

A CodeMash 2025 Presentation

Lights, Camera, Github Actions!



A Non-Comprehensive Guide to Getting Your Code on the Big Screen

Start >

Lights, Camera, Github Actions!

Welcome to **Github Actions**

GitHub Actions is a continuous integration and continuous delivery (CI/CD) platform that allows you to automate your build, test, and deployment pipeline. You can create workflows that build and test every pull request to your repository, or deploy merged pull requests to production.

GitHub Actions goes beyond just DevOps and lets you run workflows when other events happen in your repository. For example, you can run a workflow to automatically add the appropriate labels whenever someone creates a new issue in your repository.

GitHub provides Linux, Windows, and macOS virtual machines to run your workflows, or you can host your own self-hosted runners in your own data center or cloud infrastructure.

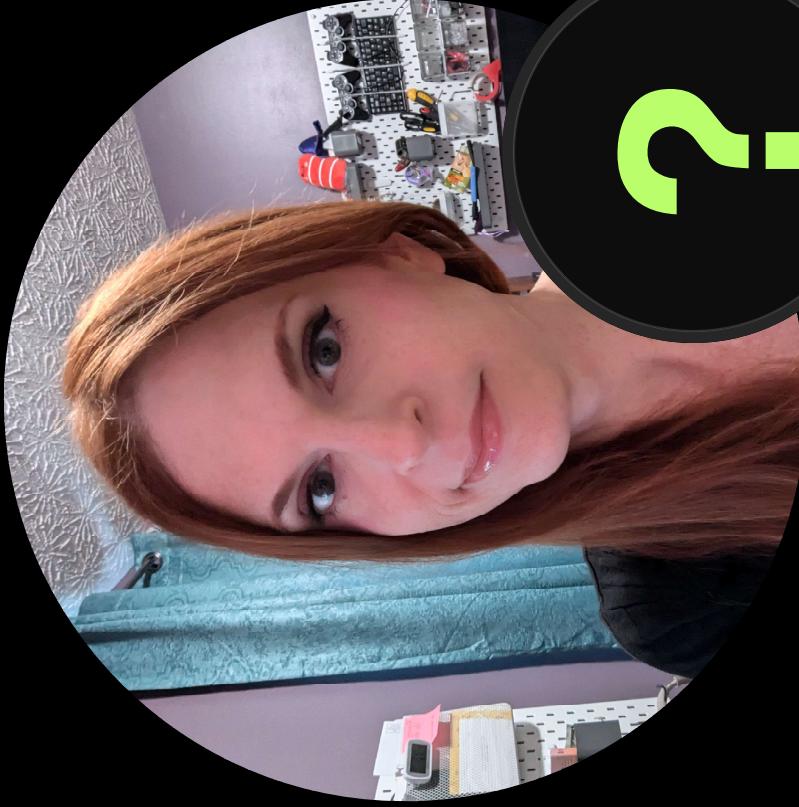
<https://docs.github.com/en/actions/about-github-actions/understanding-github-actions>

```
ionic cordova platform add android --verbose > platform.log
```



Lights, Camera, Github Actions!

3



ABOUT ME

Nicole Hoying

Software Dev

Nicole has nearly 20 years of professional software development experience across multiple technologies. She has been involved in all facets of the development process across multiple industries.

I promise you I do know some things.



Chairman
Cat



Dozer
Cat



Tank
Cat

?

⌚ Lights, Camera, Github Actions!

Getting Started

4



- Make sure your repository supports actions.
- Free Tier needs to be a public repository.
- Make sure it's enabled in the settings.
- Workflows only show up in the Actions tab when they exist in the default branch.
- Stub out a workflow and then merge it to the default branch before you actually start writing any real code.

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PRE-PRODUCTION

Laying It All Out

Stubbing out your first workflow

- The Three (Four) Main Components
 - name
 - This is what gets displayed in the UI

- permissions
 - Optional. This defines the permissions for the workflow
- on
 - The trigger condition
- jobs
 - The individual jobs that are handled in the workflow

```
github > workflows > stub-workflow.yml
  1 name: Stubbed Out Workflow
  2
  3 permissions:
  4   packages: read
  5
  6 on:
  7   workflow_dispatch:
  8
  9 jobs:
 10   stub-job:
 11     runs-on: "ubuntu-latest"
 12   steps:
 13     - name: Hello World
 14       run: echo "Hello World!"
```

Bringing Your Vision to Life.

Stubbing out your workflow allows you to develop your action inside a feature branch without constantly having to check in to your default or trunk branch.

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Staging Your Workflow

PRE-PRODUCTION

The screenshot shows a GitHub Actions interface with two cards:

- feature**: Has Input
- master**: No Input

The "feature" card contains the following code:

```
5   on: workflow_dispatch:  
6     inputs:  
7       test-input:  
8         description: A Test Input  
9         required: true  
10        type: string  
11  
12  
13
```

The "master" card contains the following code:

```
5   on: workflow_dispatch:  
6     inputs:  
7       test-input:  
8         description: A Test Input  
9         required: true  
10        type: string  
11  
12  
13
```

Both cards have a "Run workflow" button at the bottom.

Below the cards, there is a note: "Don't interfere with your team! Make sure you always develop inside a feature branch. There's almost no reason not to."

TRIGGERS

Setting the Scene

```
sessions: read
packages: read
on:
  workflow_dispatch:
    inputs:
      input-alpha:
        description: "Some Input"
        type: string
  workflow_call:
    inputs:
      input-alpha:
        description: "Some Input"
        type: string
    - name:
```



The on: keyword is used to define the trigger for a workflow. There are many different events that can fire off a workflow and each one has different caveats that you need to be aware of.

workflow_dispatch



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push



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pull_request



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TRIGGERS

Setting the Scene

```
essions: packages: read  
on:  
  workflow_dispatch:  
    inputs:  
      input-alpha:  
        description: "Some Input"  
        type: string  
  workflow_call:  
    inputs:  
      input-alpha:  
        description: "Some Input"  
        type: string  
    - name:
```



The on: keyword is used to define the trigger for a workflow. There are many different events that can fire off a workflow and each one has different caveats that you need to be aware of.

schedule

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workflow_call

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Lights, Camera, Github Actions!

SCRIPTING THE ACTION

Understanding Jobs

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1280 +

Project Completed

300 +

Client Satisfied

32 +

Crew & Team



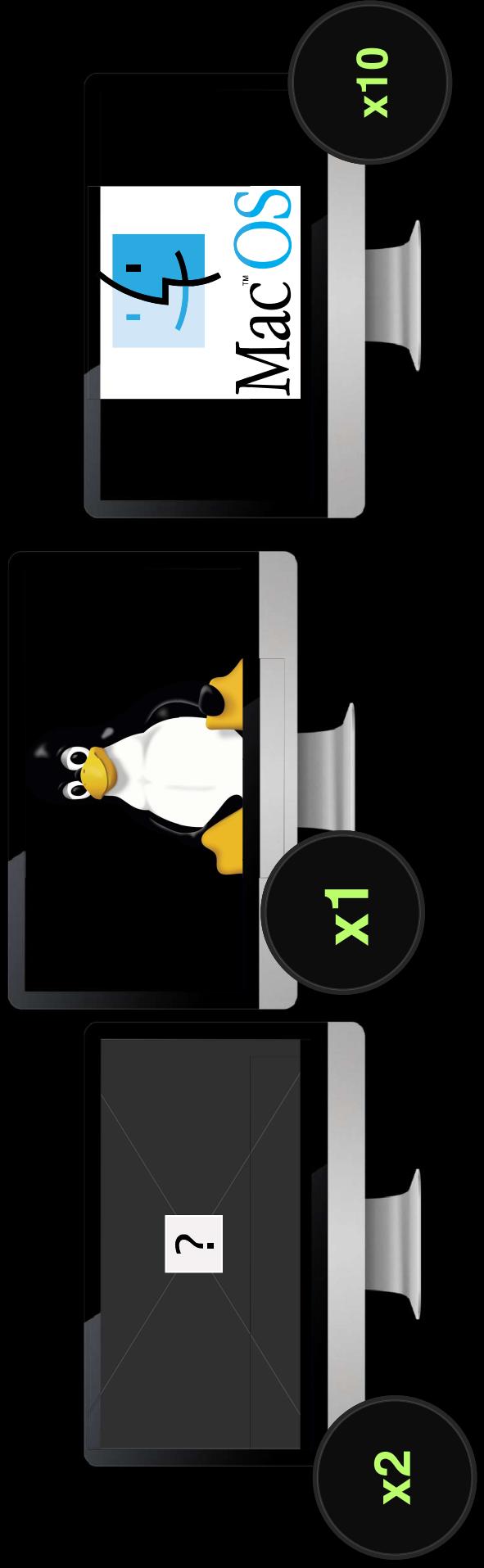


Lights, Camera, Github Actions!

SCRIPTING THE ACTION

Picking Your Runner

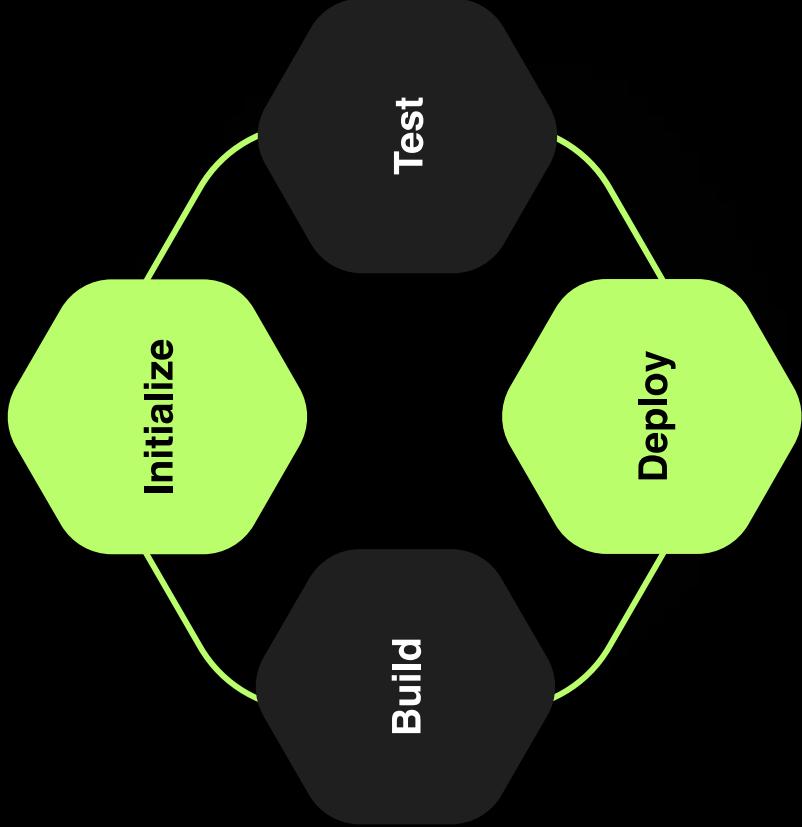
The amount of runner credits your account uses is depending on the system you choose, so make sure you pick wisely!





SCRIPTING THE ACTION

Organizing Your Dependencies



Green Line



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non. In placerat velit quis.

Black Line



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Lights, Camera, Github Actions!

SCRIPTING THE ACTION

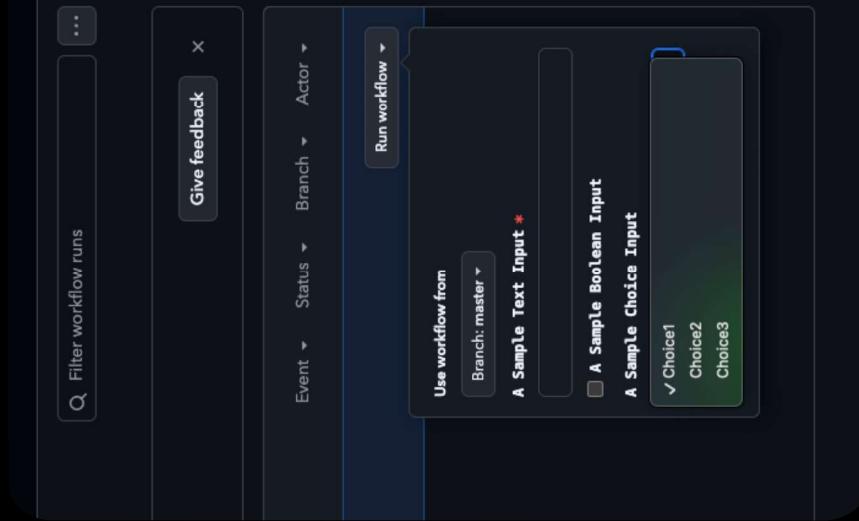
Using Workflow Inputs

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```
#!/projects/Lights/GithubActions/.github/workflows/input-output-example.yml
name: "Input Output Example"
on:
  workflow_dispatch:
    inputs:
      text-input:
        description: A Sample Text Input
        type: string
        required: true
      boolean-input:
        description: A Sample Boolean Input
        type: boolean
      choice-input:
        description: A Sample Choice Input
        type: choice
        options:
          - Choice1
          - Choice2
          - Choice3
jobs:
  test_job:
    runs-on: ["ubuntu"]
    steps:
      - name: Echo Text Input
        run: echo "${{ inputs.text-input }}"
      - name: Echo Boolean Input
        run: echo "${{ inputs.boolean-input }}"
      - name: Echo Choice Input
        run: echo "${{ inputs.choice-input }}"

```

Learn More >



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SCRIPTING THE ACTION

Inputs and Outputs

Where Imagination Meets the Silver Screen.

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Lights, Camera, Github Actions!

ABOUT US

Mission & Vision of Movieiest

Mission Movieiest

Vision Movieiest

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01

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02

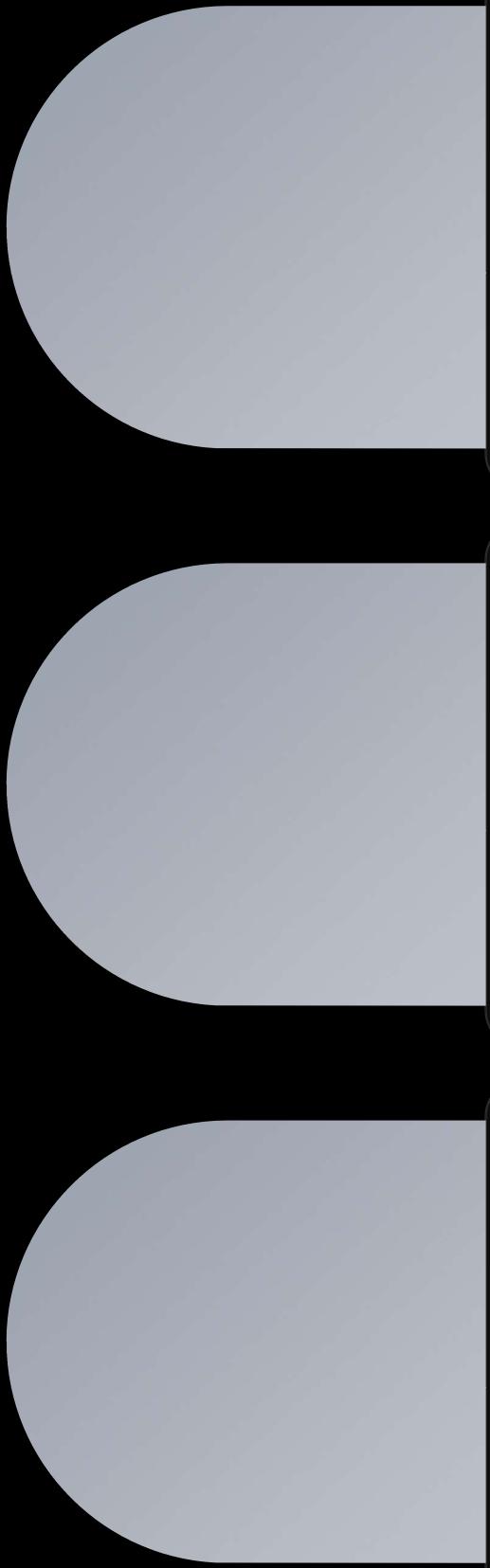
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Lights, Camera, Github Actions!

OUR TEAMS

Our Expert People



Kara Edwards

Director Moviest

Beverly Hopkins

Producer Moviest

Byron Goodwin

Editor Moviest



Movieist

P.13

Break/Slide

Take A Break For 45 Minutes

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Continue >

Lights, Camera, Github Actions!

Service One

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Service Two

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Our Services Of Moviest

OUR SERVICES

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Service Three



Service Four

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Lights, Camera, Github Actions!

Our Services of Moviest

OUR SERVICES



Service One

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Service One

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congue lorem congue non.

[View More](#)



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commmodo odio nec.

Lights, Camera, Github Actions!

OUR SERVICES

Our Services of **Moviest**

Services One

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Services Two

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Services Three

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Lights, Camera, Github Actions!

OUR SERVICES

Facility Production In Moviest

**Lights,
Camera,
Storytelling!**

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Services One



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Services Two



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Services Three



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[View More >](#)



S.W.O.T

Our Weakness Moviest Analysis

01

Our Weakness

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02

Our Weakness

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Lights, Camera, Github Actions!

S.W.OT

Our Opportunity Moviest Analysis

Your Story, Our Canvas



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Lights, Camera, Unforgettable



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S.W.OT

Our Threat Movies Analysis

Filmmaking Excellence, Defined

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Lights, Camera, Unforgettable

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Lights, Camera, Github Actions!

PORTFOLIO

Portfolio

Moviest Studio

Lights, Camera, Unforgettable

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Lights, Camera, Github Actions!

PORTFOLIO

Portfolio Movieest Studio

**Lights, Camera,
Unforgettable**



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Lights, Camera, Github Actions!

PORTFOLIO

Portfolio Movie Studio

Your Story, Our Canvas

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PORTFOLIO

Portfolio Movie*est* Studio

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Your Title

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congue lorem

[View More >](#)

Your Title

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PORTFOLIO

Our Amazing Cinematic Gallery

Your Story, Our Canvas

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1280 +

Project Completed

300 +

Client Satisfied



Lights, Camera, Github Actions!

MOCK-UP

Web Mockup Special In Slide

We Make
Movies,
You Make
Memories.

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Your Story, Our Canvas



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Lights, Camera, Github Actions!

MOCK-UP

Our Mockup In Smartphone



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[View More >](#)

We Make
Movies,
You Make
Memories.



Mugshot Camera, Github Actions!

P.29



MOCK-UP

Special Mockup Movieiest Slide

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[View More >](#)



INFOGRAPHICS

Infographic Insights from Movieist

Project planning
This is process

Trial and error
This is process

Trial and error
This is process

Final results
This is process

2024

2023

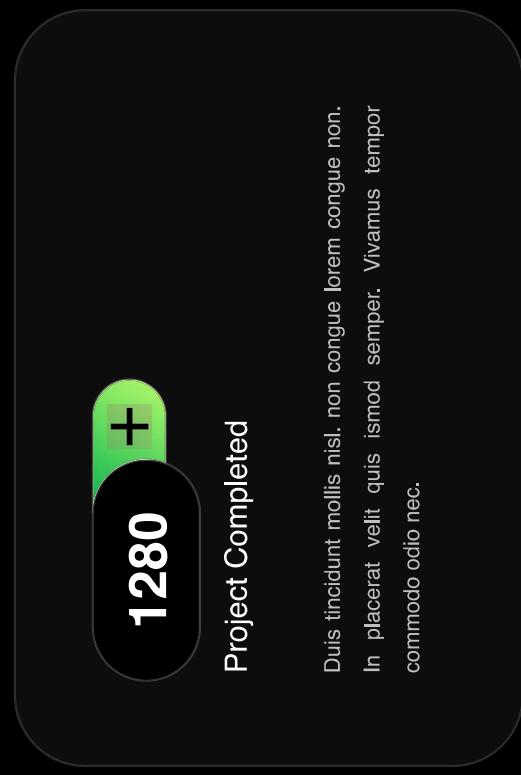
2022

2021



INFOGRAPHICS

Our Infographic Moviest Slide





Lights, Camera, Github Actions!

Basic

Lorem ipsum dolor sit amet, consectetur adipiscing elit sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

\$ 199

Standard

Lorem ipsum dolor sit amet, consectetur adipiscing elit sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

\$ 499

VVIP

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\$ 999

PRICING

Pricing Plan



Moviest

P.35

CONTACT

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@ Moviest .com

Hours

Everyday
07:00 – 17:00

Filemaker & Movie Studio Presentation



Thank You

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