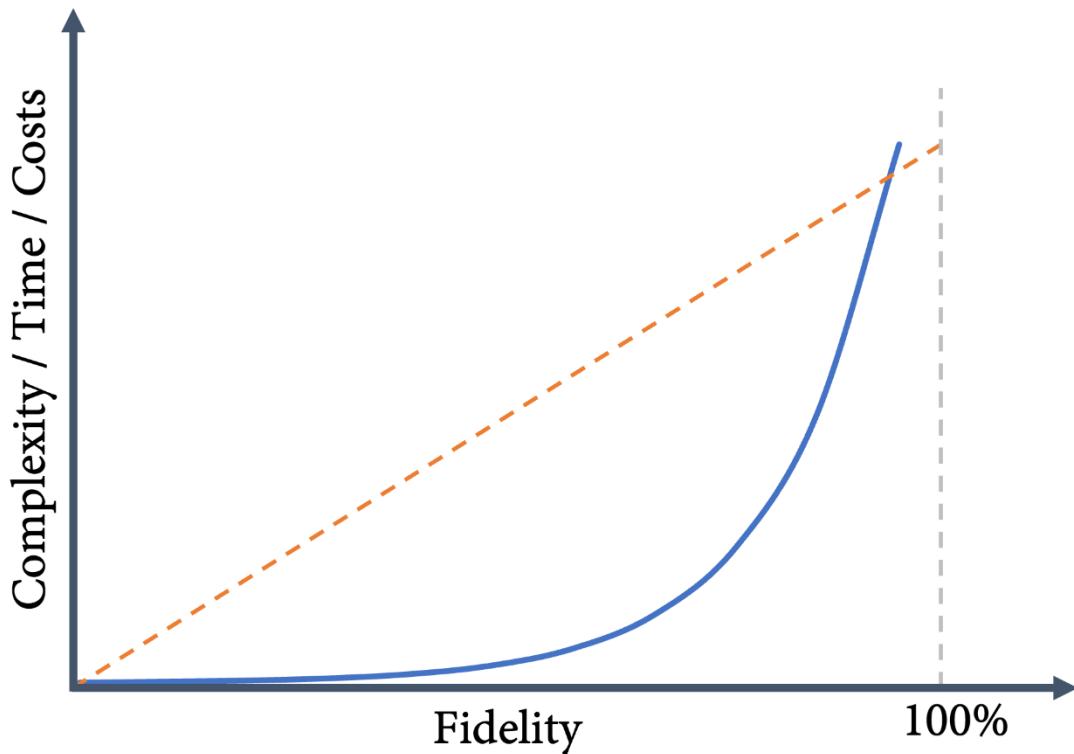
Yesterday's activity

| Category | Event | Details |
|-------------------------------|--|--|
| Enterprise account management | [bot] – integration.generate_client_secret | secret for the GitHub Enterprise for github.xpirit.com integration |
| Organization membership | [bot] – integration.generate_client_secret | secret for the GitHub Enterprise for github.xpirit.com integration |
| Team management | [bot] – integration.generate_client_secret | secret for the GitHub Enterprise for github.xpirit.com integration |
| Repository management | [bot] – integration.generate_client_secret | secret for the GitHub Enterprise for github.xpirit.com integration |
| Billing updates | [bot] – integration.generate_client_secret | secret for the GitHub Enterprise for github.xpirit.com integration |
| Hook activity | [bot] – integration.generate_client_secret | secret for the GitHub Enterprise for github.xpirit.com integration |
| Security management | [bot] – integration.generate_client_secret | Generated a new client secret for the GitHub Enterprise for github.xpirit.com integration
Netherlands 2 hours ago |

Filter or search the log

Click to create a filter expression

Chapter 21: Migrating to GitHub



Import your project to GitHub

Import all the files, including the revision history, from another version control system.

Your old repository's clone URL

Learn more about the types of [supported VCS](#).

Your new repository details

Owner * Repository Name *

/

Privacy

Public
Anyone on the internet can see this repository. You choose who can commit.

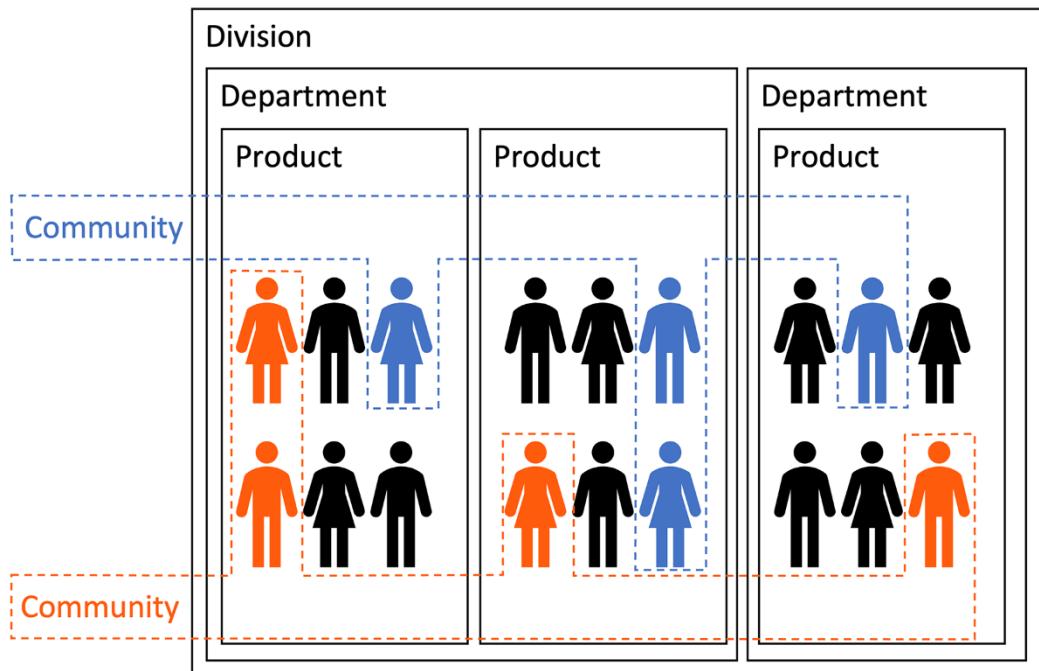
Private
You choose who can see and commit to this repository.

(i) You are creating a public repository in your personal account.

[Cancel](#) [Begin import](#)

A screenshot of the GitHub "Import repository" interface. The "Import repository" option is highlighted in a dropdown menu. The main form includes fields for the old repository's clone URL (set to https://svn.example.org/code/svn), new repository details (Owner: wulfland, Repository Name: blank), and privacy settings (Public selected). A note at the bottom indicates the creation of a public repository in a personal account. At the bottom right are "Cancel" and "Begin import" buttons.

Chapter 22: Organize Your Teams



Accelerate DevOps

Overview Repositories Discussions Projects Packages **Teams** People Insights ...

Find a team... New team

| <input type="checkbox"/> Select all | Visibility ▾ | Members ▾ |
|---|--------------|---------------------|
| <input type="checkbox"/> Core-team | | 2 members 4 teams ^ |
| <input type="checkbox"/> Accelerate | | 2 members 3 teams ^ |
| <input type="checkbox"/> DevOps Team <ul style="list-style-type: none">People working on the Accelerate DevOps Project. | | 2 members 1 team ▼ |
| <input type="checkbox"/> Reviewers <ul style="list-style-type: none">Technical Reviewers | | 0 members 0 teams |

Expand teams

The screenshot shows the GitHub Discussions interface. On the left, there's a sidebar for the 'DevOps Team' repository, showing 2 members and 3 pending. A modal window is open for a discussion titled 'Virtual coffee'. The 'Who can see this discussion?' dropdown is open, showing 'Accelerate DevOps' (Visible to all organization members) and 'Private' (Visible only to team members and organization administrators). The 'Private' option is highlighted with a blue background. Below the dropdown, the discussion content reads: 'We are moving our virtual coffee meeting to later in the morning.' and 'We should discuss the priorities for the next quarter.' There are also mentions of '/cc @accelerate-devops/devsecops' and some engagement metrics like likes and replies.

Set visibility for new discussions

Choose a role to inherit

All custom roles must inherit the permissions of a default role.

Read Triage Write Maintain

Add Permissions

Add permissions to create a role that fits your needs.

security

Custom Role Permissions

Repository Permissions

Manage GitHub Page settings



Create role

Cancel

 Accelerate DevOps

Overview Repositories Discussions Projects Packages Teams People Insights ...

Organization permissions

| | |
|-----------------------|---|
| Members | 1 |
| Outside collaborators | 1 |
| Pending collaborators | |
| Pending invitations | 3 |
| Failed invitations | 6 |

Find a member... Export Invite member

Members 4 memberships left — [Buy more](#) SSO 2FA Role

 Michael Kaufmann wulfland 2FA ✓ Public Owner 4 teams Manage Convert to outside collaborator... Remove from organization...

Seats 5 of 9 seats used Manage seats

Chapter 23: Transform Your Enterprise

