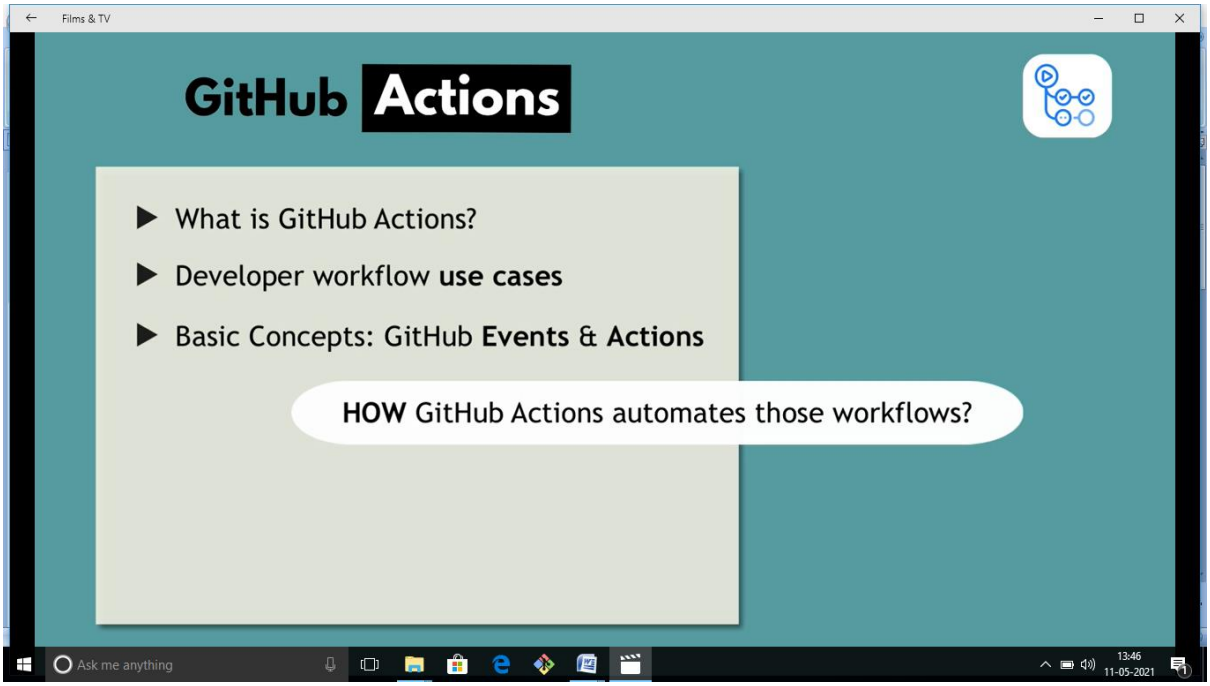
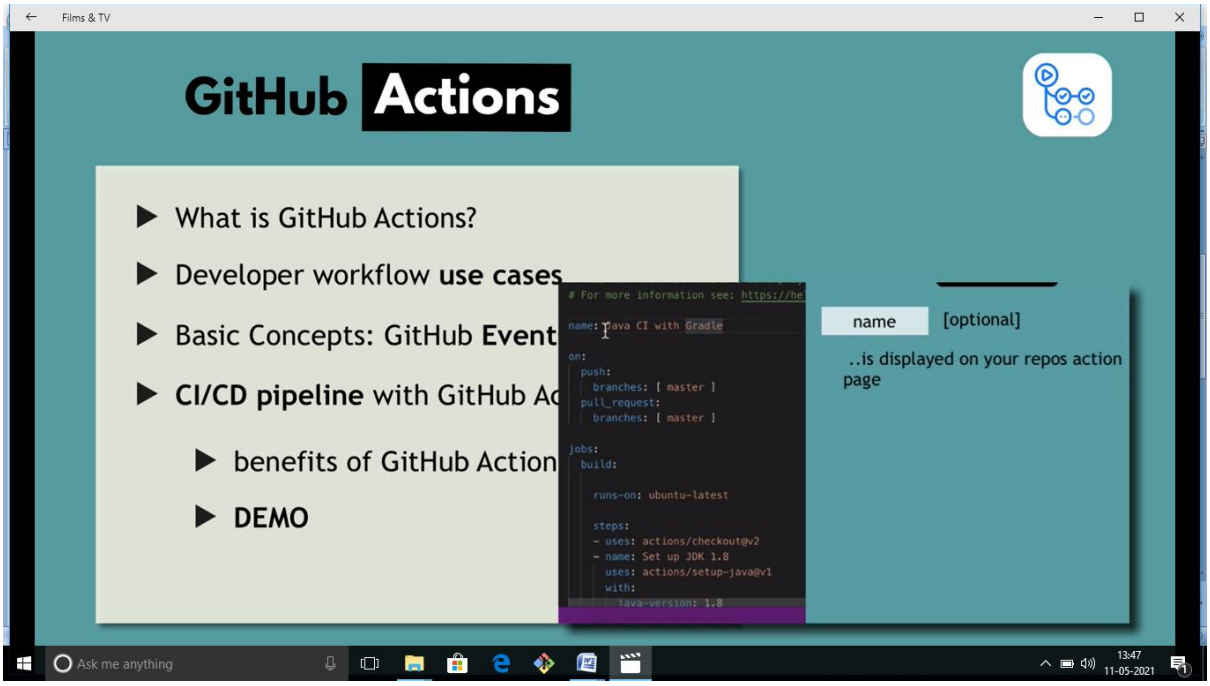
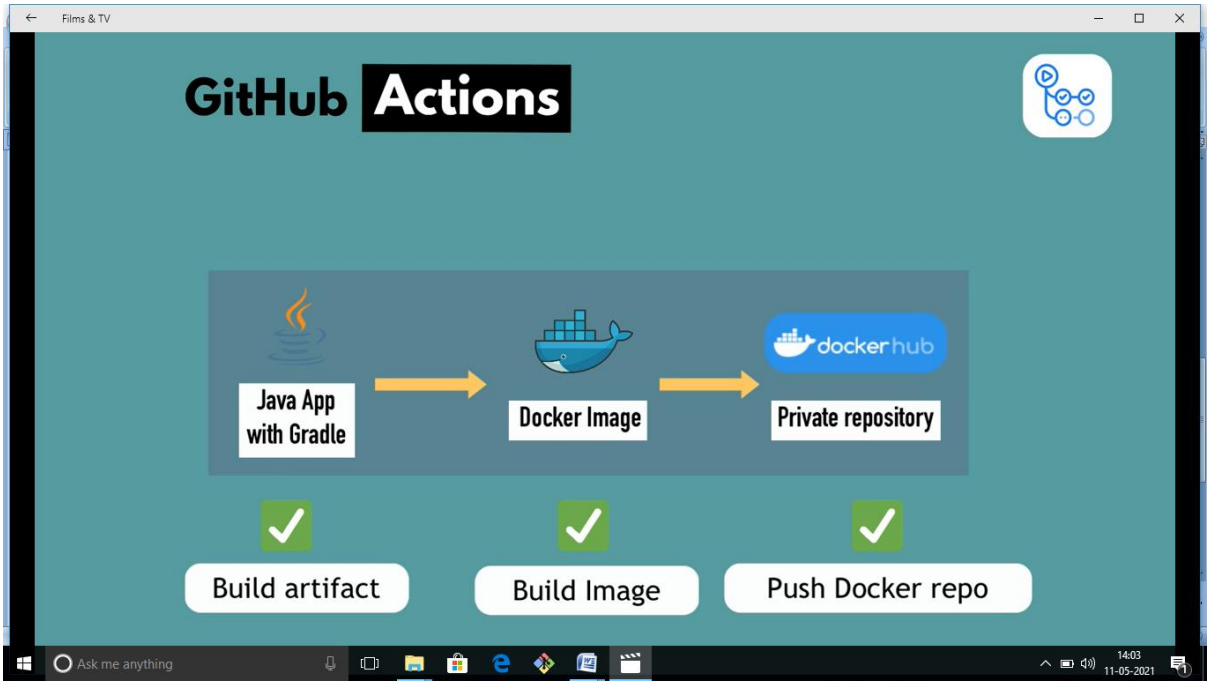
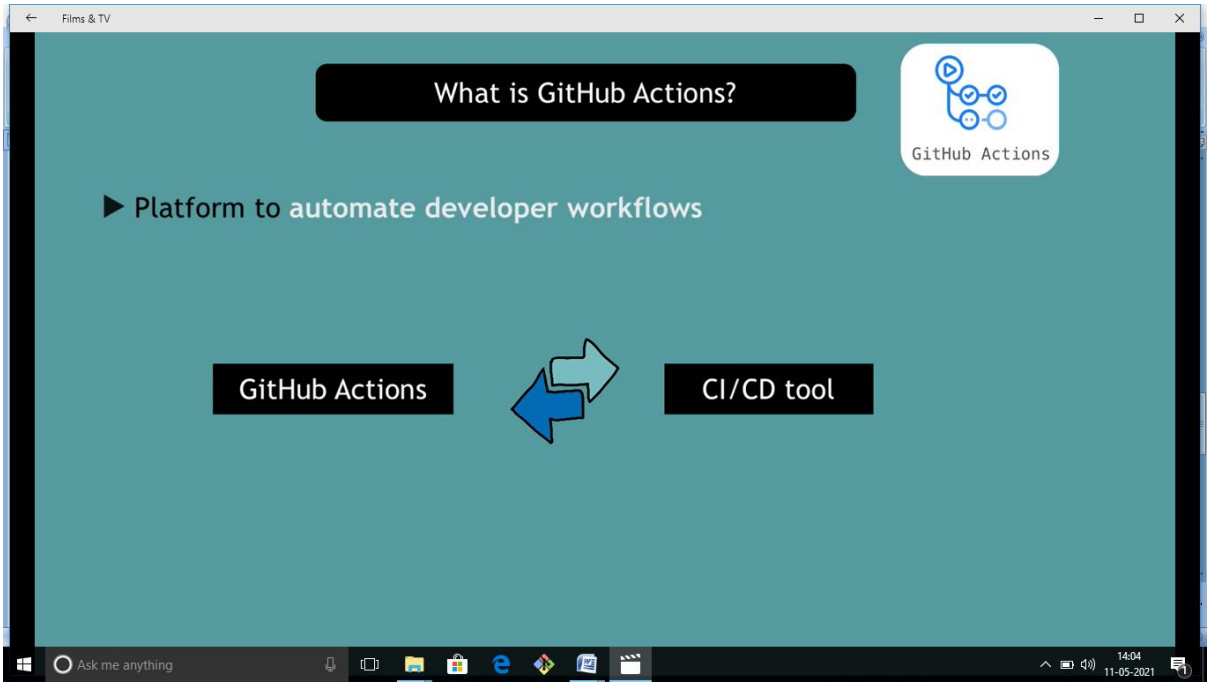
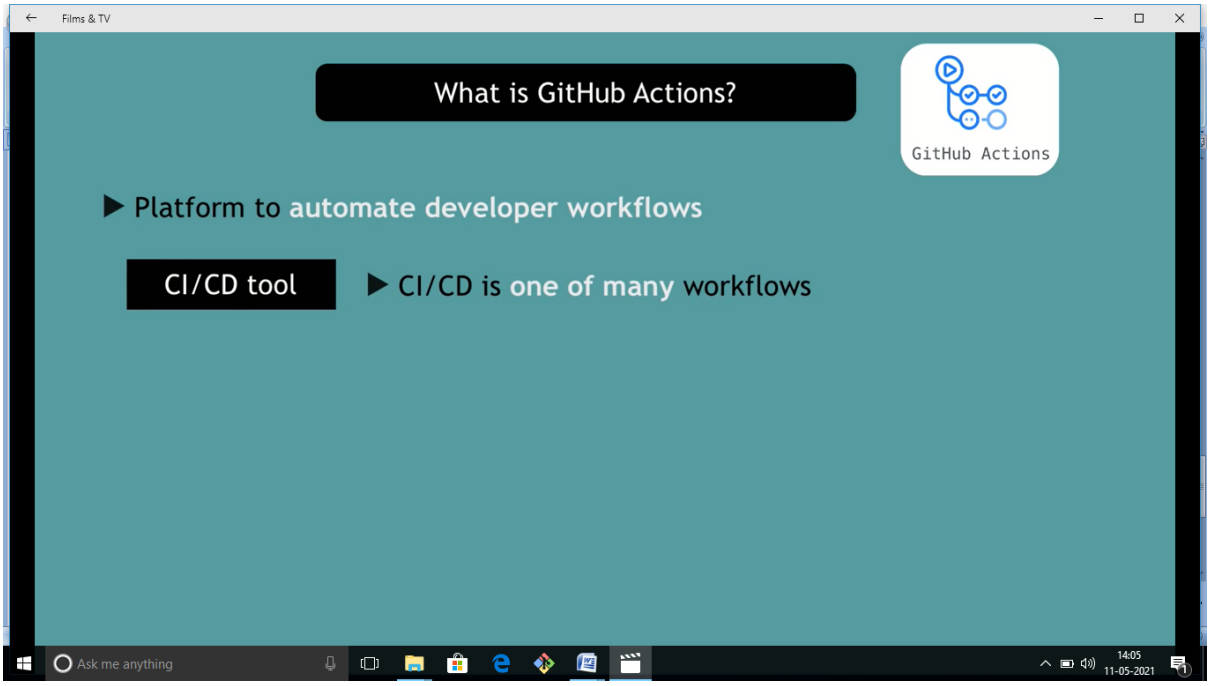
GITHUB ACTIONS

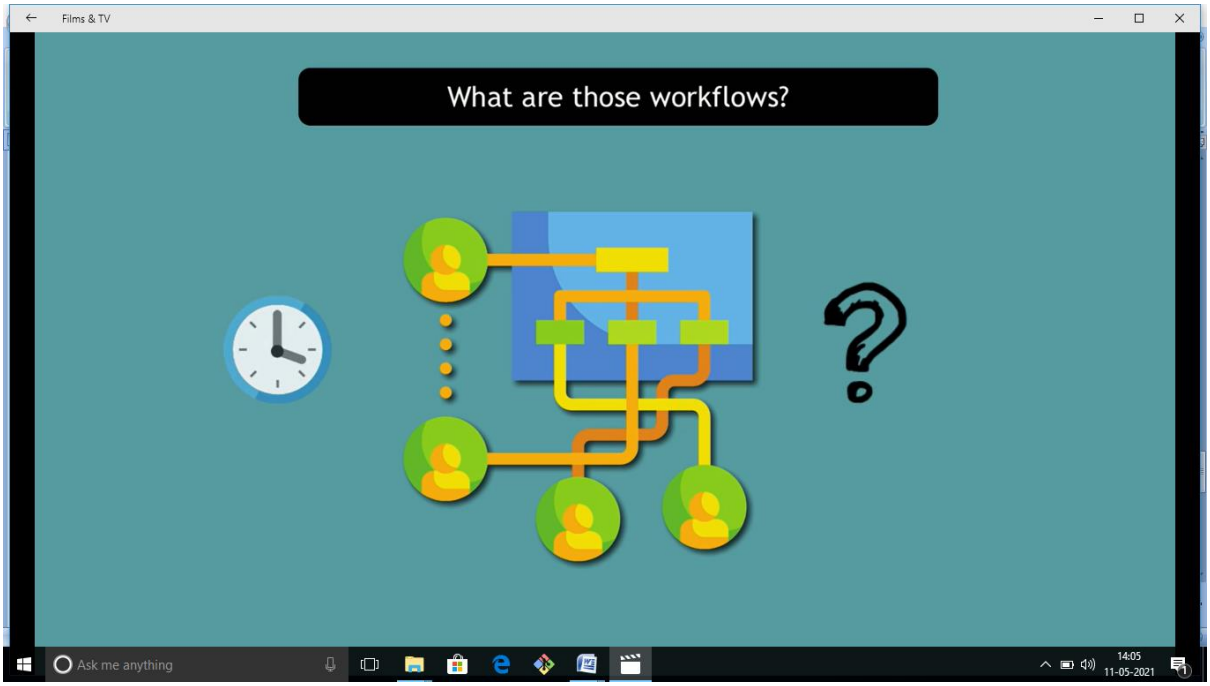


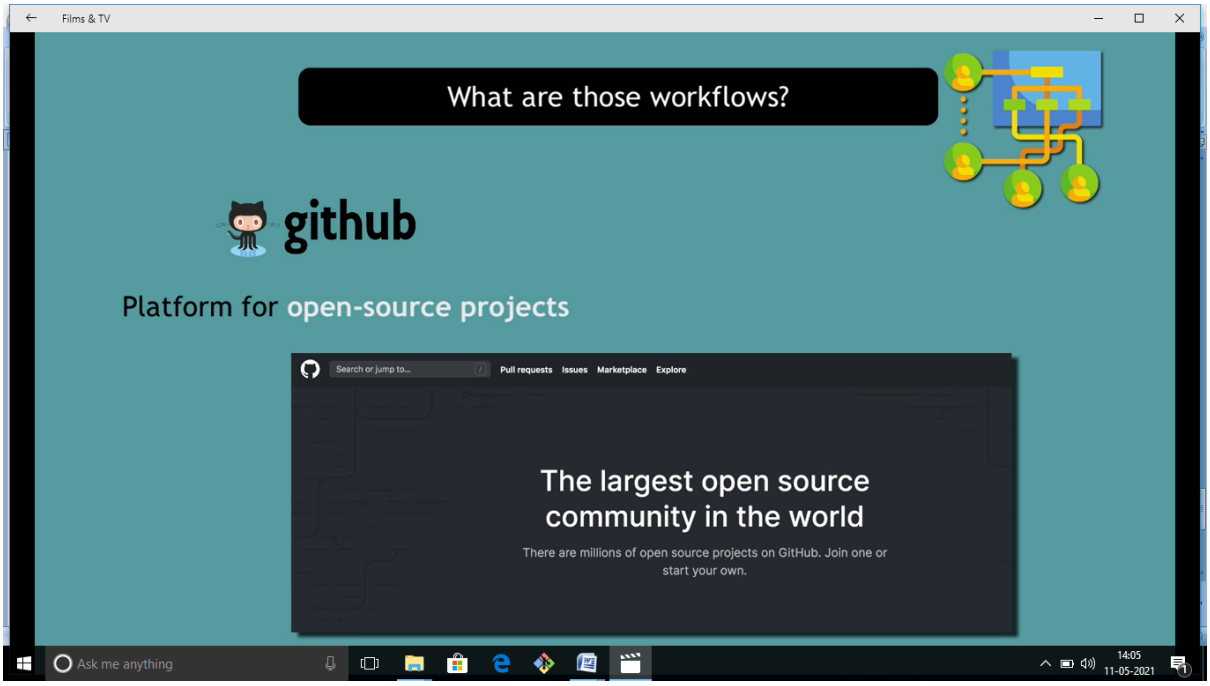


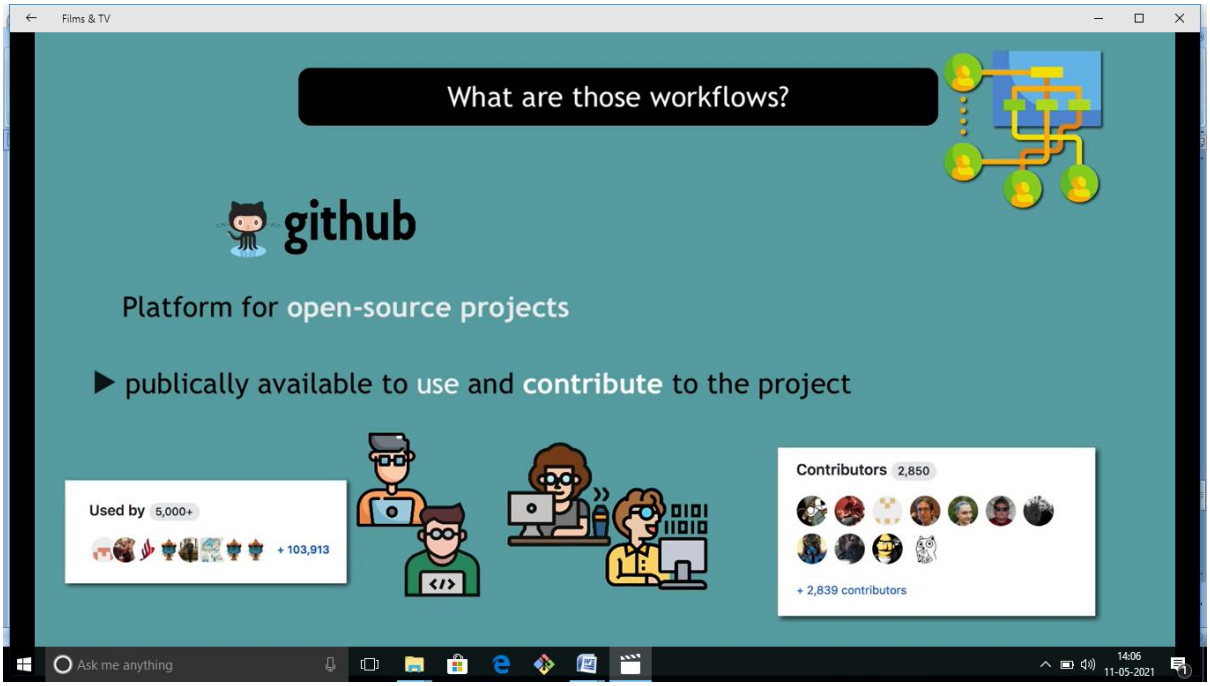

Films & TV
GitHub Actions
Java App with Gradle
Docker Image
dockerhub
Private repository
Build artifact
Build Image
Push Docker repo
Ask me anything
14:03
11-05-2021

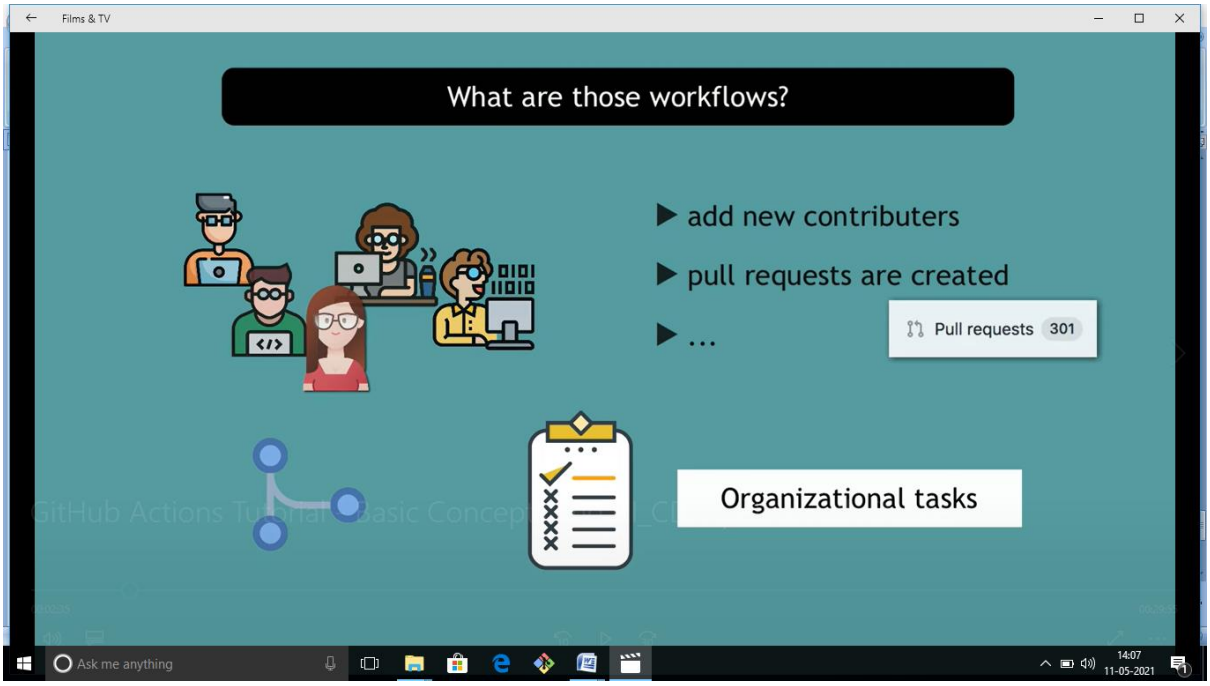

Films & TV
What is GitHub Actions?
GitHub Actions
Platform to automate developer workflows
GitHub Actions
CI/CD tool
Ask me anything
14:04
11-05-2021

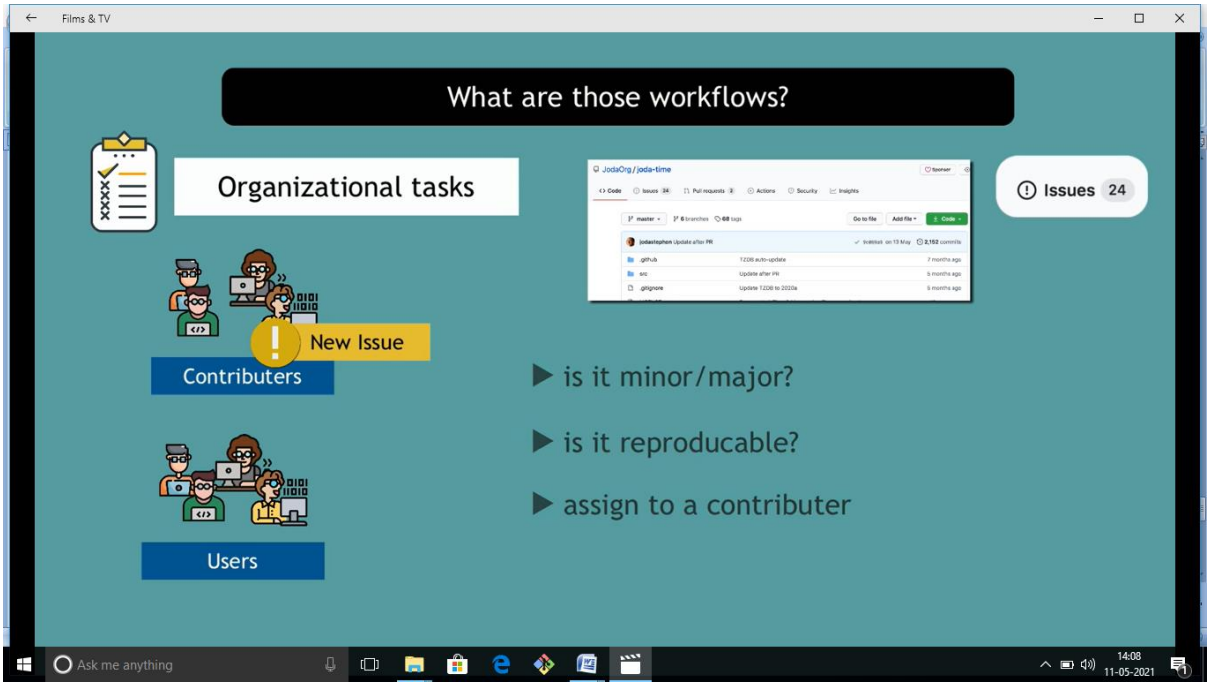

Films & TV
What is GitHub Actions?
GitHub Actions
▶ Platform to automate developer workflows
CI/CD tool
▶ CI/CD is one of many workflows
Ask me anything
14:05
11-05-2021

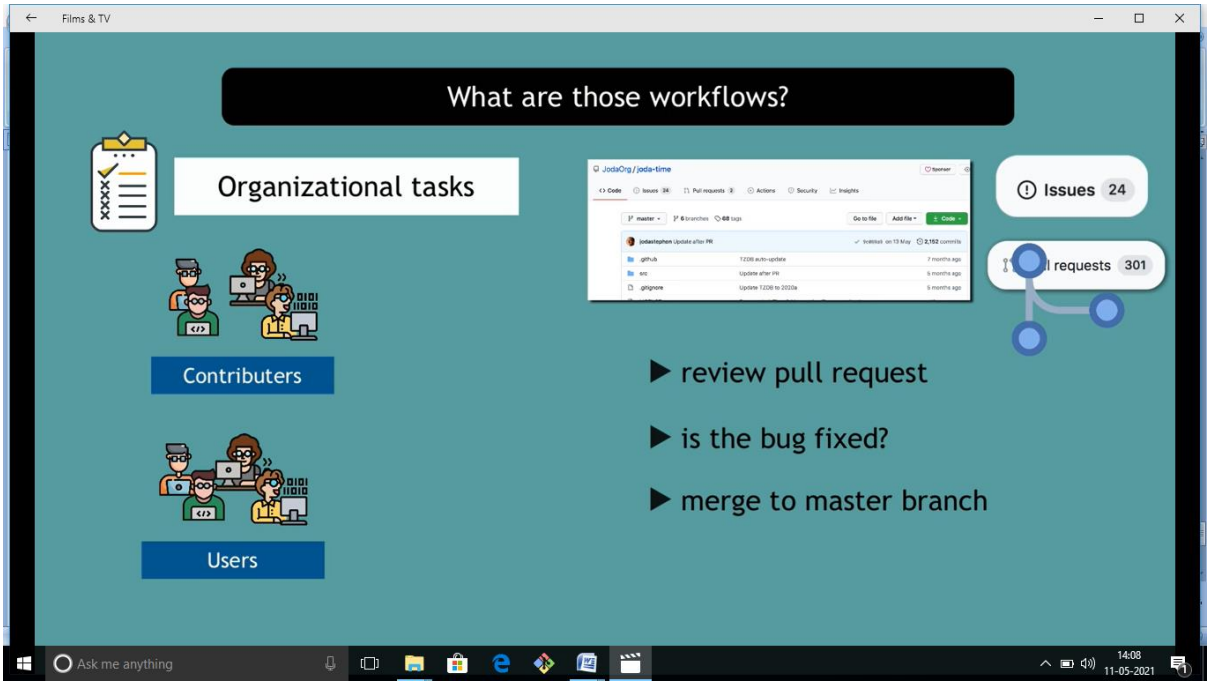

Films & TV
What are those workflows?
Ask me anything
14:05
11-05-2021

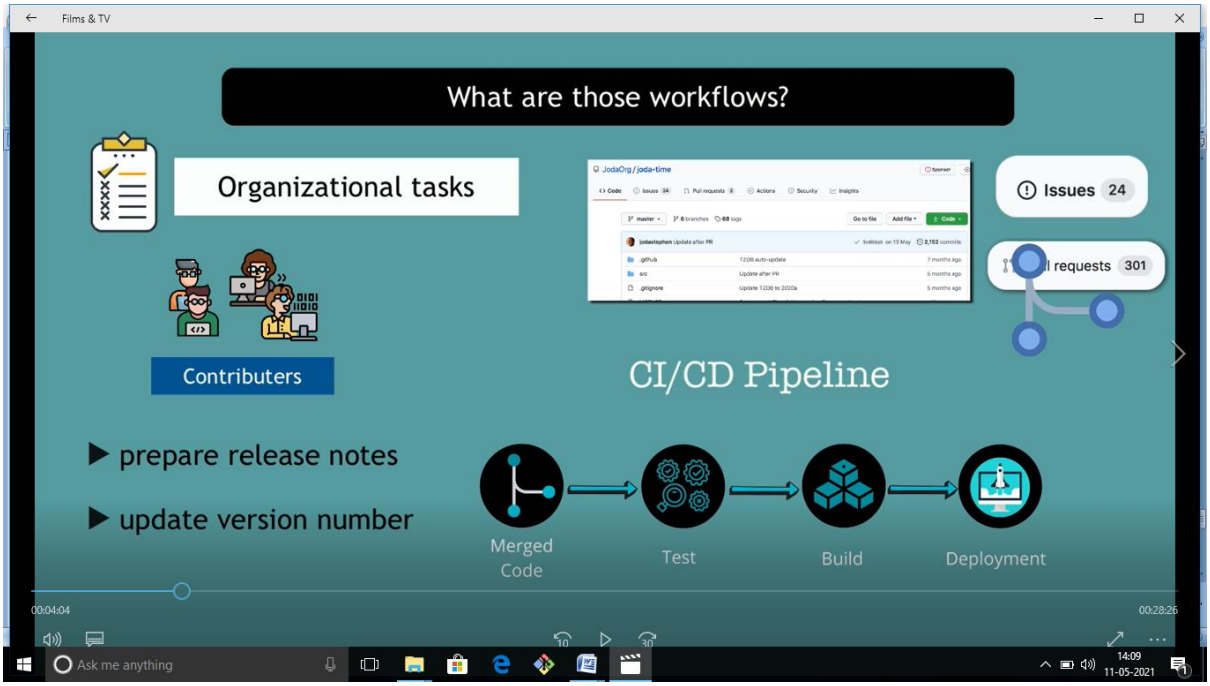

Films & TV
What are those workflows?
github
Platform for open-source projects
Search or jump to...
Pull requests
Issues
Marketplace
Explore
The largest open source community in the world
There are millions of open source projects on GitHub. Join one or start your own.
Ask me anything
14:05
11-05-2021

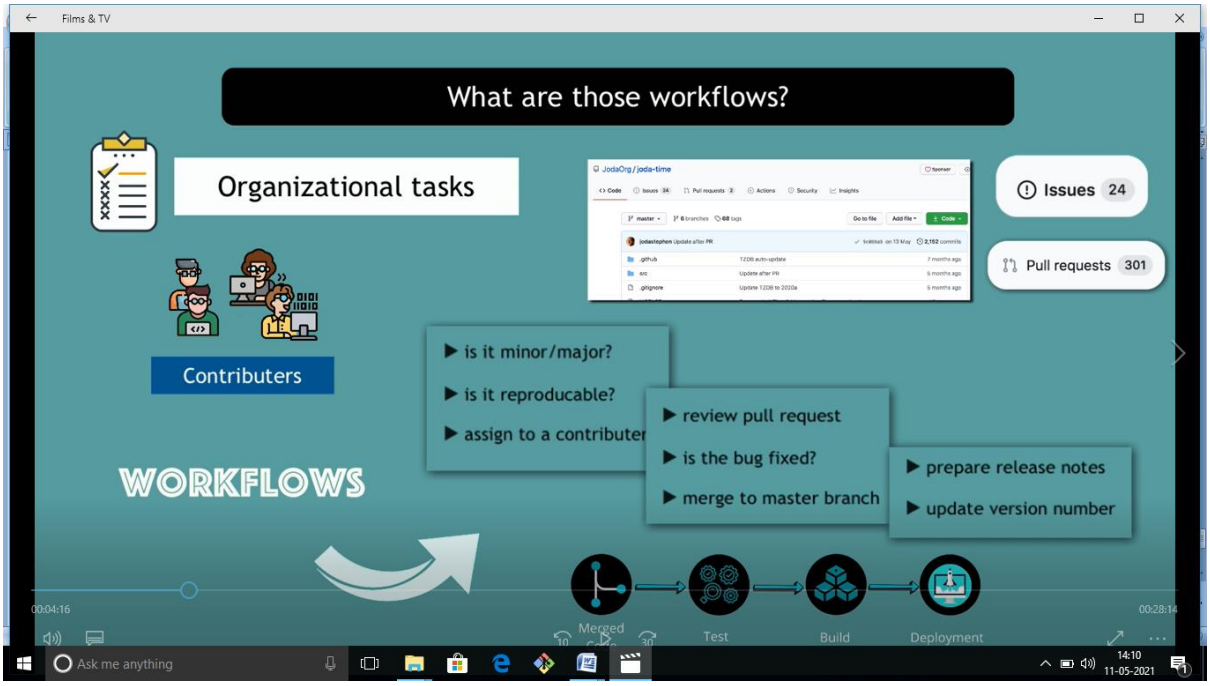

Films & TV
What are those workflows?
github
Platform for open-source projects
publically available to use and contribute to the project
Used by 5,000+
+ 103,913
Contributors 2,850
+ 2,839 contributors
Ask me anything
14:06
11-05-2021

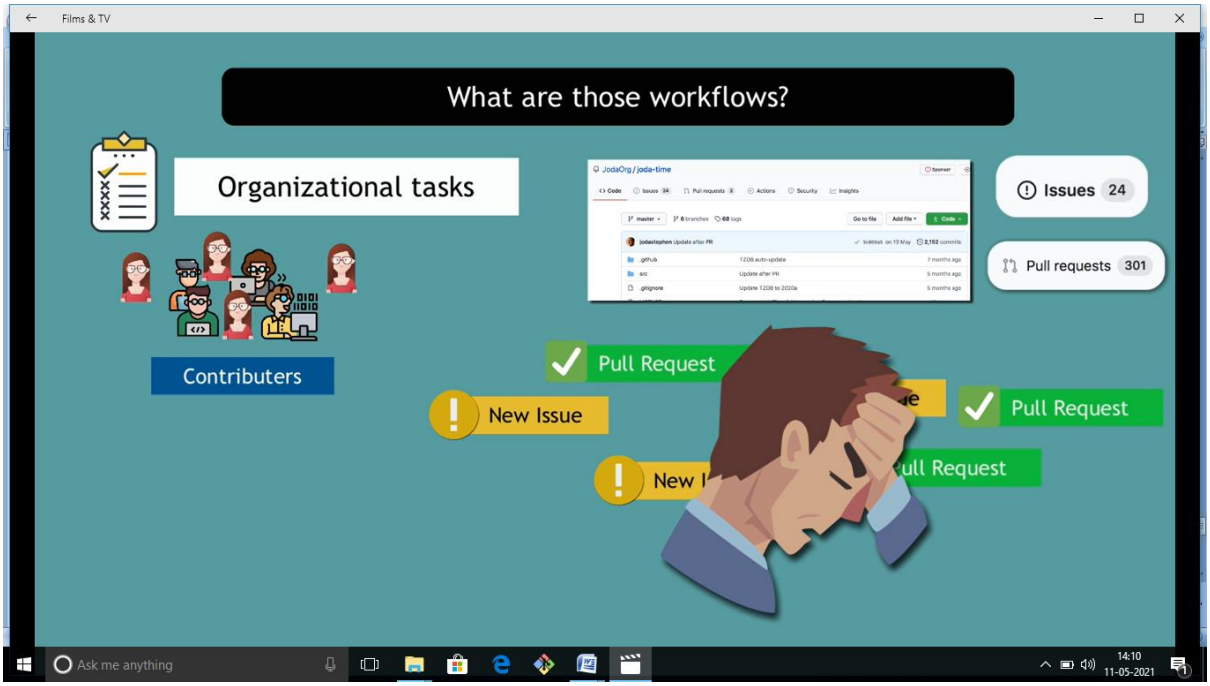

Films & TV
What are those workflows?
add new contributers
pull requests are created
...
Pull requests 301
Organizational tasks
Ask me anything
14:07
11-05-2021

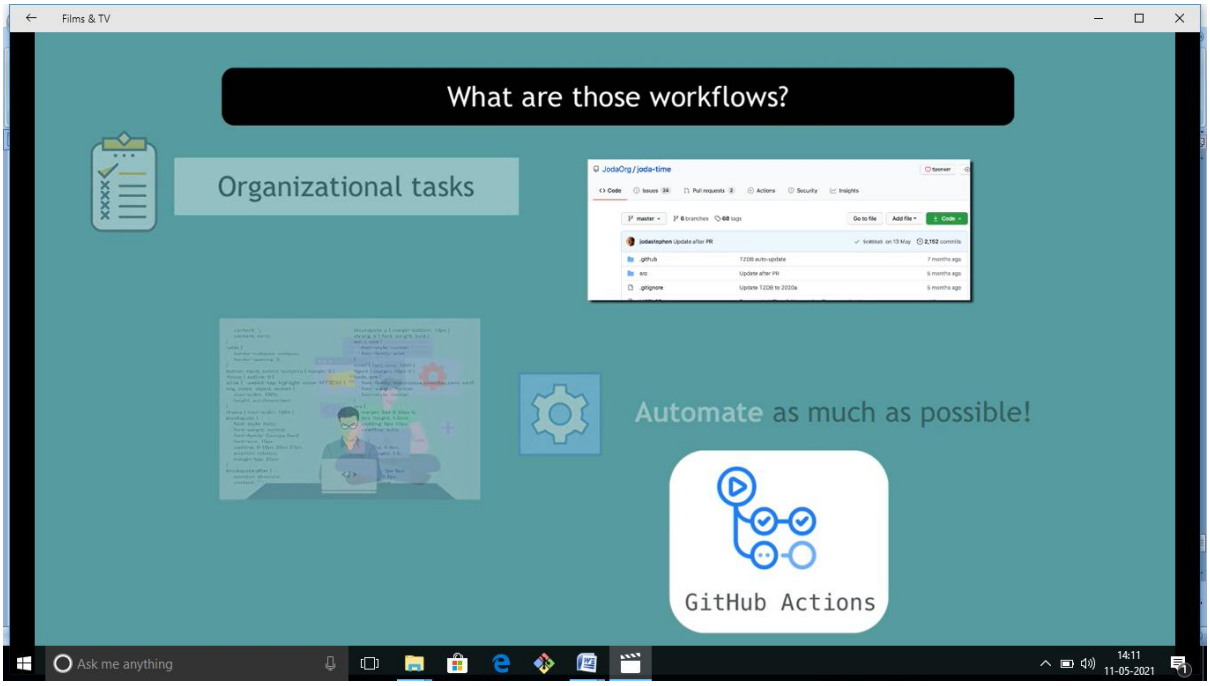

Films & TV
What are those workflows?
Organizational tasks
Issues 24
New Issue
Contributers
Users
is it minor/major?
is it reproducable?
assign to a contributer
Ask me anything
14:08
11-05-2021

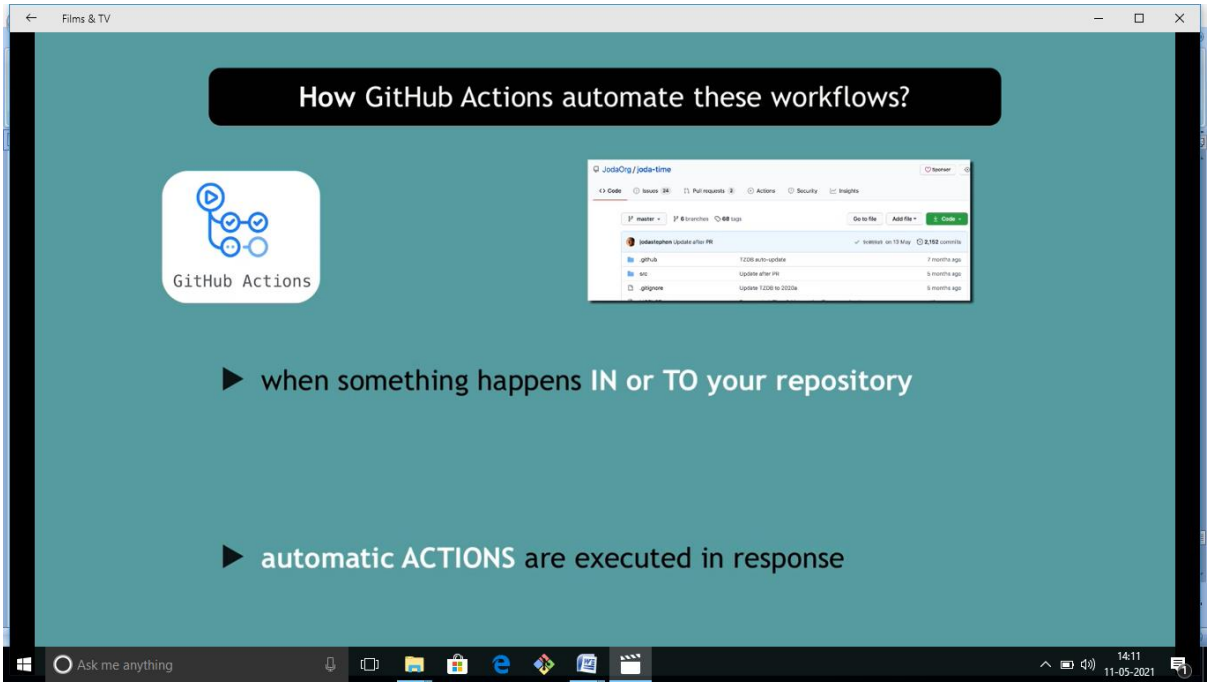

Films & TV
What are those workflows?
Organizational tasks
Contributers
Users
Issues 24
requests 301
review pull request
is the bug fixed?
merge to master branch
Ask me anything
14:08
11-05-2021

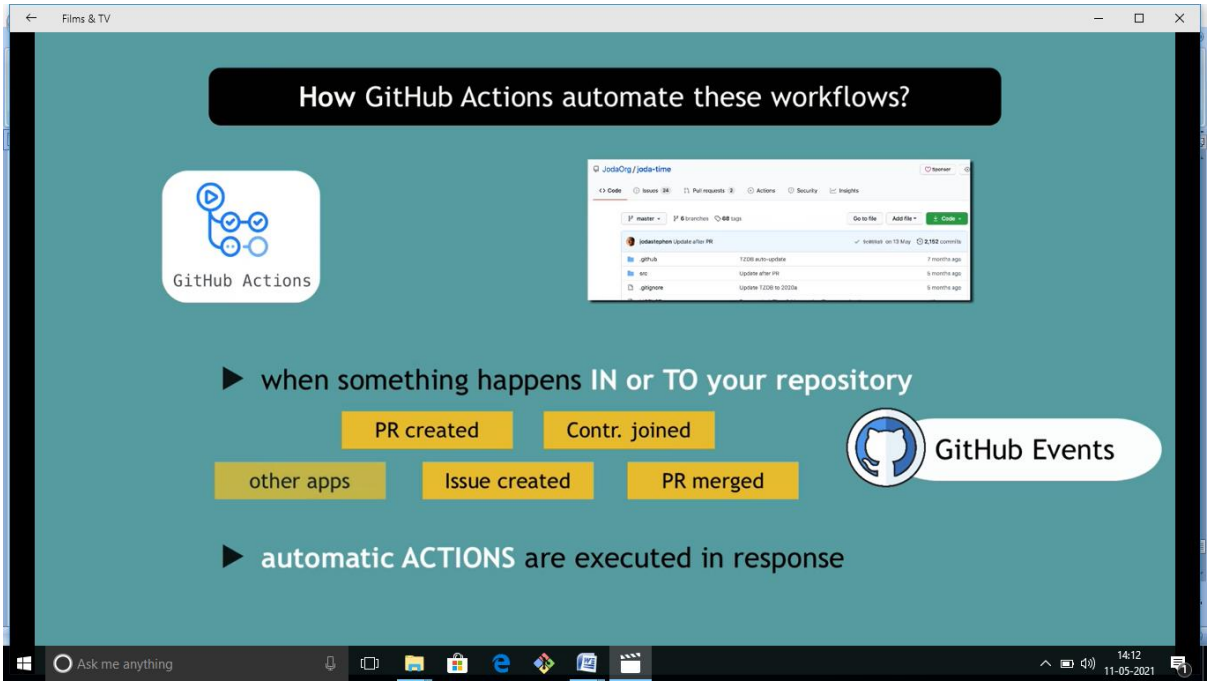

Films & TV
What are those workflows?
Organizational tasks
Contributers
Issues 24
requests 301
CI/CD Pipeline
prepare release notes
update version number
Merged Code
Test
Build
Deployment
00:04:04
00:28:26
Ask me anything
14:09
11-05-2021

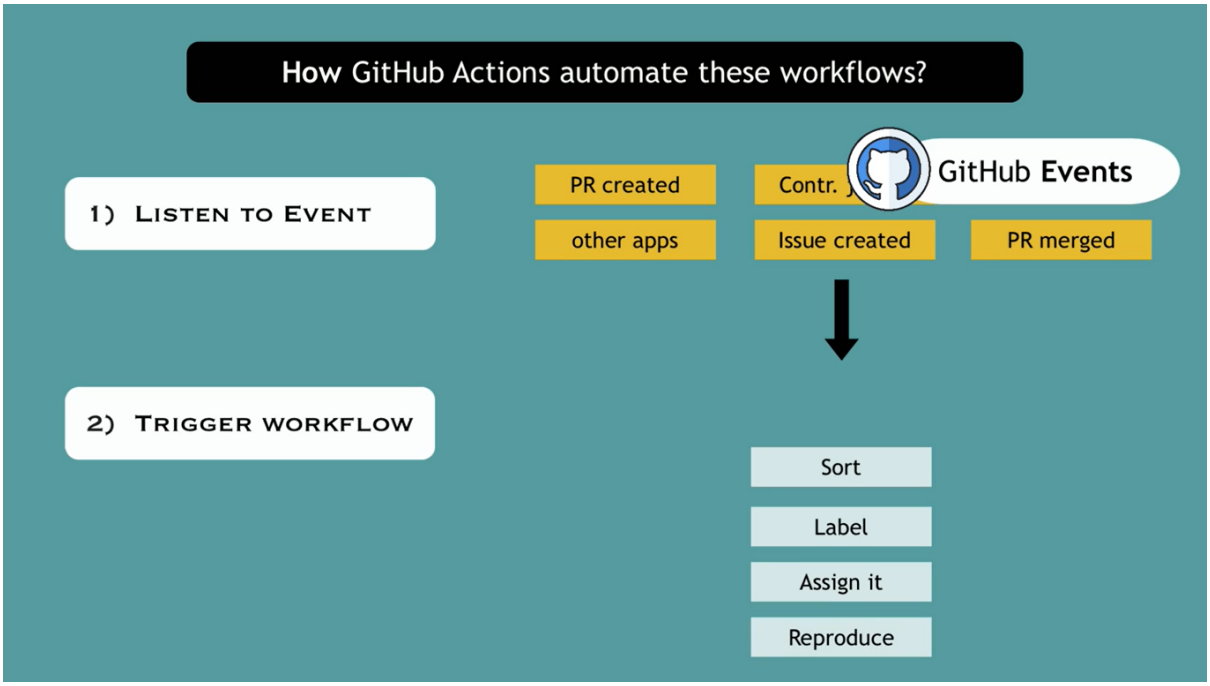

Films & TV
What are those workflows?
Organizational tasks
Issues 24
Pull requests 301
Contributers
is it minor/major?
is it reproducable?
assign to a contributer
review pull request
is the bug fixed?
merge to master branch
prepare release notes
update version number
WORKFLOWS
Merged
Test
Build
Deployment
00:04:16
00:28:14
Ask me anything
14:10
11-05-2021

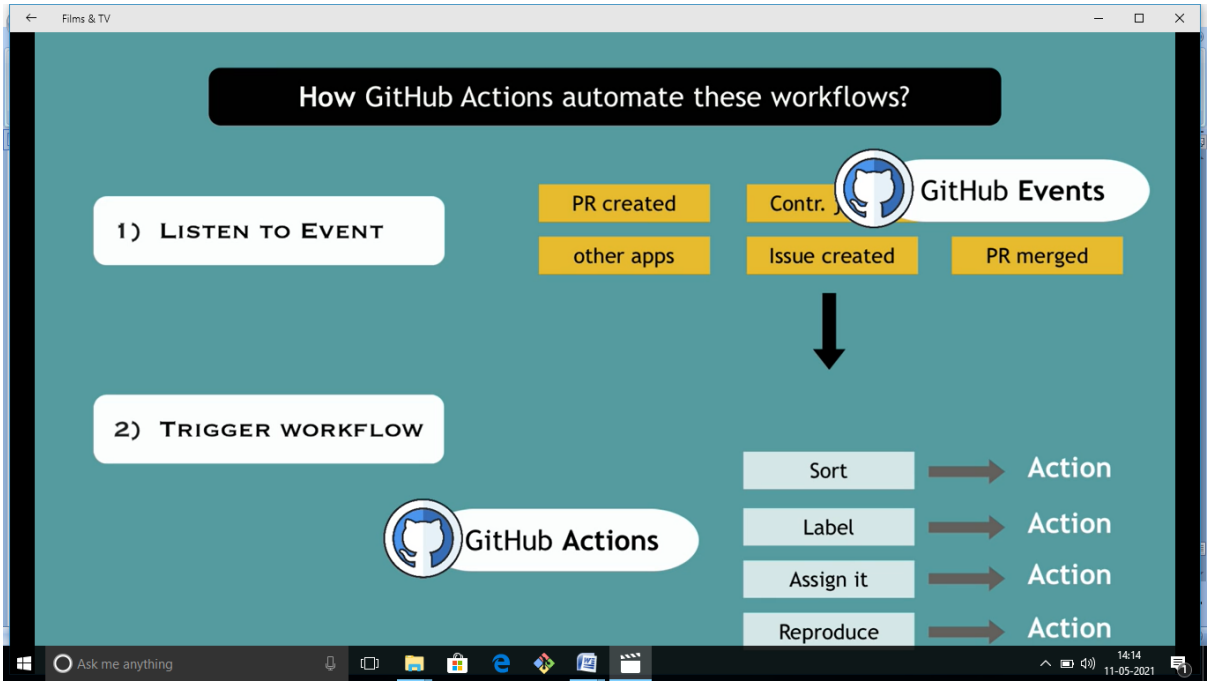

Films & TV
What are those workflows?
Organizational tasks
Issues 24
Pull requests 301
Contributers
Pull Request
New Issue
Pull Request
Ask me anything
14:10
11-05-2021

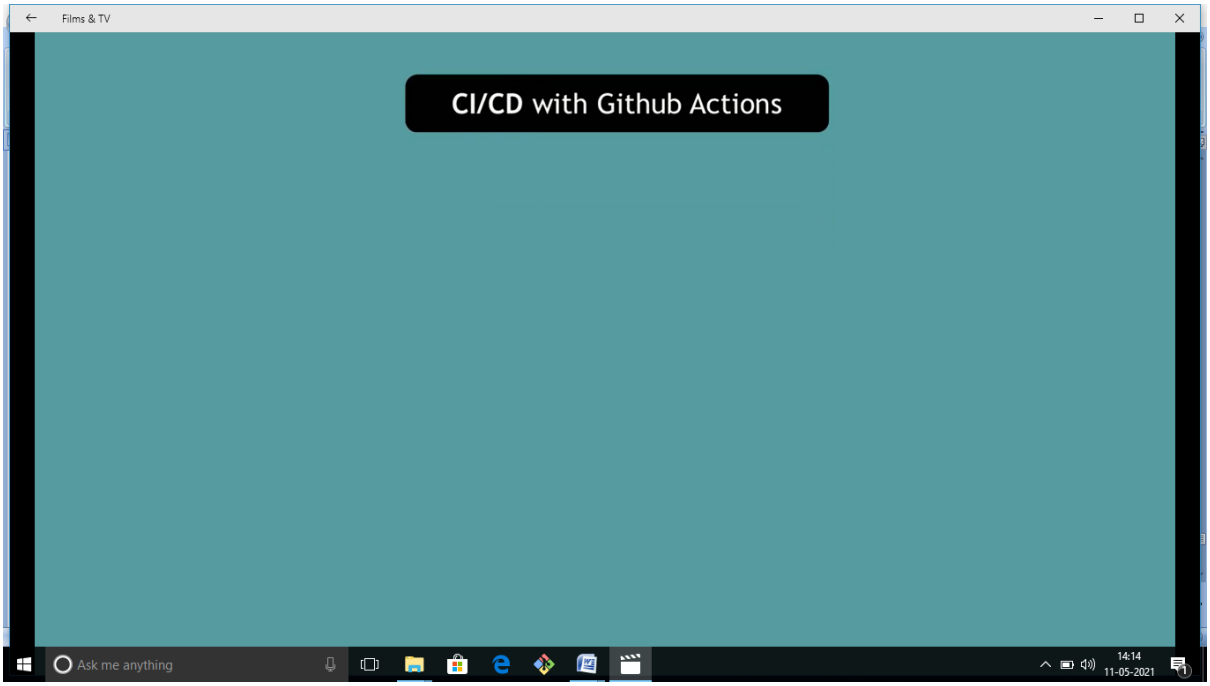

Films & TV
What are those workflows?
Organizational tasks
Automate as much as possible!
GitHub Actions
Ask me anything
14:11
11-05-2021

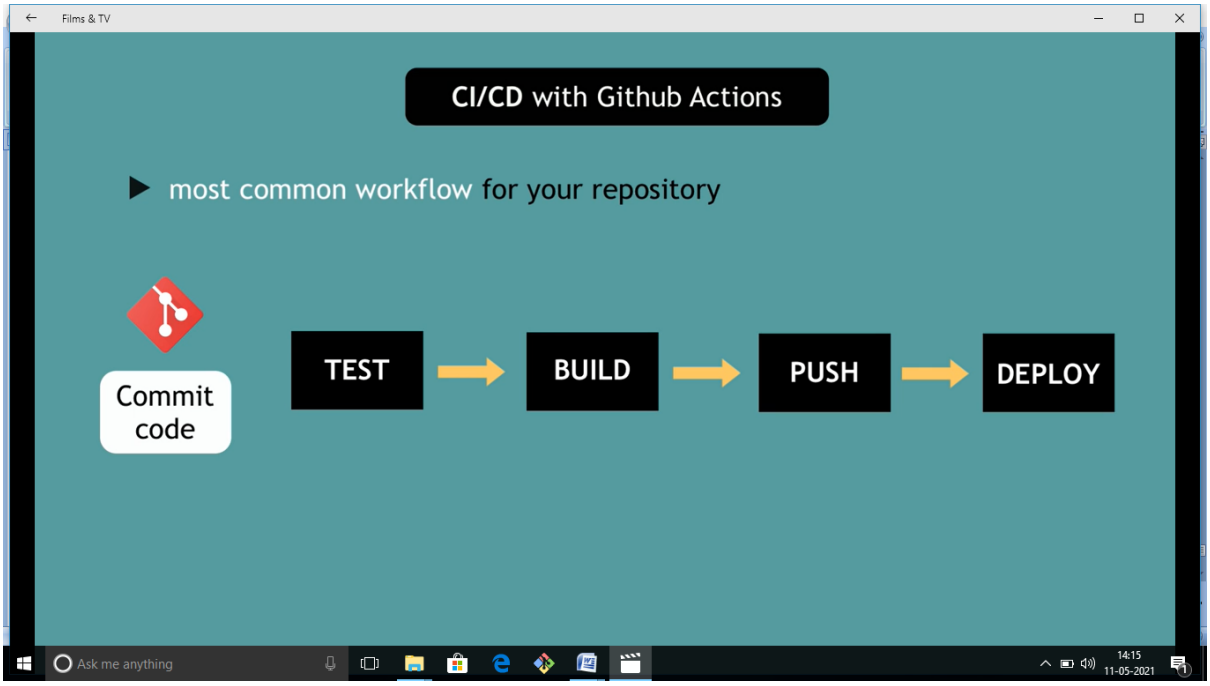

Films & TV
How GitHub Actions automate these workflows?
GitHub Actions
when something happens IN or TO your repository
automatic ACTIONS are executed in response
Ask me anything
14:11
11-05-2021


Films & TV
How GitHub Actions automate these workflows?
GitHub Actions
when something happens IN or TO your repository
PR created
Contr. joined
other apps
Issue created
PR merged
GitHub Events
automatic ACTIONS are executed in response
Ask me anything
14:12
11-05-2021

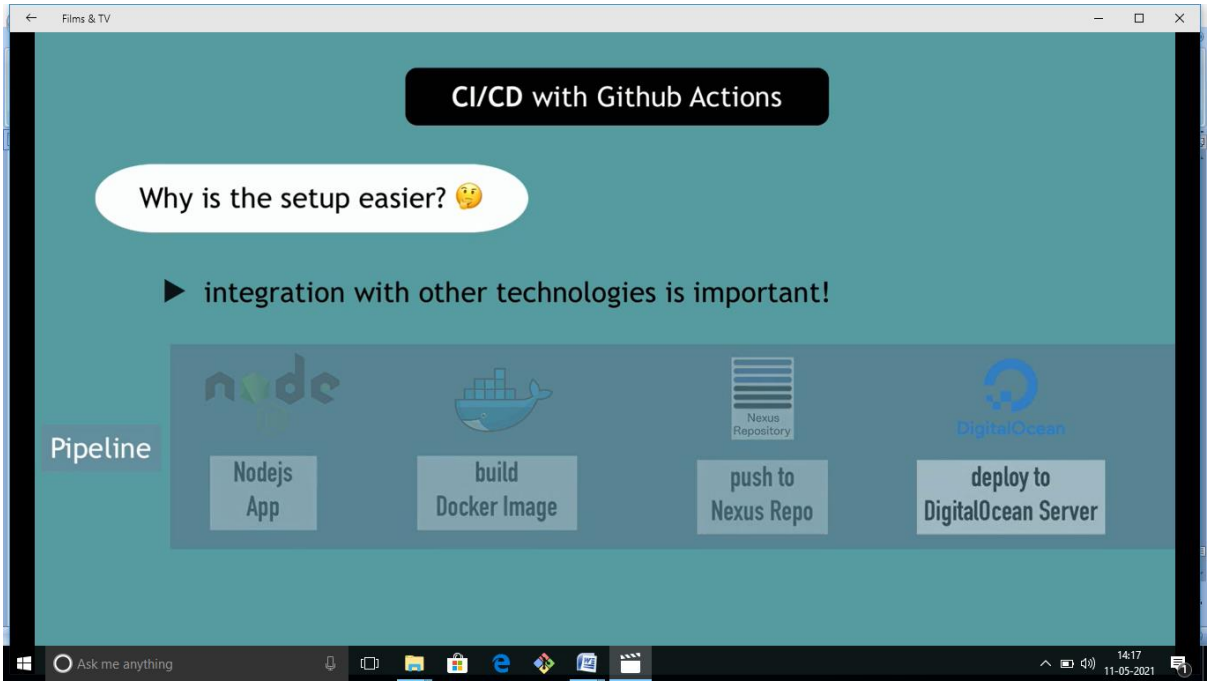

How GitHub Actions automate these workflows?
1) Listen to Event
PR created
Contr.
other apps
Issue created
PR merged
GitHub Events
2) Trigger workflow
Sort
Label
Assign it
Reproduce

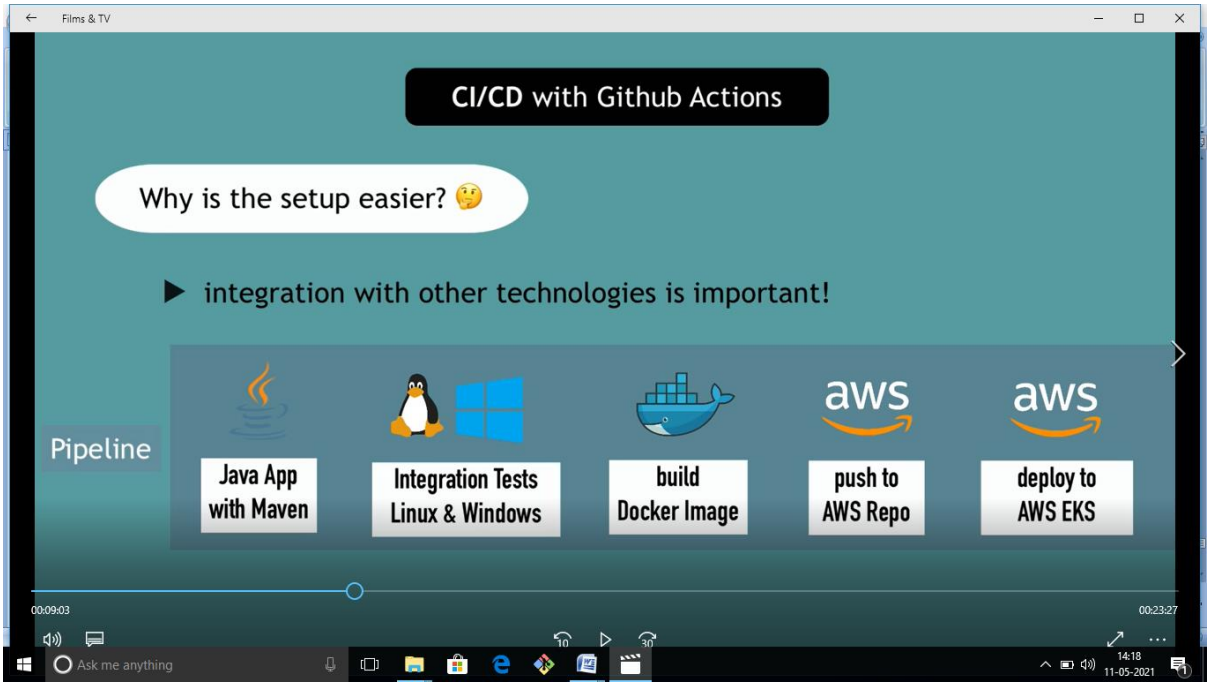

Films & TV
How GitHub Actions automate these workflows?
1) Listen to Event
PR created
other apps
Contr.
Issue created
PR merged
GitHub Events
2) Trigger workflow
GitHub Actions
Sort
Label
Assign it
Reproduce
Action
Action
Action
Action
Ask me anything
14:14
11-05-2021

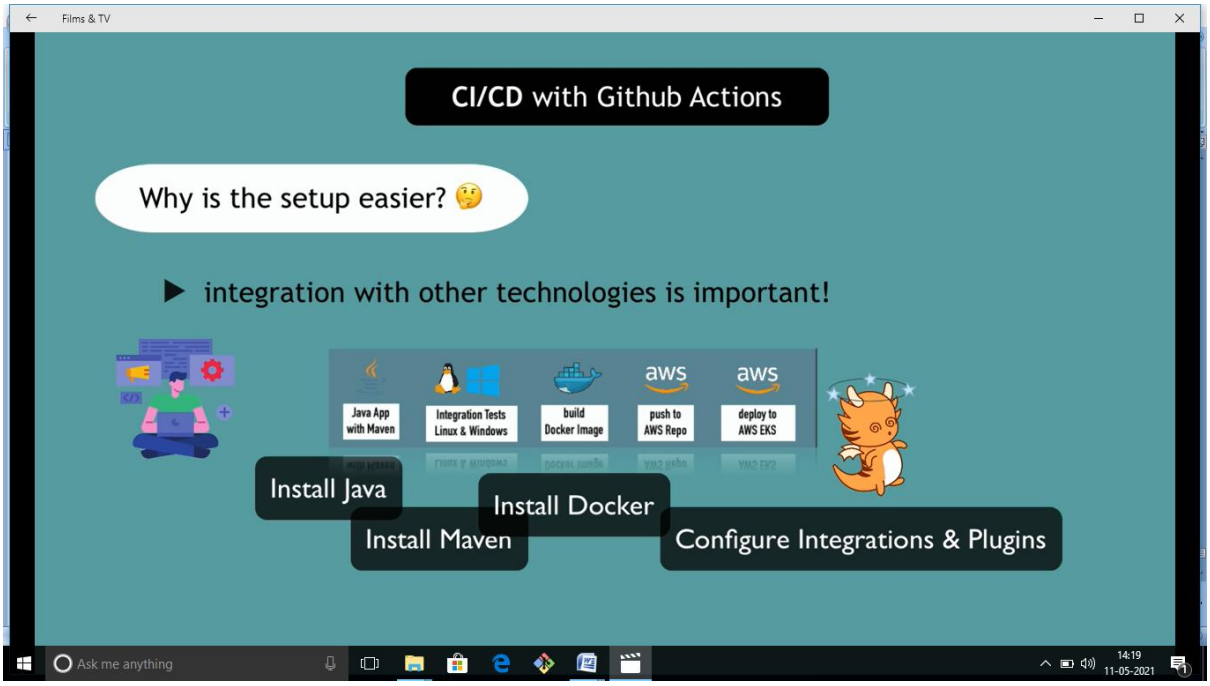

Films & TV
CI/CD with Github Actions
Ask me anything
14:14
11-05-2021

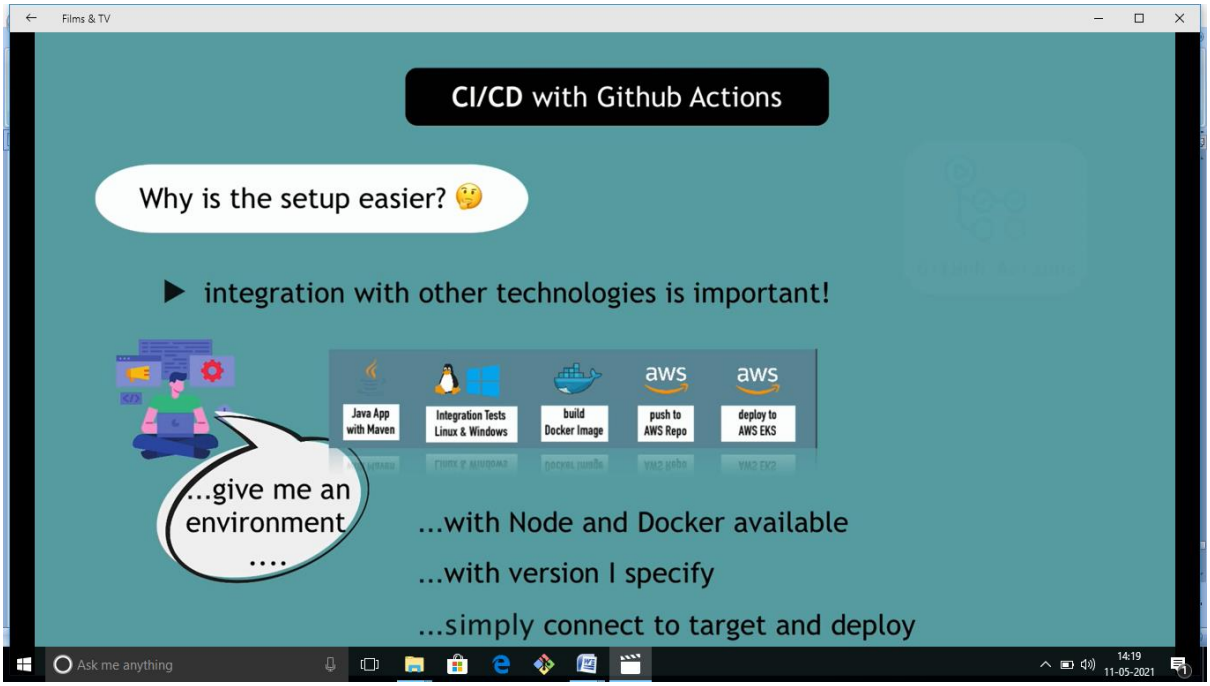

Films & TV
CI/CD with Github Actions
most common workflow for your repository
Commit code
TEST
BUILD
PUSH
DEPLOY
Ask me anything
14:15
11-05-2021

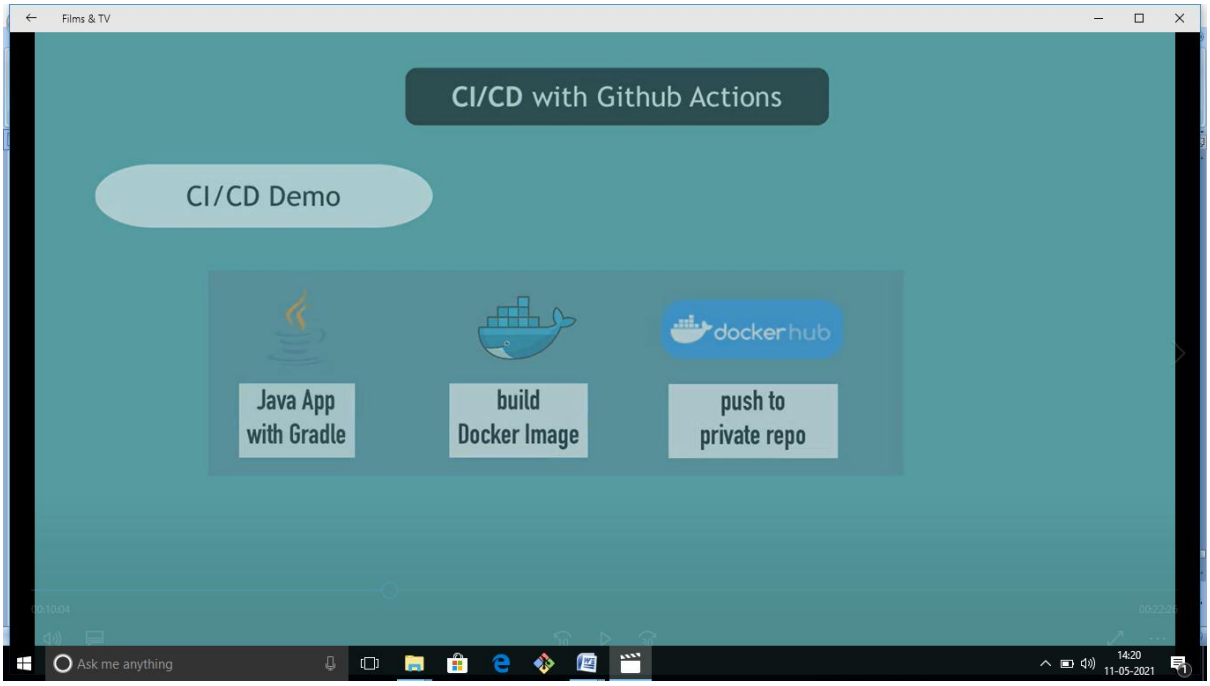

Films & TV
CI/CD with Github Actions
Just another CI/CD tool?
use same tool instead of third-party integration
setup the pipeline is easy
tool for developers
Ask me anything
14:16
11-05-2021

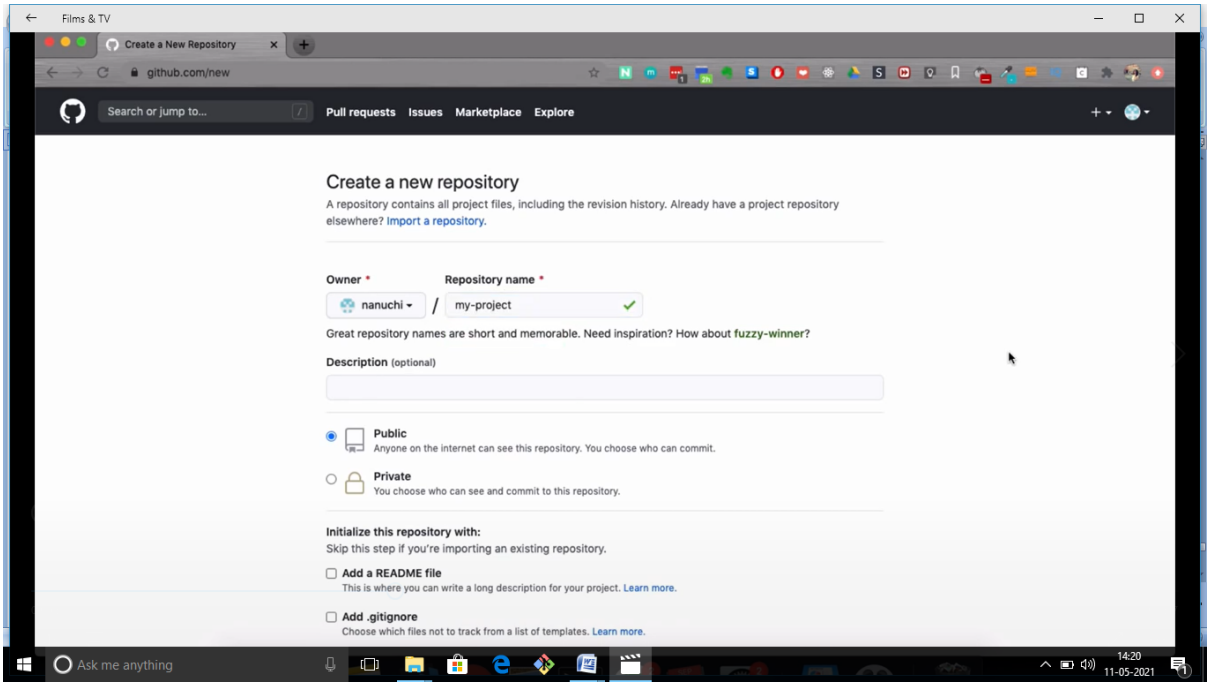

Films & TV
CI/CD with Github Actions
Why is the setup easier? 🤔
integration with other technologies is important!
Pipeline
Nodejs App
build Docker Image
Nexus Repository
push to Nexus Repo
DigitalOcean
deploy to DigitalOcean Server
Ask me anything
14:17
11-05-2021

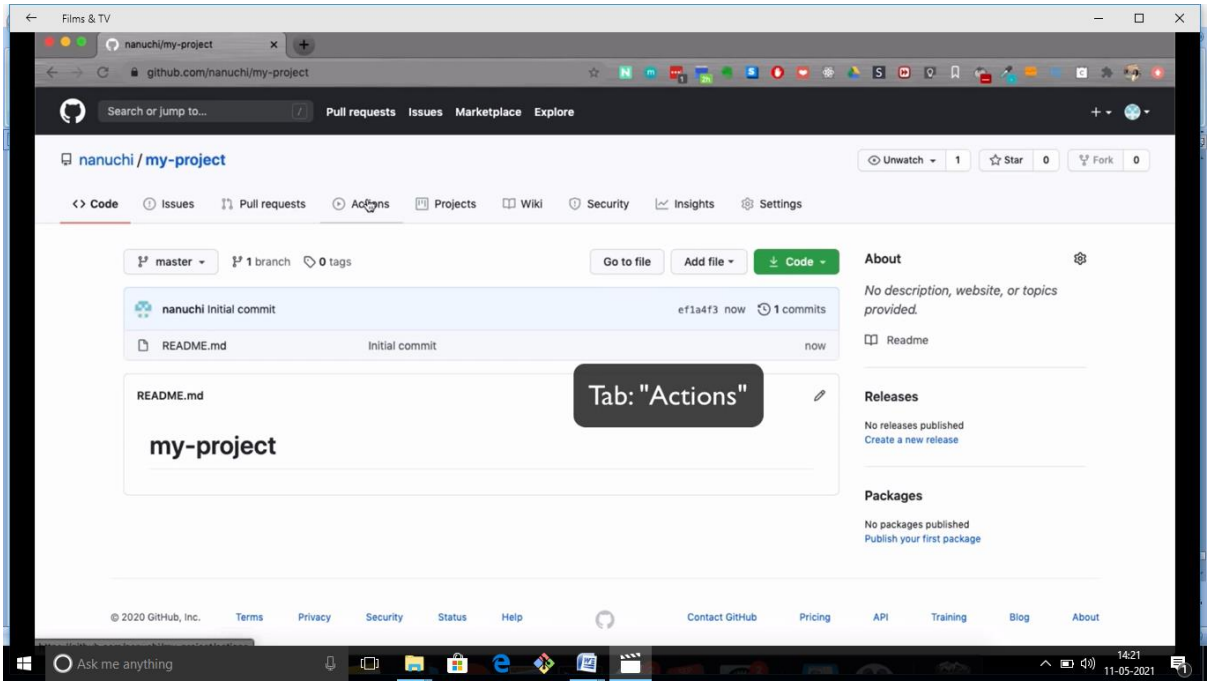

Films & TV
CI/CD with Github Actions
Why is the setup easier? 🤔
integration with other technologies is important!
Pipeline
Java App with Maven
Integration Tests Linux & Windows
build Docker Image
aws
push to AWS Repo
aws
deploy to AWS EKS
00:09:03
00:23:27
Ask me anything
14:18
11-05-2021

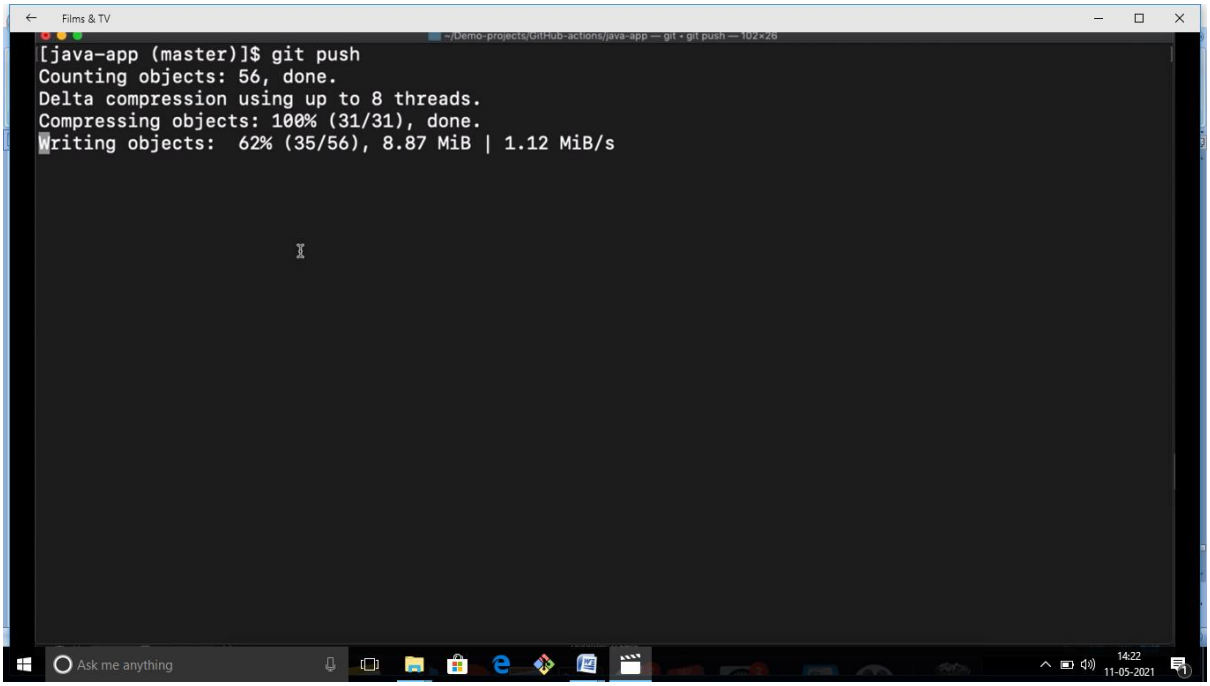

Films & TV
CI/CD with Github Actions
Why is the setup easier? 🤔
integration with other technologies is important!
Java App with Maven
Integration Tests Linux & Windows
build Docker Image
push to AWS Repo
deploy to AWS EKS
Install Java
Install Maven
Install Docker
Configure Integrations & Plugins
Ask me anything
14:19
11-05-2021

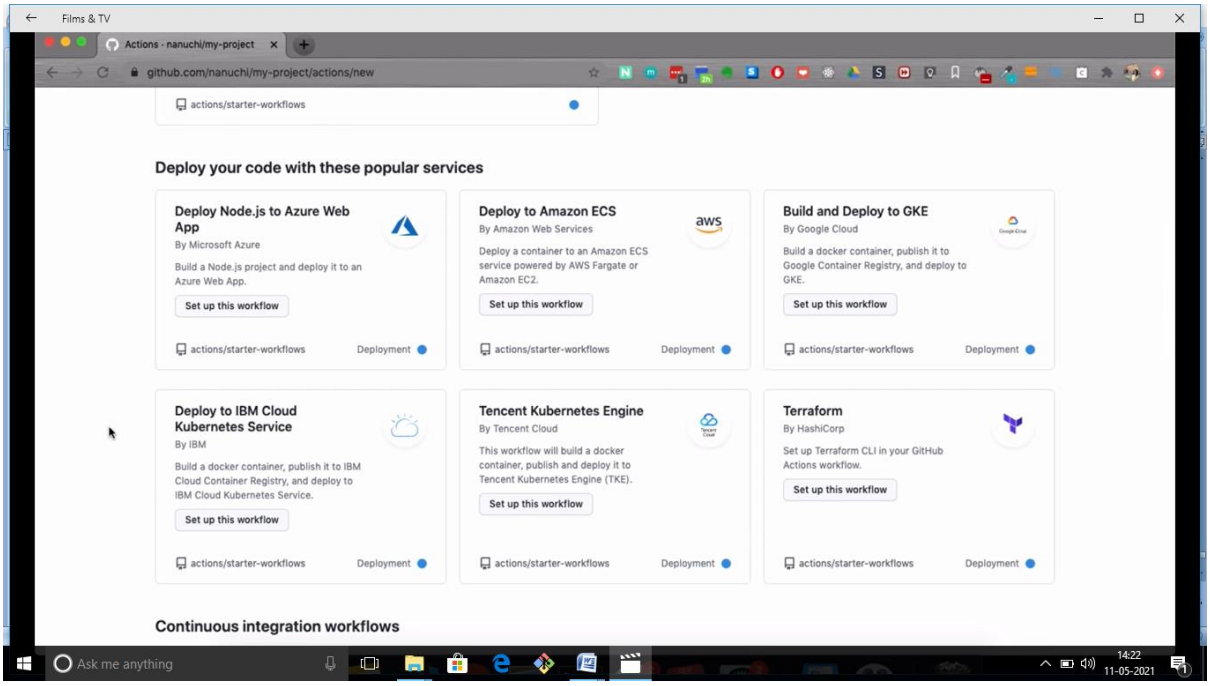

Films & TV
CI/CD with Github Actions
Why is the setup easier? 🤔
integration with other technologies is important!
Java App with Maven
Integration Tests Linux & Windows
build Docker Image
push to AWS Repo
deploy to AWS EKS
...give me an environment ....
...with Node and Docker available
...with version I specify
...simply connect to target and deploy
Ask me anything
14:19
11-05-2021

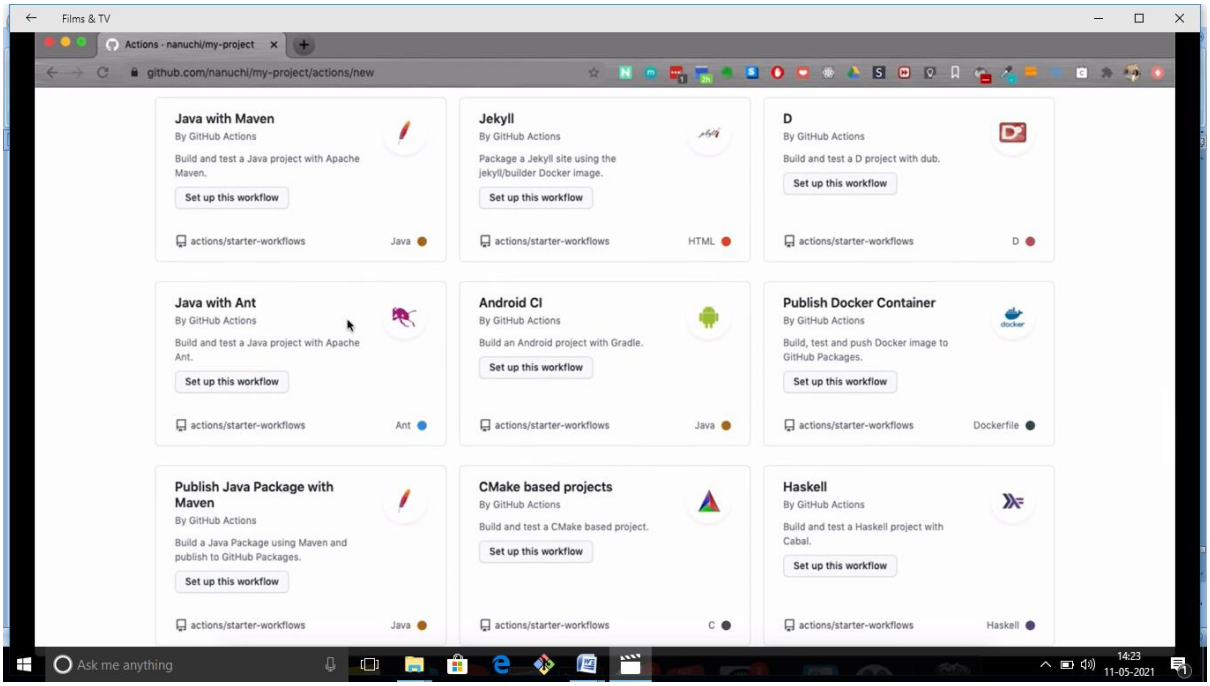

Films & TV
CI/CD with Github Actions
CI/CD Demo
Java App with Gradle
build Docker Image
docker hub
push to private repo
Ask me anything
14:20
11-05-2021

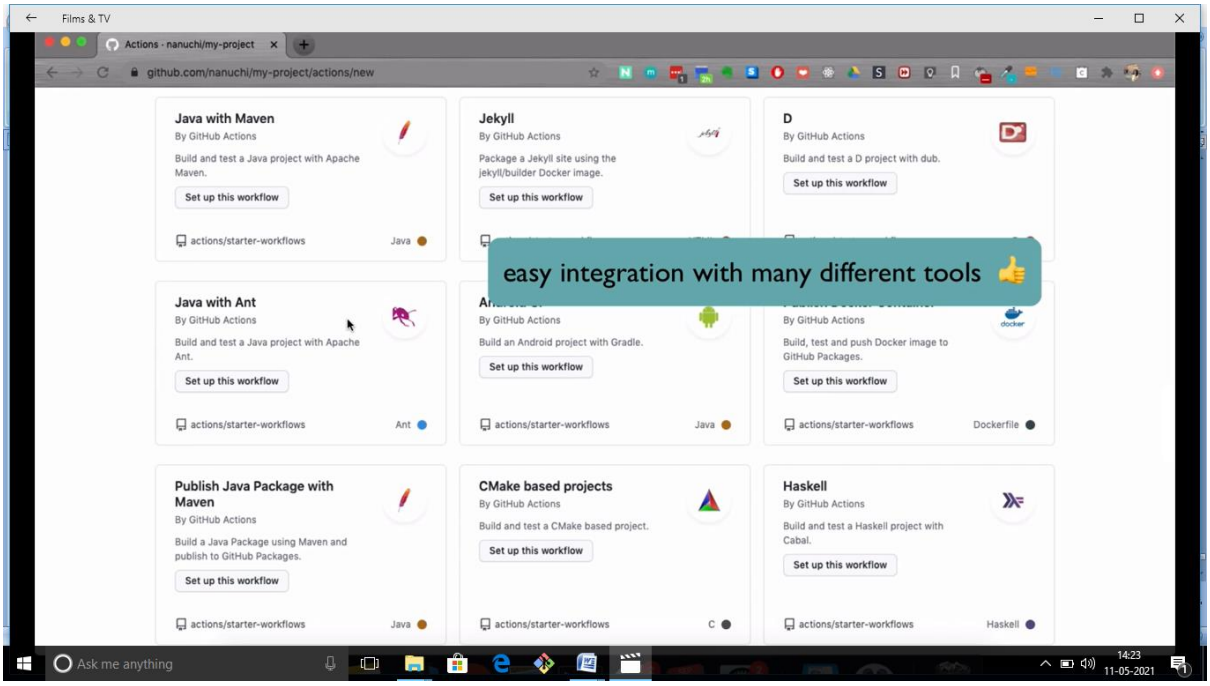

Films & TV
Create a New Repository
github.com/new
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Create a new repository
A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.
Owner *
Repository name *
nanuchi
my-project
Great repository names are short and memorable. Need inspiration? How about fuzzy-winner?
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.
Add a README file
This is where you can write a long description for your project. Learn more.
Add .gitignore
Choose which files not to track from a list of templates. Learn more.
Ask me anything
14:20
11-05-2021

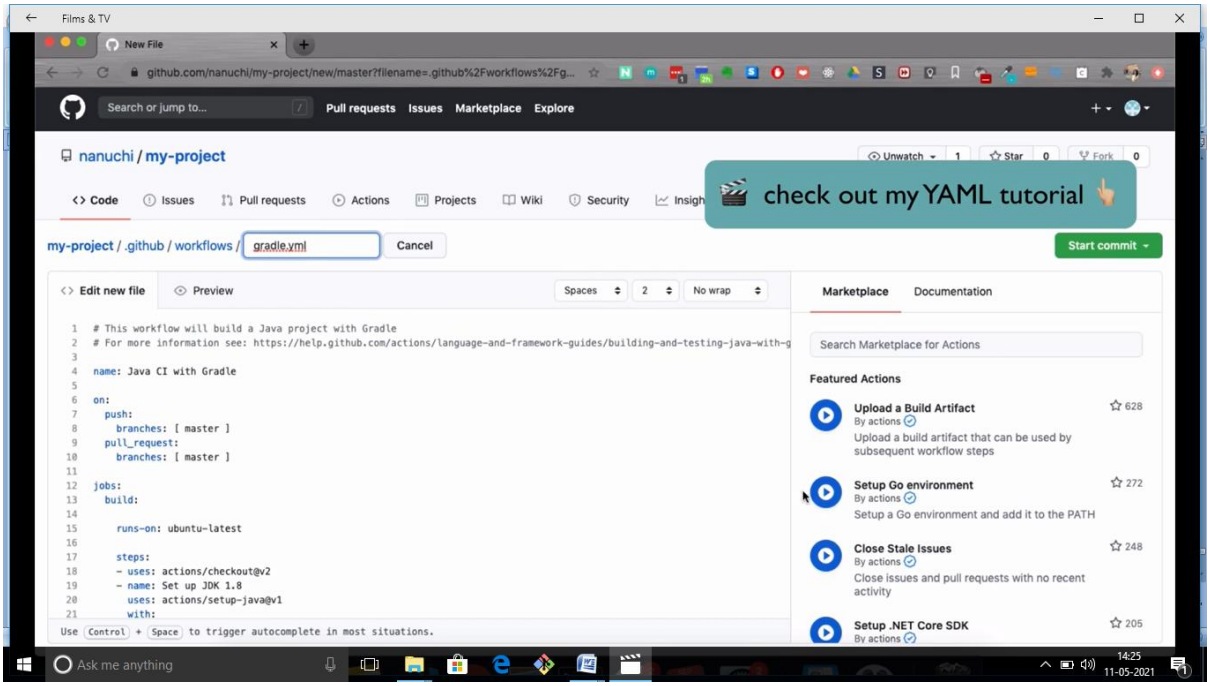

Films & TV
nanuchi/my-project
github.com/nanuchi/my-project
Search or jump to...
Pull requests
Issues
Marketplace
Explore
nanuchi / my-project
Unwatch 1
Star 0
Fork 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
master
1 branch
0 tags
Go to file
Add file
Code
About
No description, website, or topics provided.
nanuchi Initial commit
ef1a4f3 now
1 commits
README.md
Initial commit
now
Readme
Tab: "Actions"
README.md
my-project
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
© 2020 GitHub, Inc.
Terms
Privacy
Security
Status
Help
Contact GitHub
Pricing
API
Training
Blog
About
Ask me anything
14:21
11-05-2021

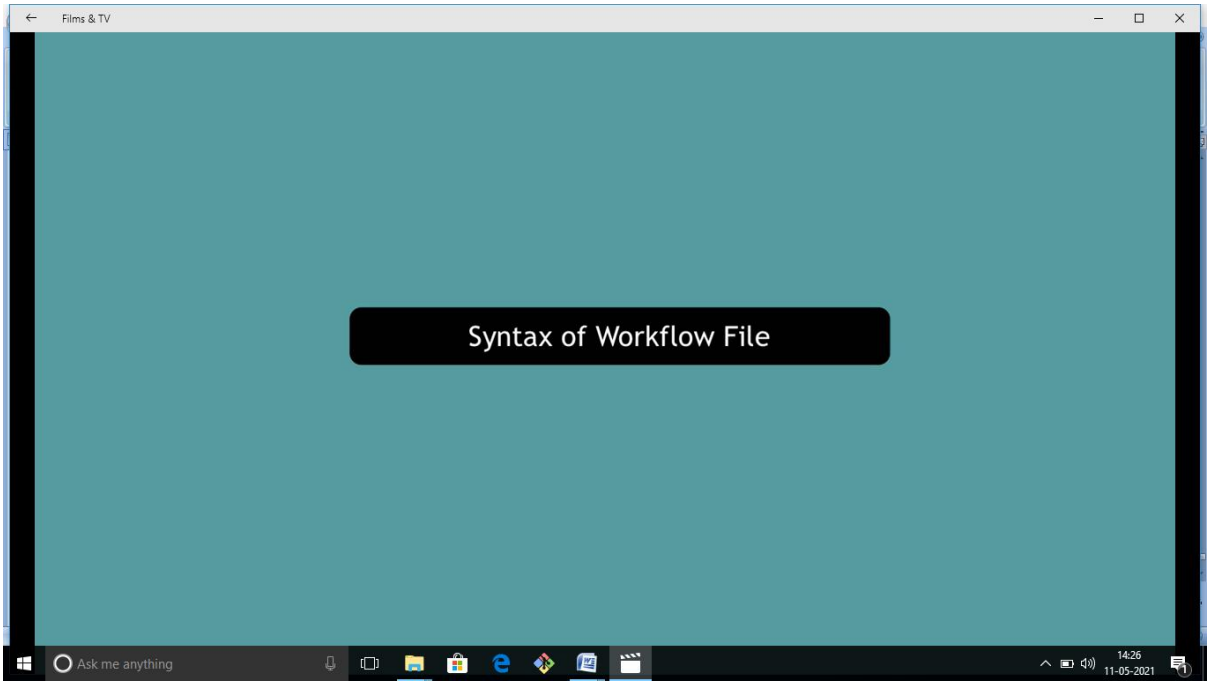

Films & TV
[java-app (master)]$ git push
Counting objects: 56, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (31/31), done.
Writing objects: 62% (35/56), 8.87 MiB | 1.12 MiB/s
Ask me anything
14:22
11-05-2021

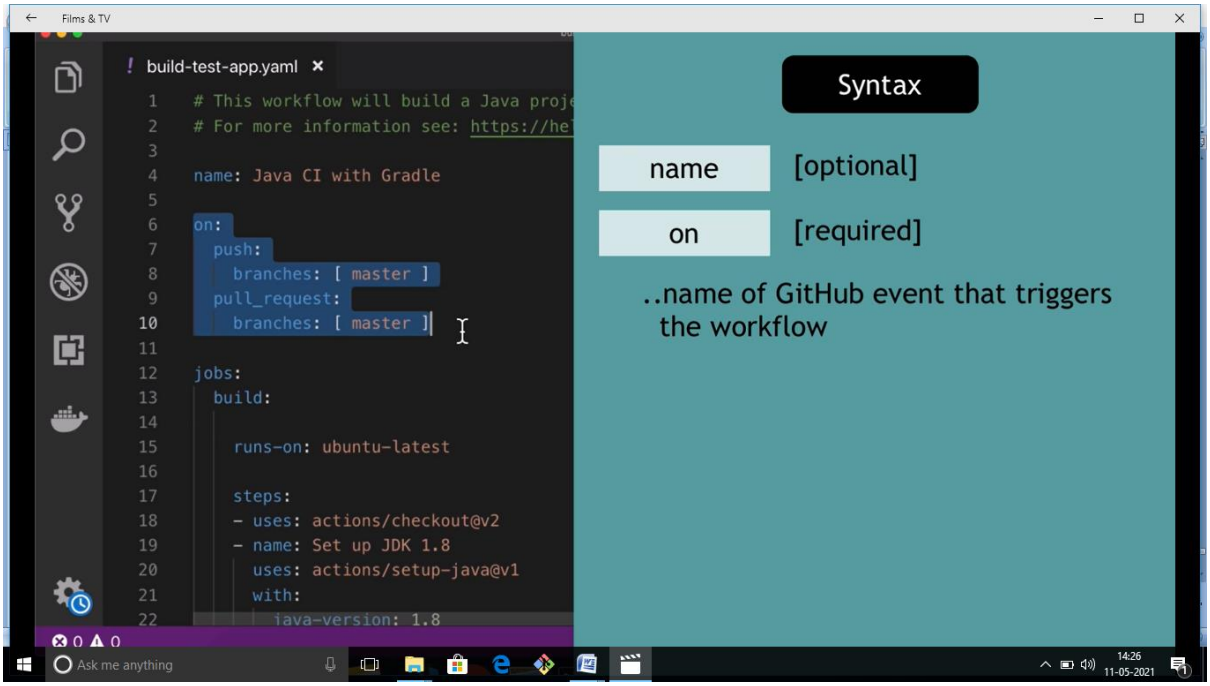

Films & TV
Actions · nanuchi/my-project
github.com/nanuchi/my-project/actions/new
actions/starter-workflows
Deploy your code with these popular services
Deploy Node.js to Azure Web App
By Microsoft Azure
Build a Node.js project and deploy it to an Azure Web App.
Set up this workflow
actions/starter-workflows Deployment
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
actions/starter-workflows Deployment
Build and Deploy to GKE
By Google Cloud
Build a docker container, publish it to Google Container Registry, and deploy to GKE.
Set up this workflow
actions/starter-workflows Deployment
Deploy to IBM Cloud Kubernetes Service
By IBM
Build a docker container, publish it to IBM Cloud Container Registry, and deploy to IBM Cloud Kubernetes Service.
Set up this workflow
actions/starter-workflows Deployment
Tencent Kubernetes Engine
By Tencent Cloud
This workflow will build a docker container, publish and deploy it to Tencent Kubernetes Engine (TKE).
Set up this workflow
actions/starter-workflows Deployment
Terraform
By HashiCorp
Set up Terraform CLI in your GitHub Actions workflow.
Set up this workflow
actions/starter-workflows Deployment
Continuous integration workflows
Ask me anything
14:22
11-05-2021

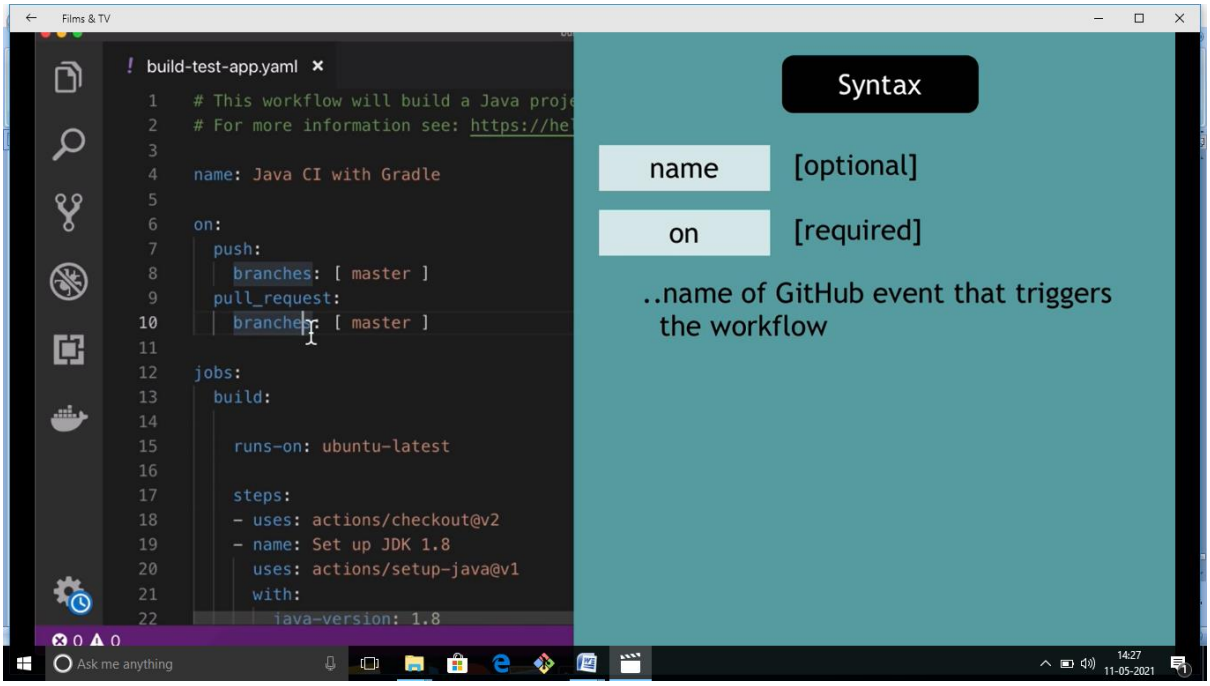

Films & TV
Actions · nanuchi/my-project
github.com/nanuchi/my-project/actions/new
Java with Maven
By GitHub Actions
Build and test a Java project with Apache Maven.
Set up this workflow
actions/starter-workflows Java
Jekyll
By GitHub Actions
Package a Jekyll site using the jekyll/builder Docker image.
Set up this workflow
actions/starter-workflows HTML
D
By GitHub Actions
Build and test a D project with dub.
Set up this workflow
actions/starter-workflows D
Java with Ant
By GitHub Actions
Build and test a Java project with Apache Ant.
Set up this workflow
actions/starter-workflows Ant
Android CI
By GitHub Actions
Build an Android project with Gradle.
Set up this workflow
actions/starter-workflows Java
Publish Docker Container
By GitHub Actions
Build, test and push Docker image to GitHub Packages.
Set up this workflow
actions/starter-workflows Dockerfile
Publish Java Package with Maven
By GitHub Actions
Build a Java Package using Maven and publish to GitHub Packages.
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
Haskell
By GitHub Actions
Build and test a Haskell project with Cabal.
Set up this workflow
actions/starter-workflows Haskell
Ask me anything
14:23
11-05-2021

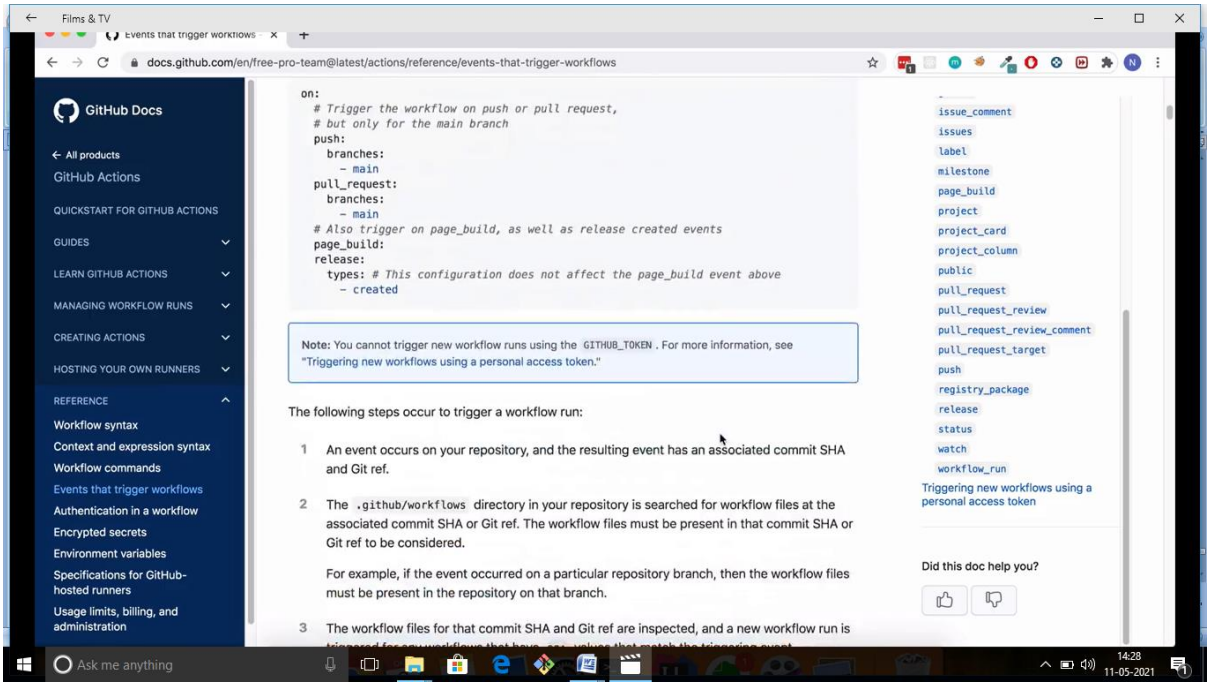

Films & TV
Actions · nanuchi/my-project
github.com/nanuchi/my-project/actions/new
Java with Maven
By GitHub Actions
Build and test a Java project with Apache Maven.
Set up this workflow
actions/starter-workflows
Java
Jekyll
By GitHub Actions
Package a Jekyll site using the jekyll/builder Docker image.
Set up this workflow
D
By GitHub Actions
Build and test a D project with dub.
Set up this workflow
easy integration with many different tools
Java with Ant
By GitHub Actions
Build and test a Java project with Apache Ant.
Set up this workflow
actions/starter-workflows
Ant
By GitHub Actions
Build an Android project with Gradle.
Set up this workflow
actions/starter-workflows
Java
By GitHub Actions
Build, test and push Docker image to GitHub Packages.
Set up this workflow
actions/starter-workflows
Dockerfile
Publish Java Package with Maven
By GitHub Actions
Build a Java Package using Maven and publish to GitHub Packages.
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
Haskell
By GitHub Actions
Build and test a Haskell project with Cabal.
Set up this workflow
actions/starter-workflows
Haskell
Ask me anything
14:23
11-05-2021

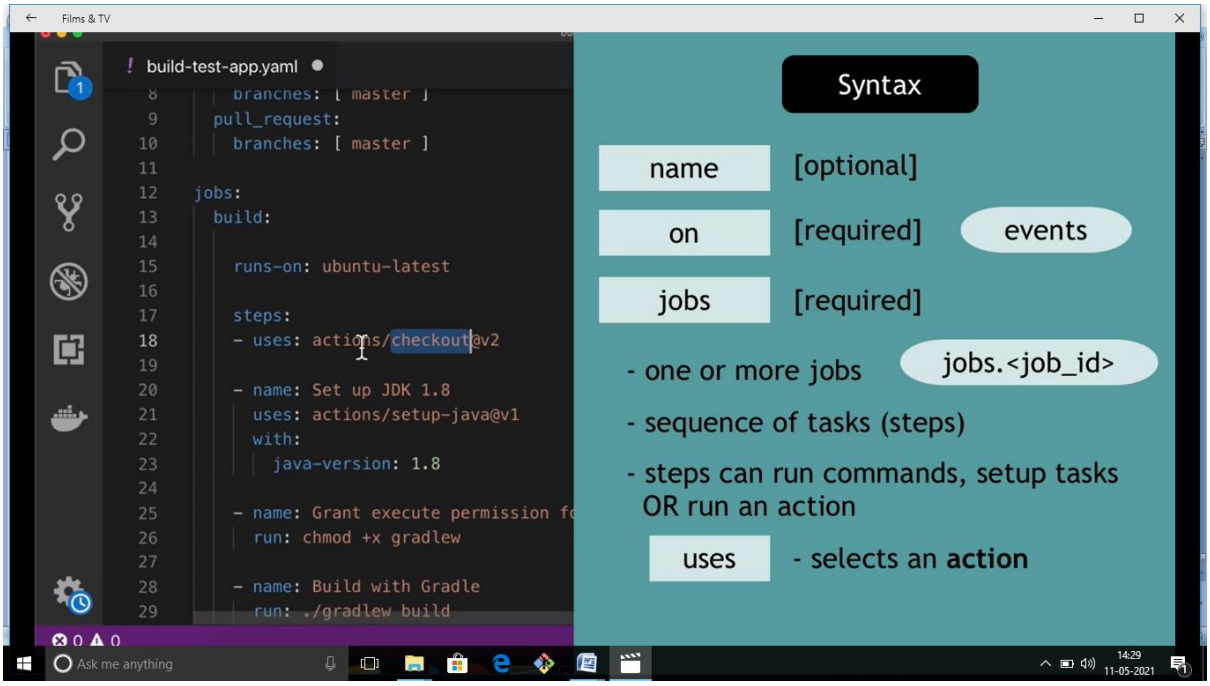

Films & TV
New File
github.com/nanuchi/my-project/new/master?filename=.github%2Fworkflows%2Fg...
Search or jump to...
Pull requests
Issues
Marketplace
Explore
nanuchi / my-project
Unwatch 1
Star 0
Fork 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insigh
check out my YAML tutorial
my-project / .github / workflows / gradle.yml
Cancel
Start commit
Edit new file
Preview
Spaces
2
No wrap
This workflow will build a Java project with Gradle
For more information see: https://help.github.com/actions/language-and-framework-guides/building-and-testing-java-with-g
name: Java CI with Gradle
on:
push:
branches: [master]
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
Use Control + Space to trigger autocomplete in most situations.
Marketplace
Documentation
Search Marketplace for Actions
Featured Actions
Upload a Build Artifact
By actions
Upload a build artifact that can be used by subsequent workflow steps
628
Setup Go environment
By actions
Setup a Go environment and add it to the PATH
272
Close Stale Issues
By actions
Close issues and pull requests with no recent activity
248
Setup .NET Core SDK
By actions
205
Ask me anything
14:25
11-05-2021

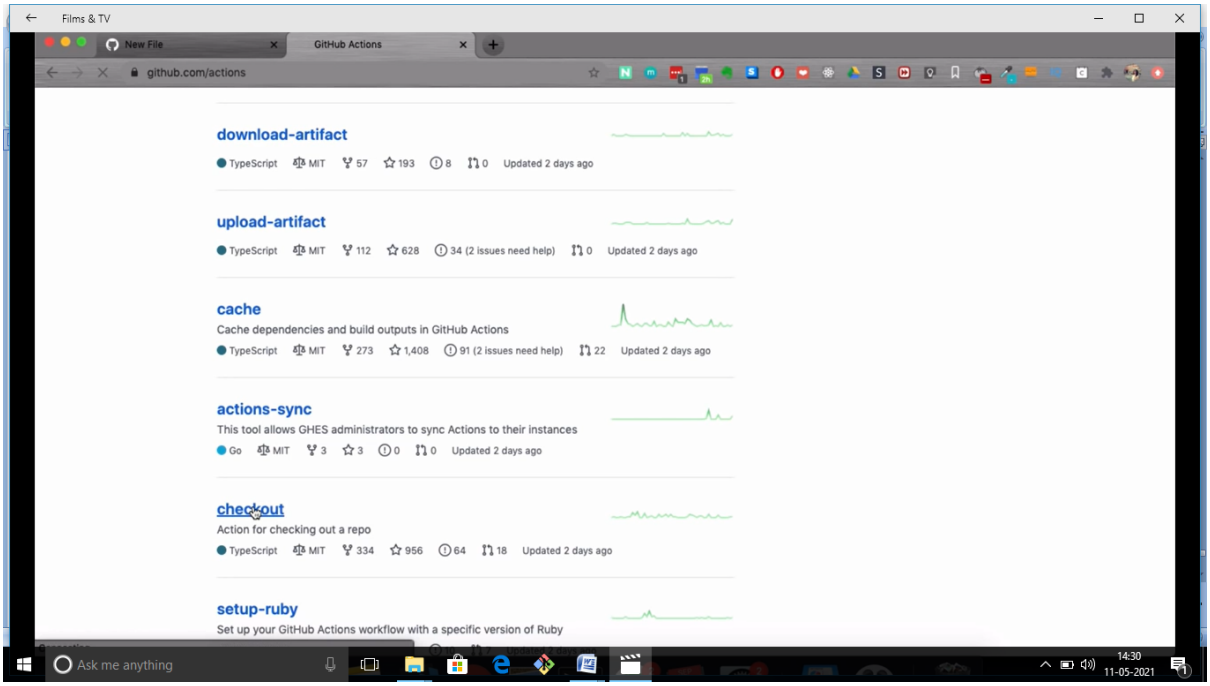

Films & TV
Syntax of Workflow File
Ask me anything
14:26
11-05-2021

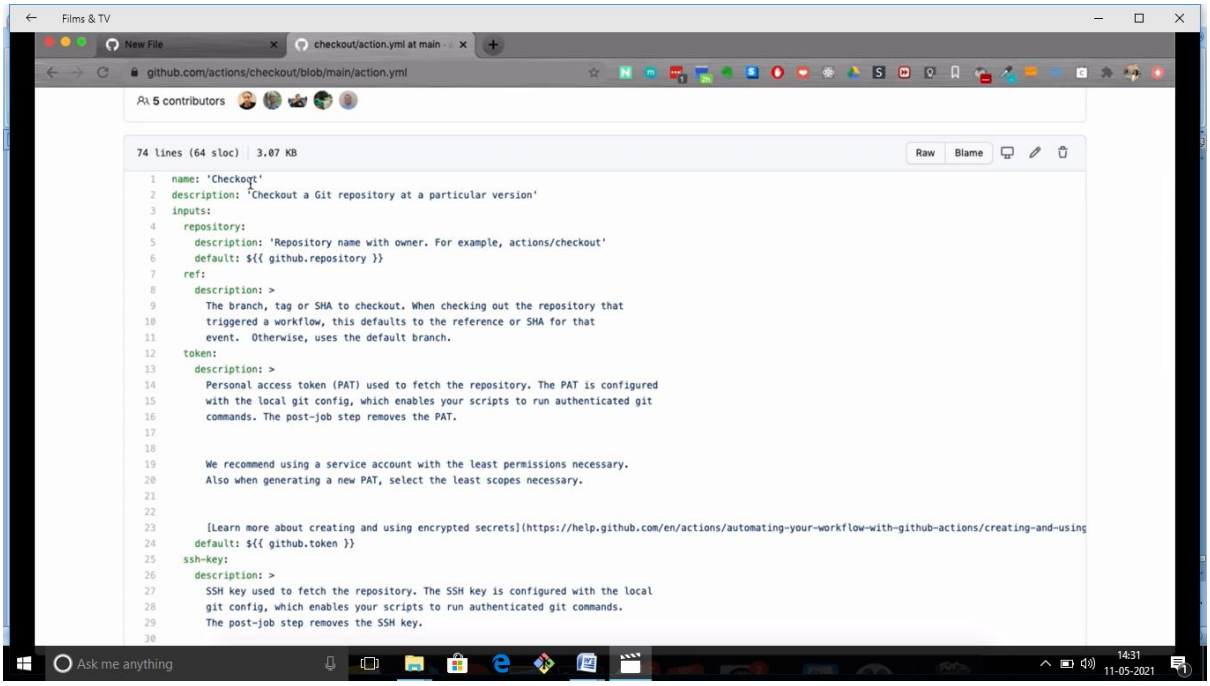

Films & TV
build-test-app.yaml
This workflow will build a Java proje
For more information see: https://he
name: Java CI with Gradle
on:
push:
branches: [master]
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
Syntax
name [optional]
on [required]
..name of GitHub event that triggers the workflow
Ask me anything
14:26
11-05-2021

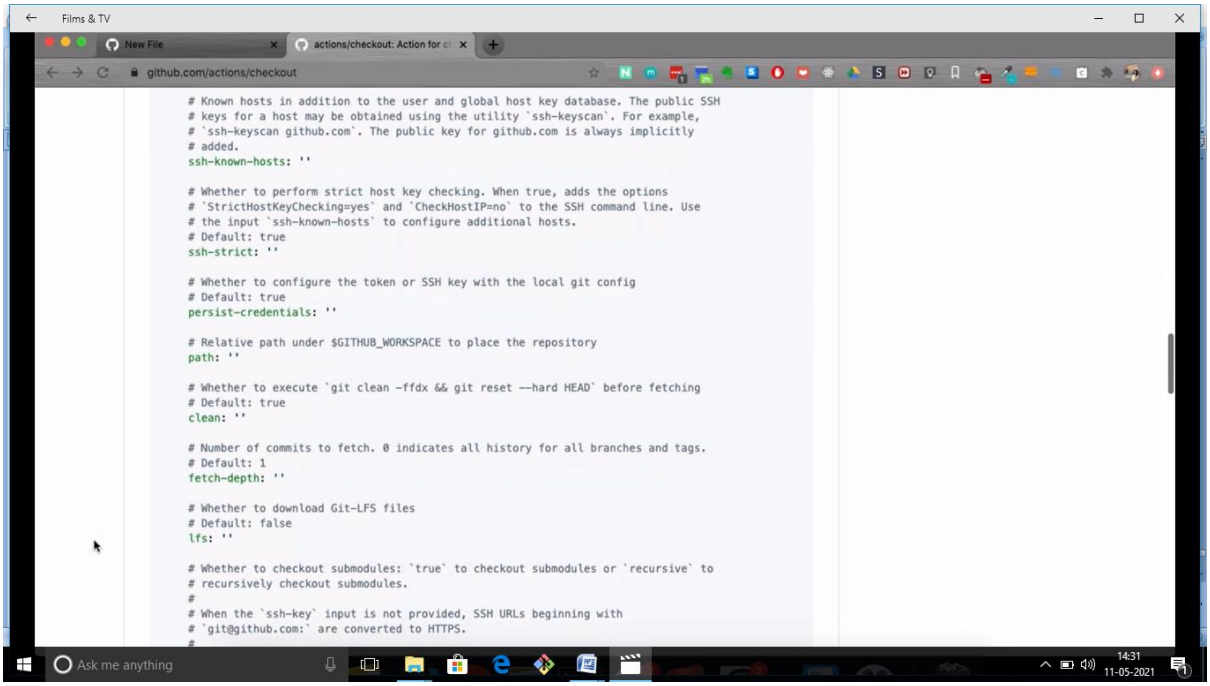

Films & TV
build-test-app.yaml
This workflow will build a Java proj
For more information see: https://he
name: Java CI with Gradle
on:
push:
branches: [master]
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
Syntax
name
[optional]
on
[required]
..name of GitHub event that triggers the workflow
Ask me anything
14:27
11-05-2021

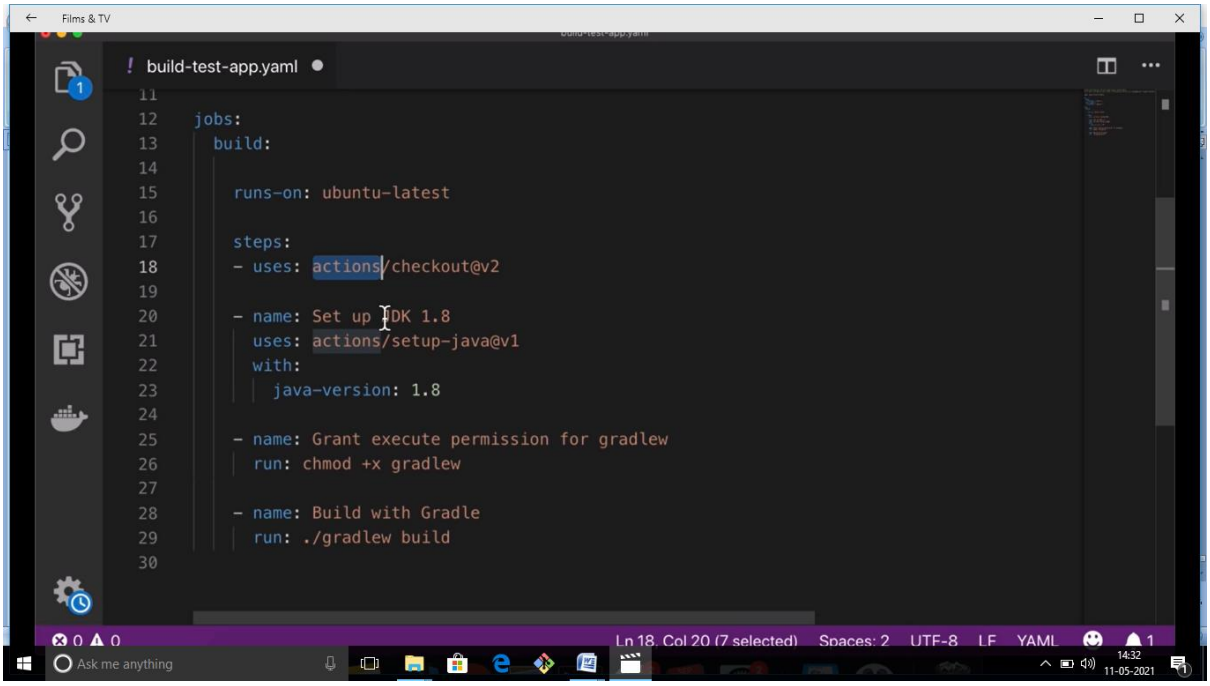

Films & TV
docs.github.com/en/free-pro-team@latest/actions/reference/events-that-trigger-workflows
GitHub Docs
All products
GitHub Actions
QUICKSTART FOR GITHUB ACTIONS
GUIDES
LEARN GITHUB ACTIONS
MANAGING WORKFLOW RUNS
CREATING ACTIONS
HOSTING YOUR OWN RUNNERS
REFERENCE
Workflow syntax
Context and expression syntax
Workflow commands
Events that trigger workflows
Authentication in a workflow
Encrypted secrets
Environment variables
Specifications for GitHub-hosted runners
Usage limits, billing, and administration
on:
Trigger the workflow on push or pull request,
but only for the main branch
push:
branches:
- main
pull_request:
branches:
- main
Also trigger on page_build, as well as release created events
page_build:
release:
types: # This configuration does not affect the page_build event above
- created
Note: You cannot trigger new workflow runs using the GITHUB_TOKEN. For more information, see "Triggering new workflows using a personal access token."
The following steps occur to trigger a workflow run:
1 An event occurs on your repository, and the resulting event has an associated commit SHA and Git ref.
2 The .github/workflows directory in your repository is searched for workflow files at the associated commit SHA or Git ref. The workflow files must be present in that commit SHA or Git ref to be considered.
For example, if the event occurred on a particular repository branch, then the workflow files must be present in the repository on that branch.
3 The workflow files for that commit SHA and Git ref are inspected, and a new workflow run is
issue_comment
issues
label
milestone
page_build
project
project_card
project_column
public
pull_request
pull_request_review
pull_request_review_comment
pull_request_target
push
registry_package
release
status
watch
workflow_run
Triggering new workflows using a personal access token
Did this doc help you?
Ask me anything
14:28
11-05-2021

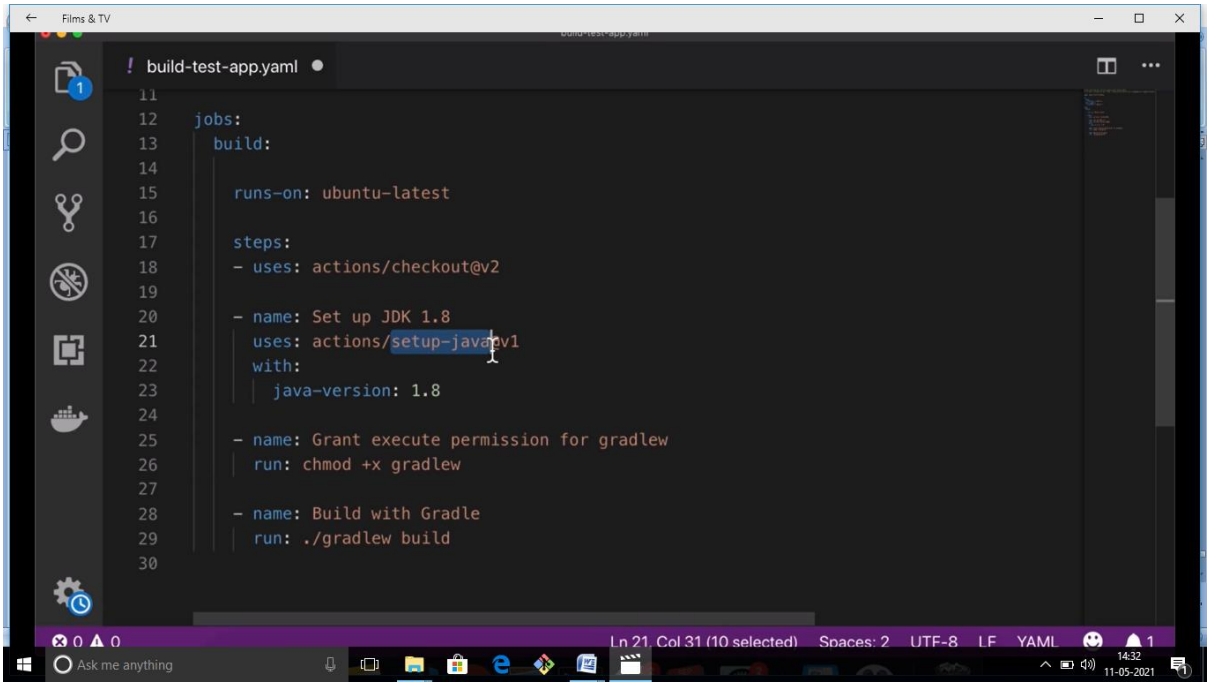

Films & TV
build-test-app.yaml
branches: [master]
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission fo
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
Syntax
name [optional]
on [required] events
jobs [required]
- one or more jobs jobs.<job_id>
- sequence of tasks (steps)
- steps can run commands, setup tasks OR run an action
uses - selects an action
Ask me anything
14:29
11-05-2021

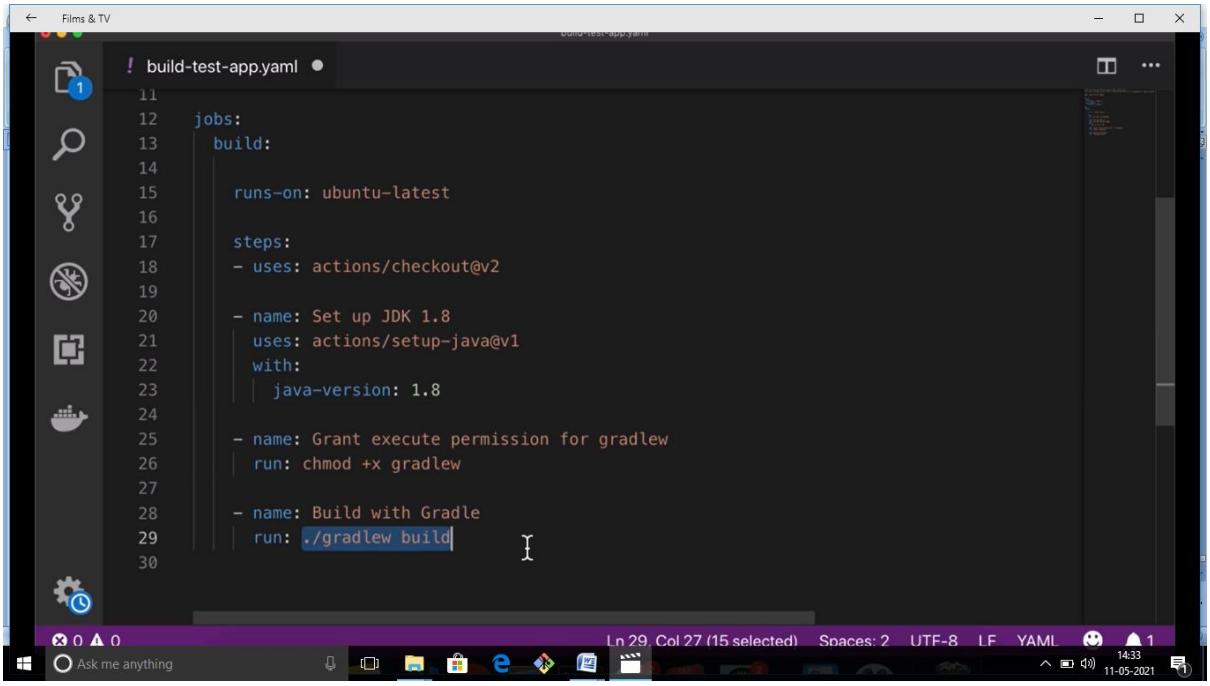

Films & TV
New File
GitHub Actions
github.com/actions
download-artifact
TypeScript MIT 57 193 8 0 Updated 2 days ago
upload-artifact
TypeScript MIT 112 628 34 (2 issues need help) 0 Updated 2 days ago
cache
Cache dependencies and build outputs in GitHub Actions
TypeScript MIT 273 1,408 91 (2 issues need help) 22 Updated 2 days ago
actions-sync
This tool allows GHES administrators to sync Actions to their instances
Go MIT 3 3 0 0 Updated 2 days ago
checkout
Action for checking out a repo
TypeScript MIT 334 956 64 18 Updated 2 days ago
setup-ruby
Set up your GitHub Actions workflow with a specific version of Ruby
Ask me anything
14:30
11-05-2021

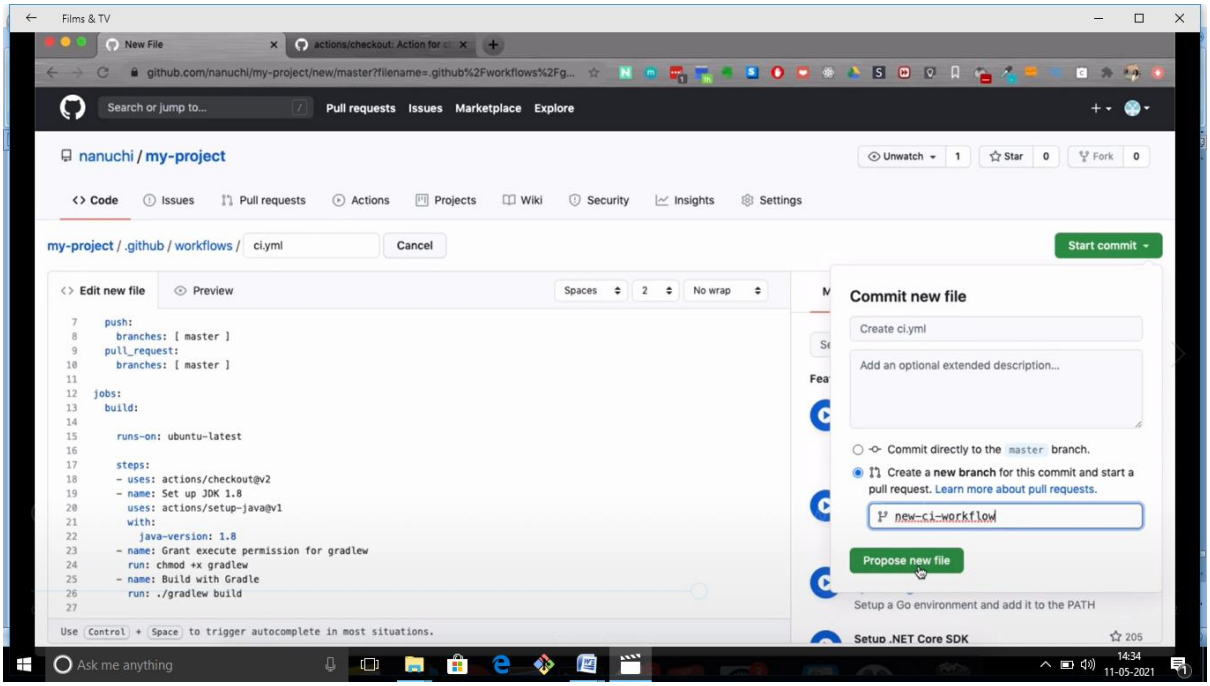

Films & TV
New File
checkout/action.yml at main
github.com/actions/checkout/blob/main/action.yml
5 contributors
74 lines (64 sloc) | 3.07 KB
Raw
Blame
name: 'Checkout'
description: 'Checkout a Git repository at a particular version'
inputs:
repository:
description: 'Repository name with owner. For example, actions/checkout'
default: ${{ github.repository }}
ref:
description: >
The branch, tag or SHA to checkout. When checking out the repository that
triggered a workflow, this defaults to the reference or SHA for that
event. Otherwise, uses the default branch.
token:
description: >
Personal access token (PAT) used to fetch the repository. The PAT is configured
with the local git config, which enables your scripts to run authenticated git
commands. The post-job step removes the PAT.
We recommend using a service account with the least permissions necessary.
Also when generating a new PAT, select the least scopes necessary.
[Learn more about creating and using encrypted secrets](https://help.github.com/en/actions/automating-your-workflow-with-github-actions/creating-and-using
default: ${{ github.token }}
ssh-key:
description: >
SSH key used to fetch the repository. The SSH key is configured with the local
git config, which enables your scripts to run authenticated git commands.
The post-job step removes the SSH key.
Ask me anything
14:31
11-05-2021

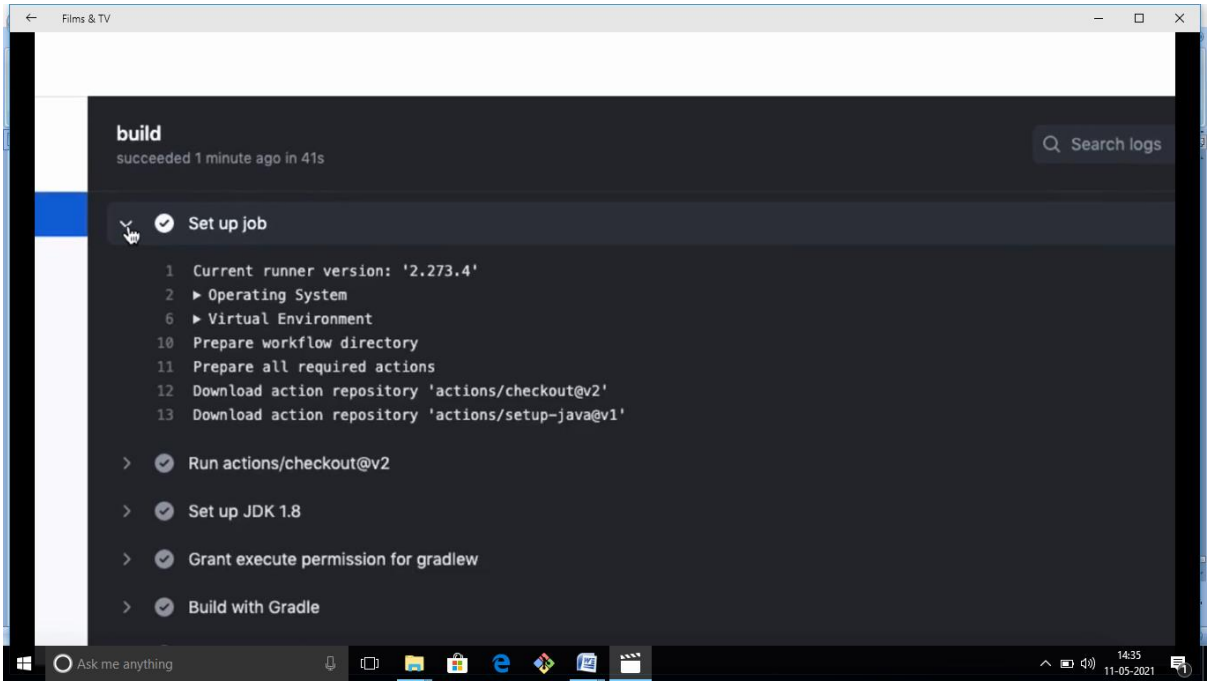

Films & TV
New File
actions/checkout: Action for
github.com/actions/checkout
Known hosts in addition to the user and global host key database. The public SSH
keys for a host may be obtained using the utility `ssh-keyscan`. For example,
`ssh-keyscan github.com`. The public key for github.com is always implicitly
added.
ssh-known-hosts: ''
Whether to perform strict host key checking. When true, adds the options
`StrictHostKeyChecking=yes` and `CheckHostIP=no` to the SSH command line. Use
the input `ssh-known-hosts` to configure additional hosts.
Default: true
ssh-strict: ''
Whether to configure the token or SSH key with the local git config
Default: true
persist-credentials: ''
Relative path under $GITHUB_WORKSPACE to place the repository
path: ''
Whether to execute `git clean -ffdx && git reset --hard HEAD` before fetching
Default: true
clean: ''
Number of commits to fetch. 0 indicates all history for all branches and tags.
Default: 1
fetch-depth: ''
Whether to download Git-LFS files
Default: false
lfs: ''
Whether to checkout submodules: `true` to checkout submodules or `recursive` to
recursively checkout submodules.
#
When the `ssh-key` input is not provided, SSH URLs beginning with
`git@github.com:` are converted to HTTPS.
#
Ask me anything
14:31
11-05-2021

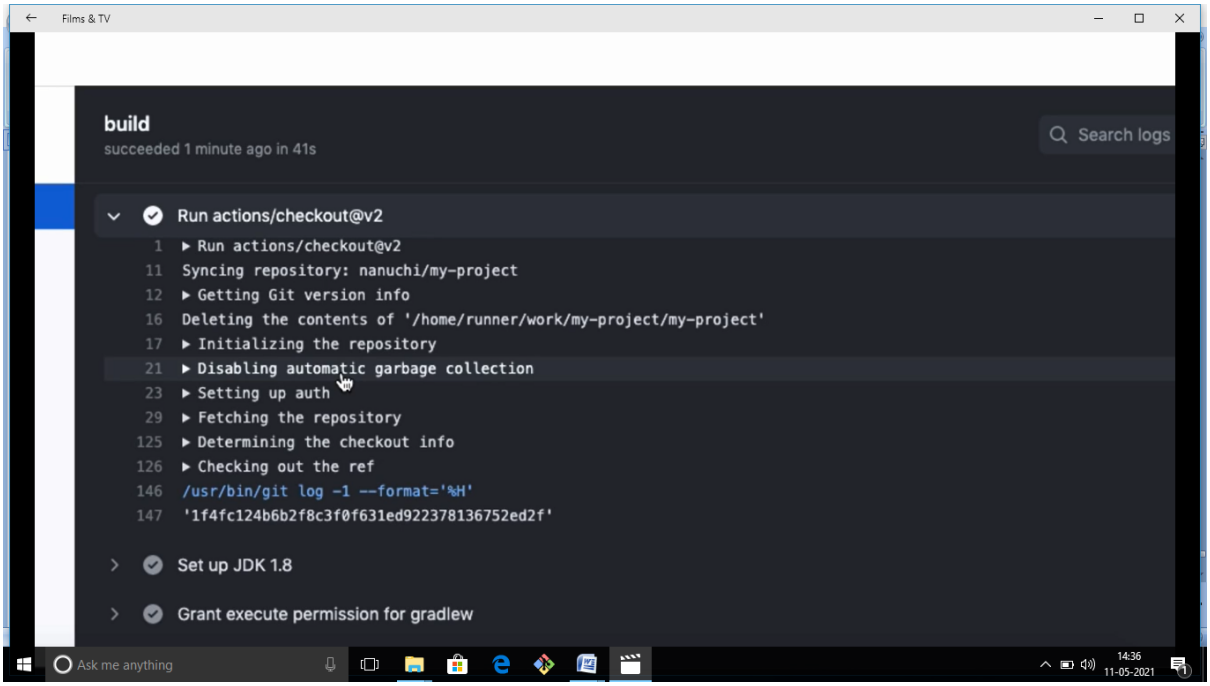

Films & TV
build-test-app.yaml
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
Ln 18, Col 20 (7 selected) Spaces: 2 UTF-8 LF YAML
Ask me anything
14:32
11-05-2021

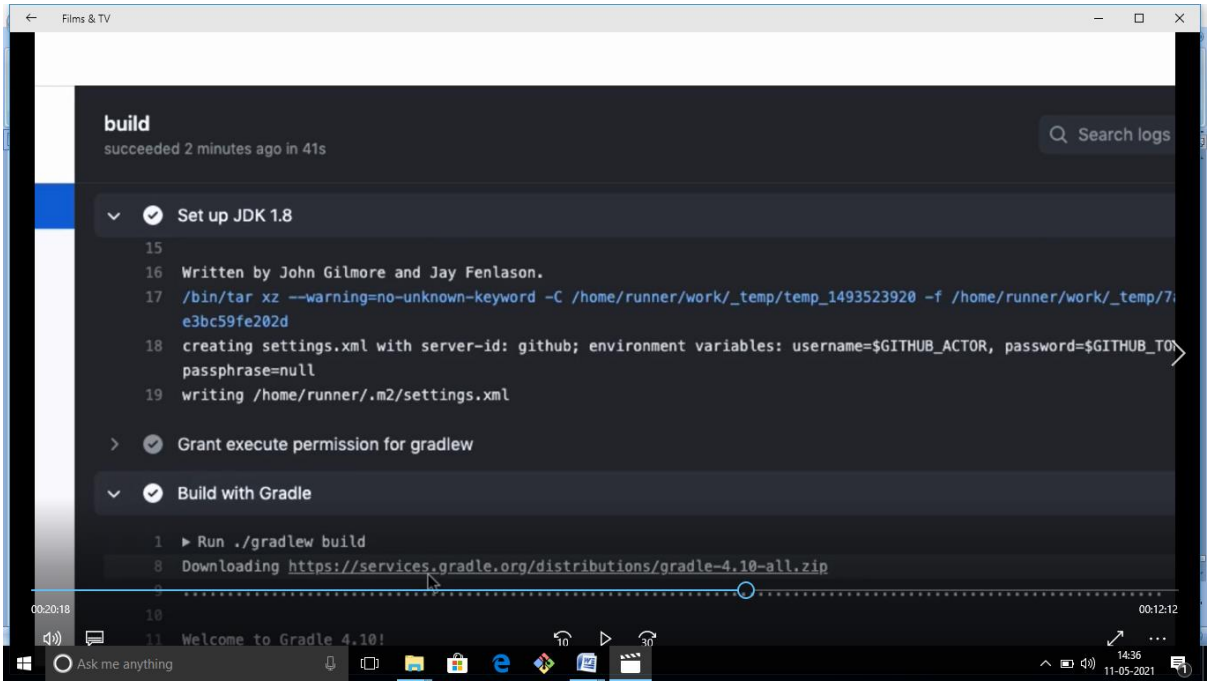

Films & TV
build-test-app.yaml
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
Ln 21, Col 31 (10 selected) Spaces: 2 UTF-8 LF YAML
Ask me anything
14:32
11-05-2021

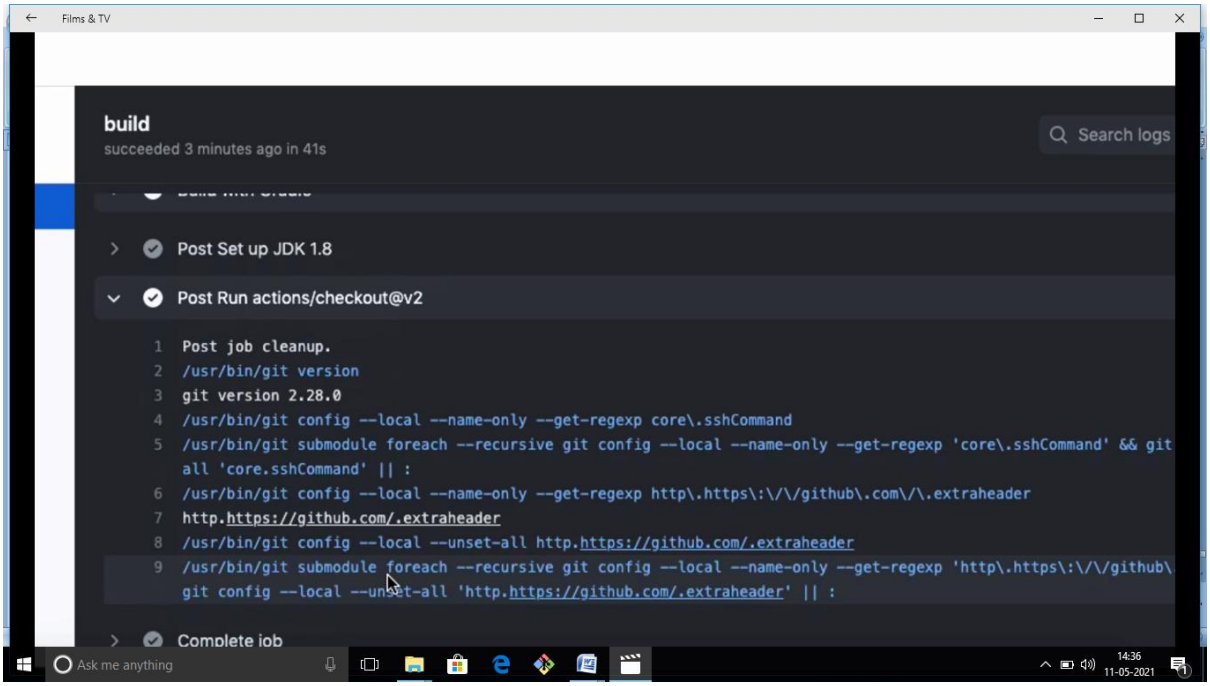

Films & TV
build-test-app.yaml
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
Ln 29, Col 27 (15 selected)
Spaces: 2
UTF-8
LF
YAML
Ask me anything
14:33
11-05-2021

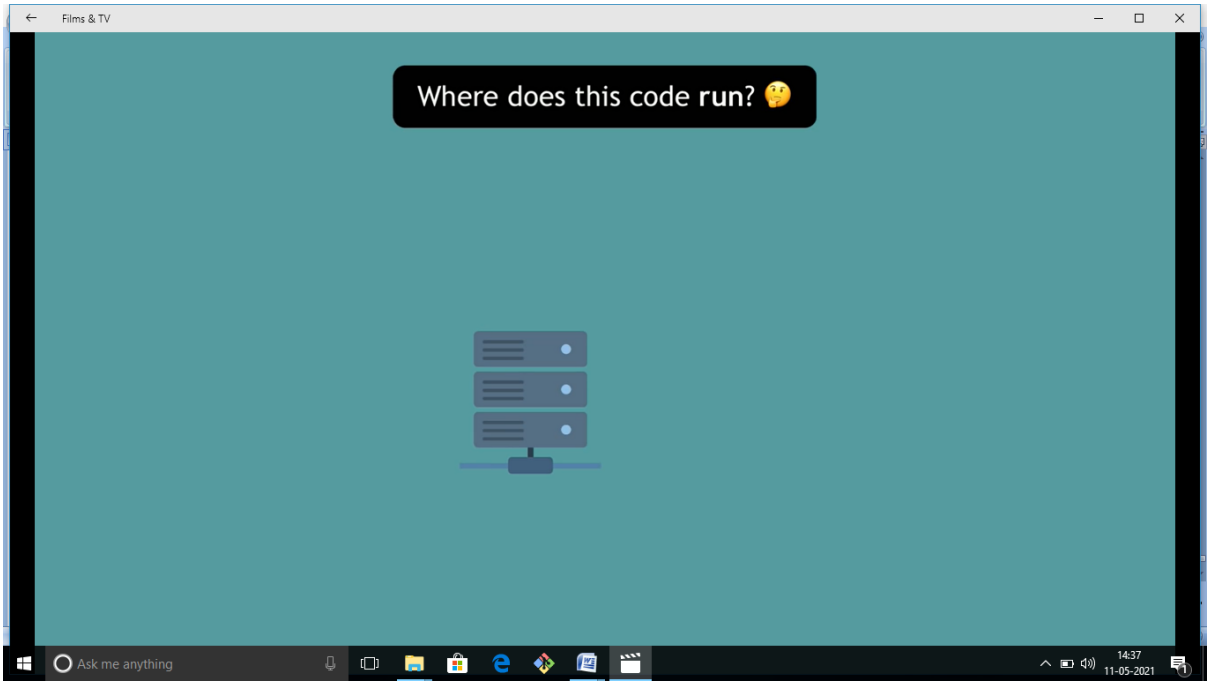

Films & TV
New File
github.com/nanuchi/my-project/new/master?filename=.github%2Fworkflows%2Fg...
Search or jump to...
Pull requests
Issues
Marketplace
Explore
nanuchi / my-project
Unwatch
1
Star
0
Fork
0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
my-project / .github / workflows / ci.yml
Cancel
Start commit
Edit new file
Preview
Spaces
2
No wrap
push:
branches: [master]
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
Use Control + Space to trigger autocomplete in most situations.
Commit new file
Create ci.yml
Add an optional extended description...
Commit directly to the master branch.
Create a new branch for this commit and start a pull request. Learn more about pull requests.
new-ci-workflow
Propose new file
Setup a Go environment and add it to the PATH
Setup .NET Core SDK
205
Ask me anything
14:34
11-05-2021

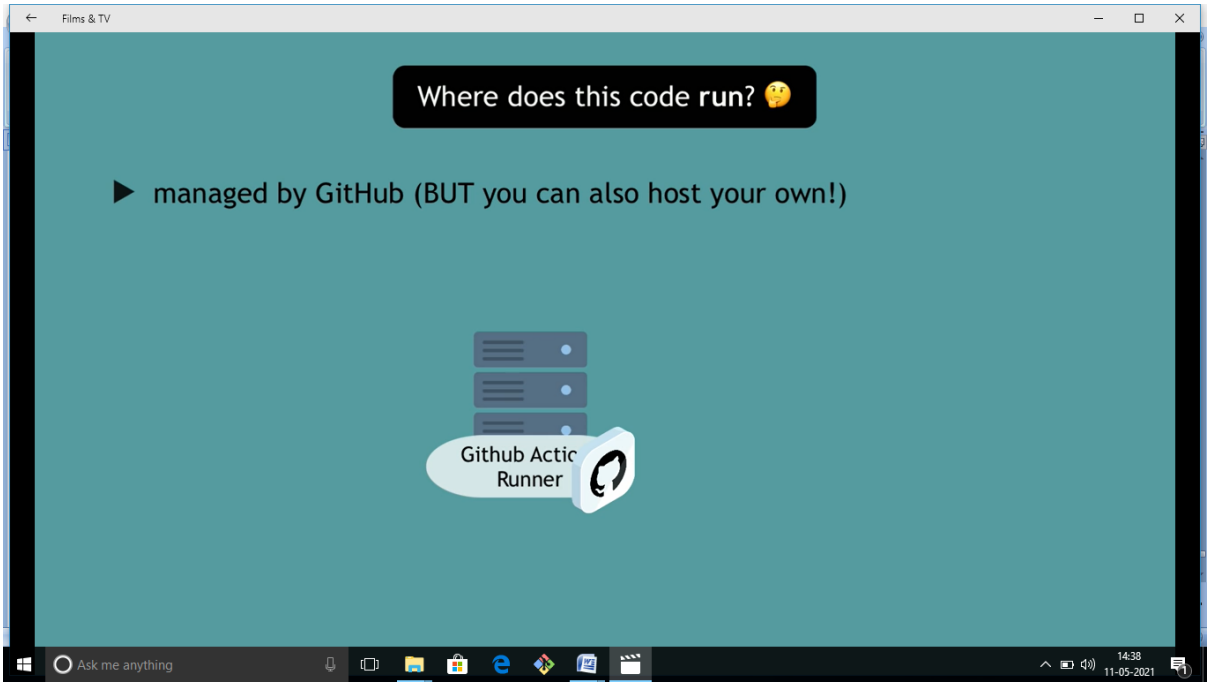

Films & TV
build
succeeded 1 minute ago in 41s
Search logs
Set up job
1 Current runner version: '2.273.4'
2 ▶ Operating System
6 ▶ Virtual Environment
10 Prepare workflow directory
11 Prepare all required actions
12 Download action repository 'actions/checkout@v2'
13 Download action repository 'actions/setup-java@v1'
Run actions/checkout@v2
Set up JDK 1.8
Grant execute permission for gradlew
Build with Gradle
Ask me anything
14:35
11-05-2021

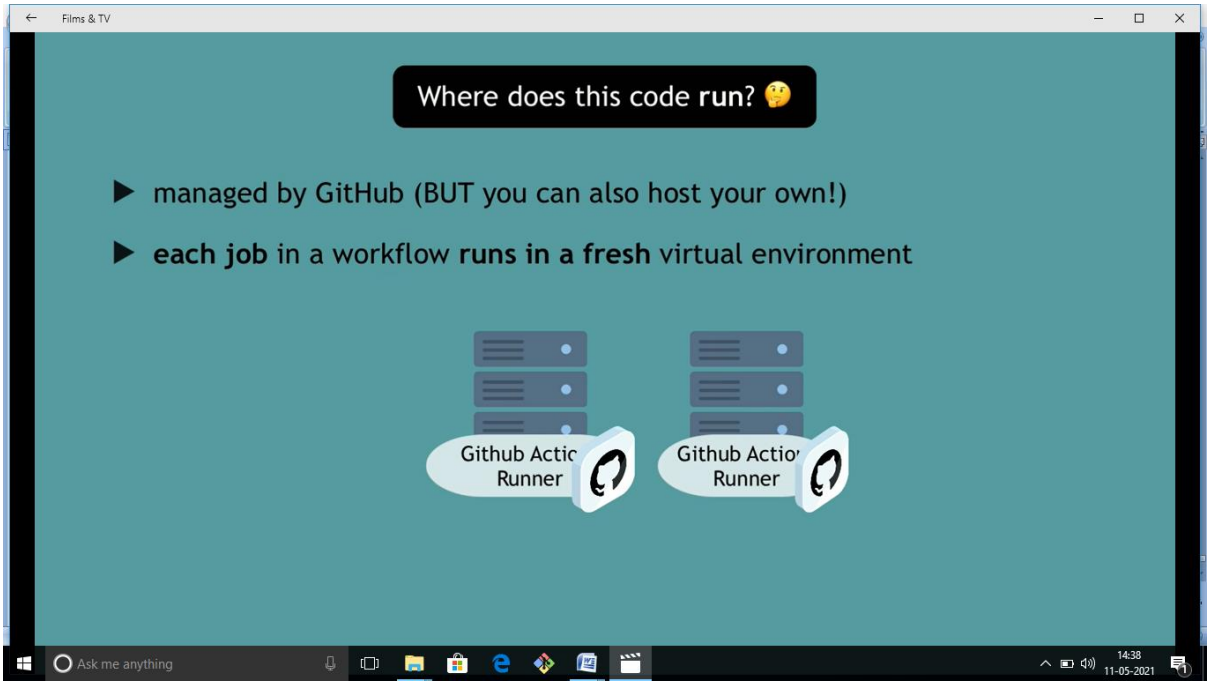

Films & TV
build
succeeded 1 minute ago in 41s
Search logs
Run actions/checkout@v2
1 ▶ Run actions/checkout@v2
11 Syncing repository: nanuchi/my-project
12 ▶ Getting Git version info
16 Deleting the contents of '/home/runner/work/my-project/my-project'
17 ▶ Initializing the repository
21 ▶ Disabling automatic garbage collection
23 ▶ Setting up auth
29 ▶ Fetching the repository
125 ▶ Determining the checkout info
126 ▶ Checking out the ref
146 /usr/bin/git log -1 --format='%H'
147 '1f4fc124b6b2f8c3f0f631ed922378136752ed2f'
Set up JDK 1.8
Grant execute permission for gradlew
Ask me anything
14:36
11-05-2021

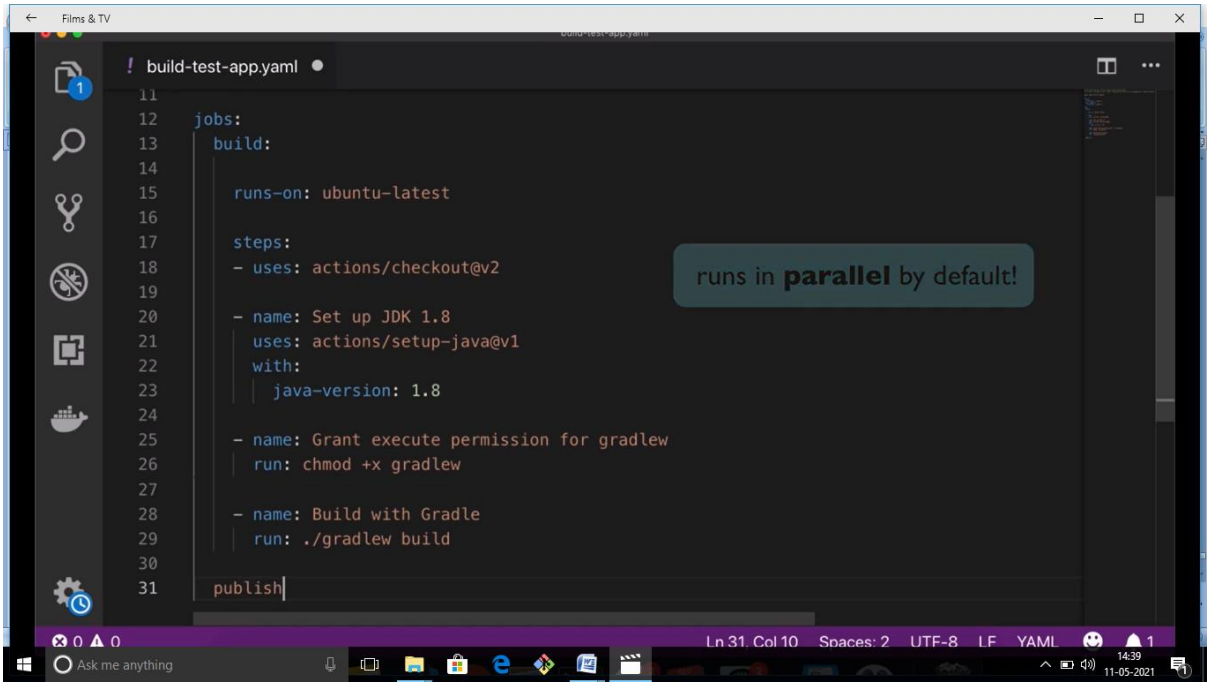

Films & TV
build
succeeded 2 minutes ago in 41s
Search logs
Set up JDK 1.8
15
16 Written by John Gilmore and Jay Fenlason.
17 /bin/tar xz --warning=no-unknown-keyword -C /home/runner/work/_temp/temp_1493523920 -f /home/runner/work/_temp/7
e3bc59fe202d
18 creating settings.xml with server-id: github; environment variables: username=$GITHUB_ACTOR, password=$GITHUB_TO
passphrase=null
19 writing /home/runner/.m2/settings.xml
Grant execute permission for gradlew
Build with Gradle
1 ▶ Run ./gradlew build
8 Downloading https://services.gradle.org/distributions/gradle-4.10-all.zip
00:20:18
00:12:12
10
11 Welcome to Gradle 4.10!
Ask me anything
14:36
11-05-2021

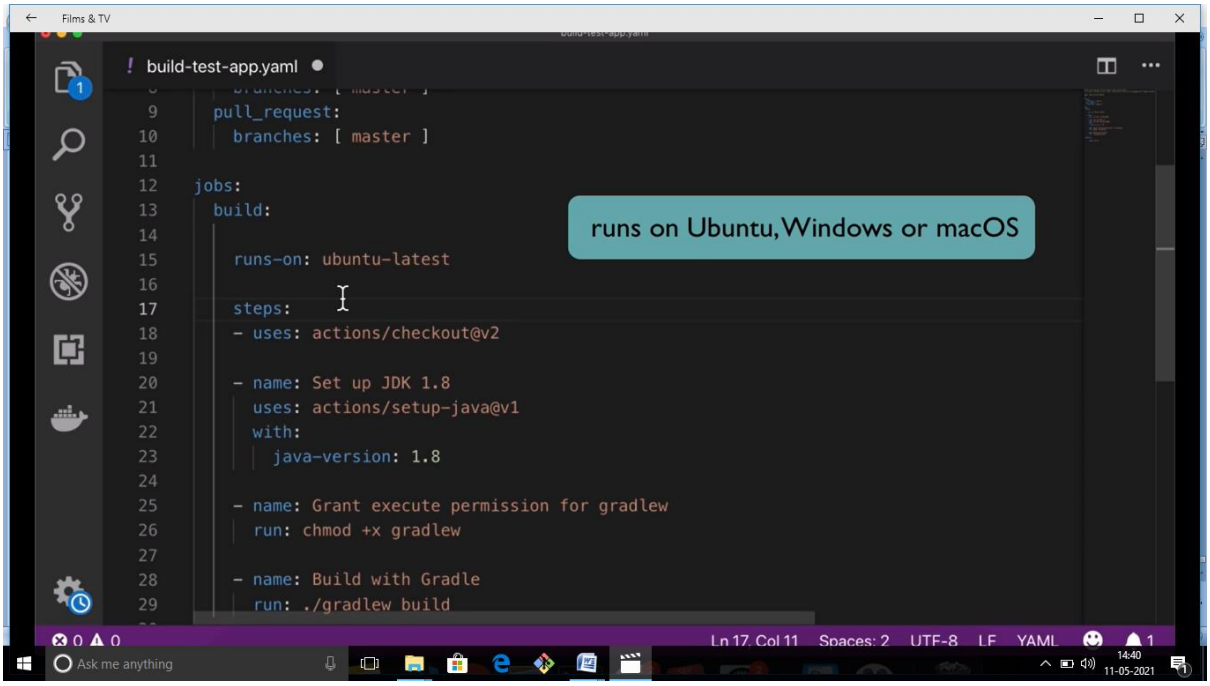

Films & TV
build
succeeded 3 minutes ago in 41s
Search logs
Post Set up JDK 1.8
Post Run actions/checkout@v2
1 Post job cleanup.
2 /usr/bin/git version
3 git version 2.28.0
4 /usr/bin/git config --local --name-only --get-regexp core\.sshCommand
5 /usr/bin/git submodule foreach --recursive git config --local --name-only --get-regexp 'core\.sshCommand' && git
all 'core.sshCommand' || :
6 /usr/bin/git config --local --name-only --get-regexp http\.https\:\/\/github\.com\/\.extraheader
7 http.https://github.com/.extraheader
8 /usr/bin/git config --local --unset-all http.https://github.com/.extraheader
9 /usr/bin/git submodule foreach --recursive git config --local --name-only --get-regexp 'http\.https\:\/\/github\
git config --local --unset-all 'http.https://github.com/.extraheader' || :
Complete job
Ask me anything
14:36
11-05-2021

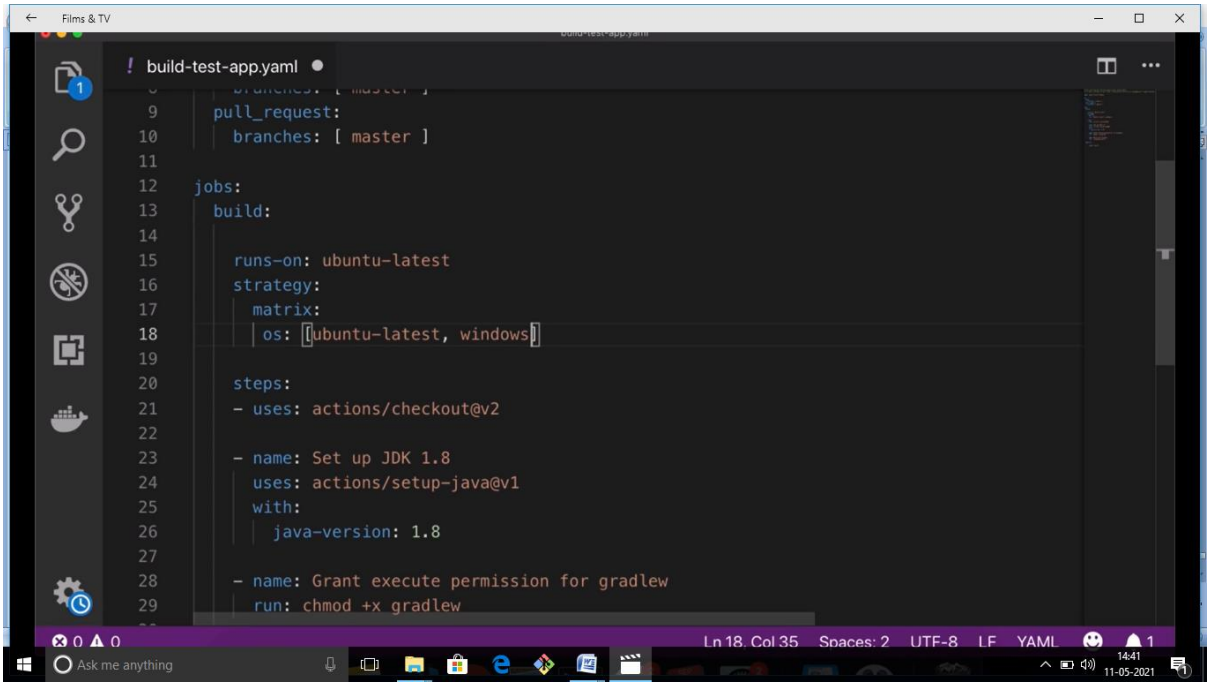

Films & TV
Where does this code run? 🤔
Ask me anything
14:37
11-05-2021

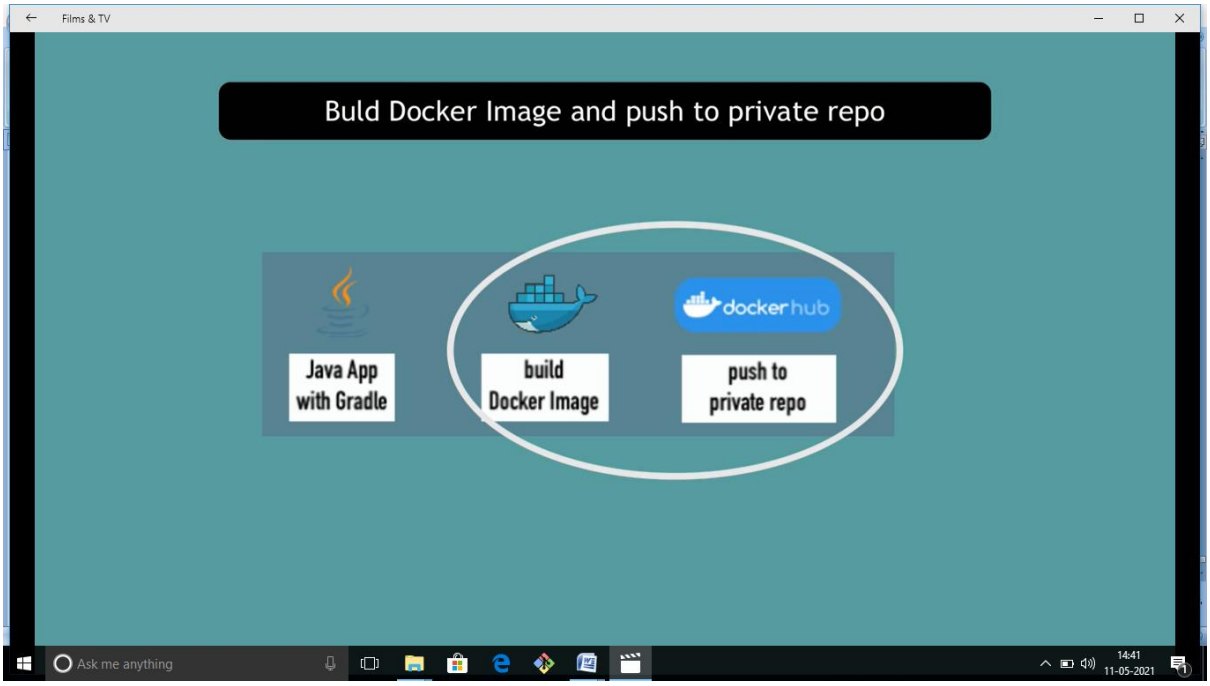

Films & TV
Where does this code run? 🤔
managed by GitHub (BUT you can also host your own!)
Github Actic
Runner
Ask me anything
14:38
11-05-2021

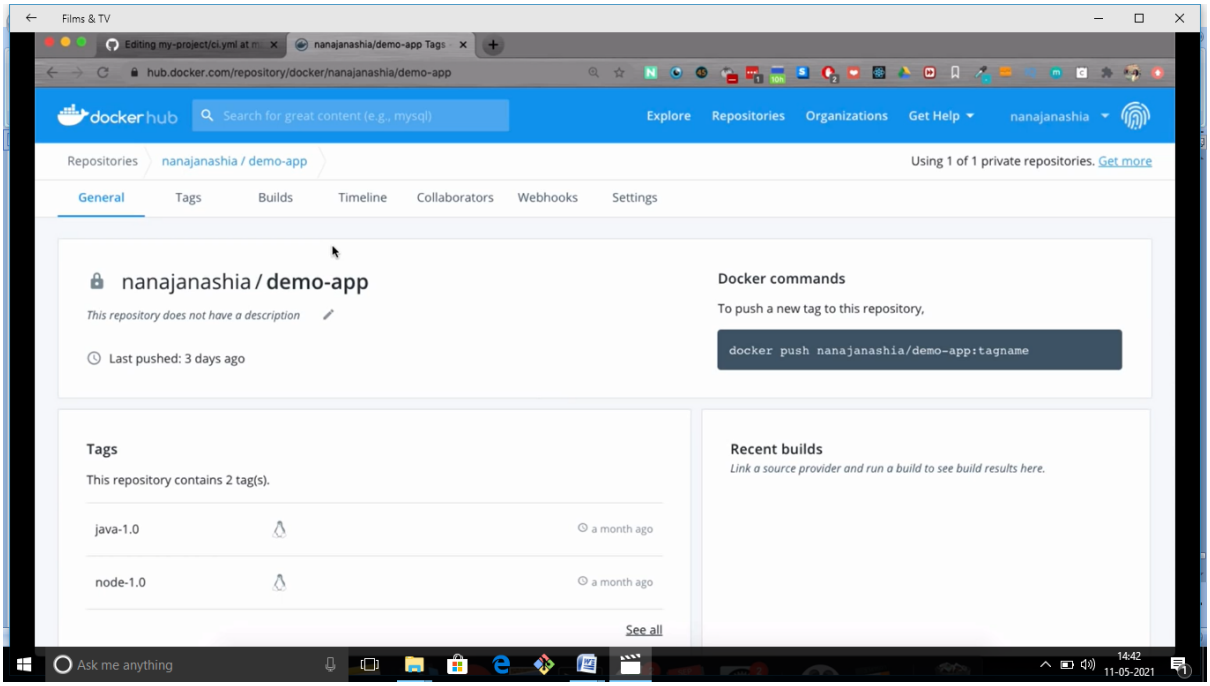

Films & TV
Where does this code run? 🤔
managed by GitHub (BUT you can also host your own!)
each job in a workflow runs in a fresh virtual environment
Github Actic
Runner
Github Actio
Runner
Ask me anything
14:38
11-05-2021

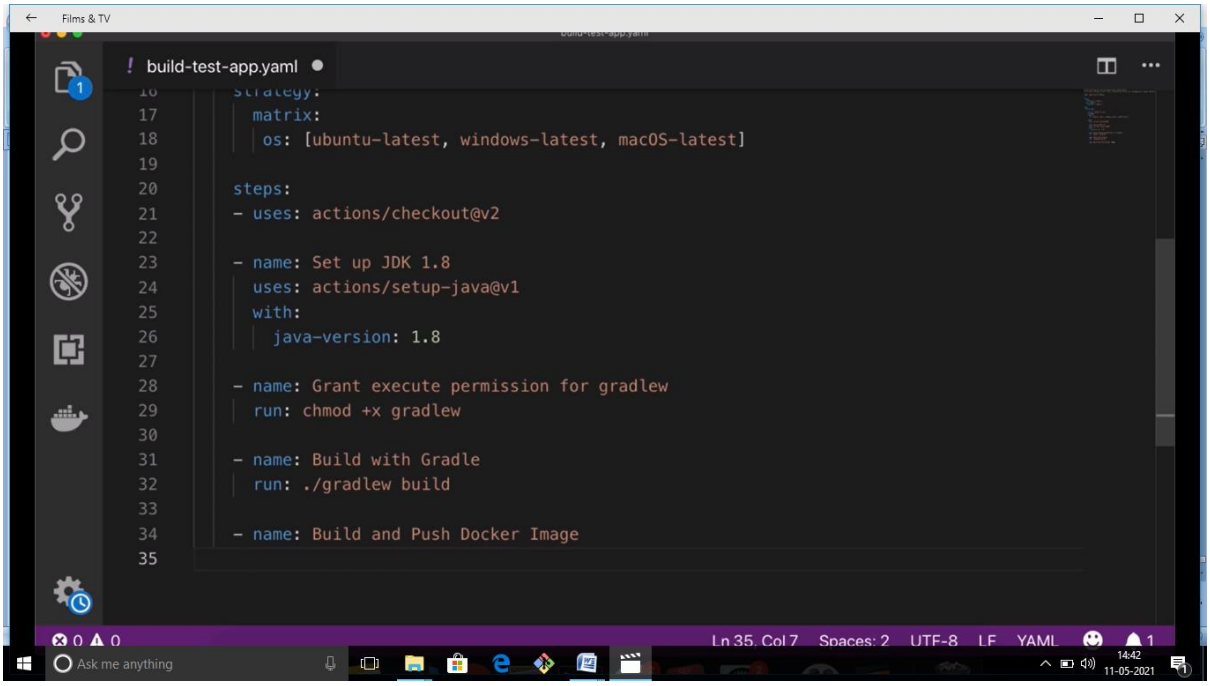

Films & TV
build-test-app.yaml
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
publish
runs in parallel by default!
Ln 31, Col 10
Spaces: 2
UTF-8
LF
YAML
Ask me anything
14:39
11-05-2021

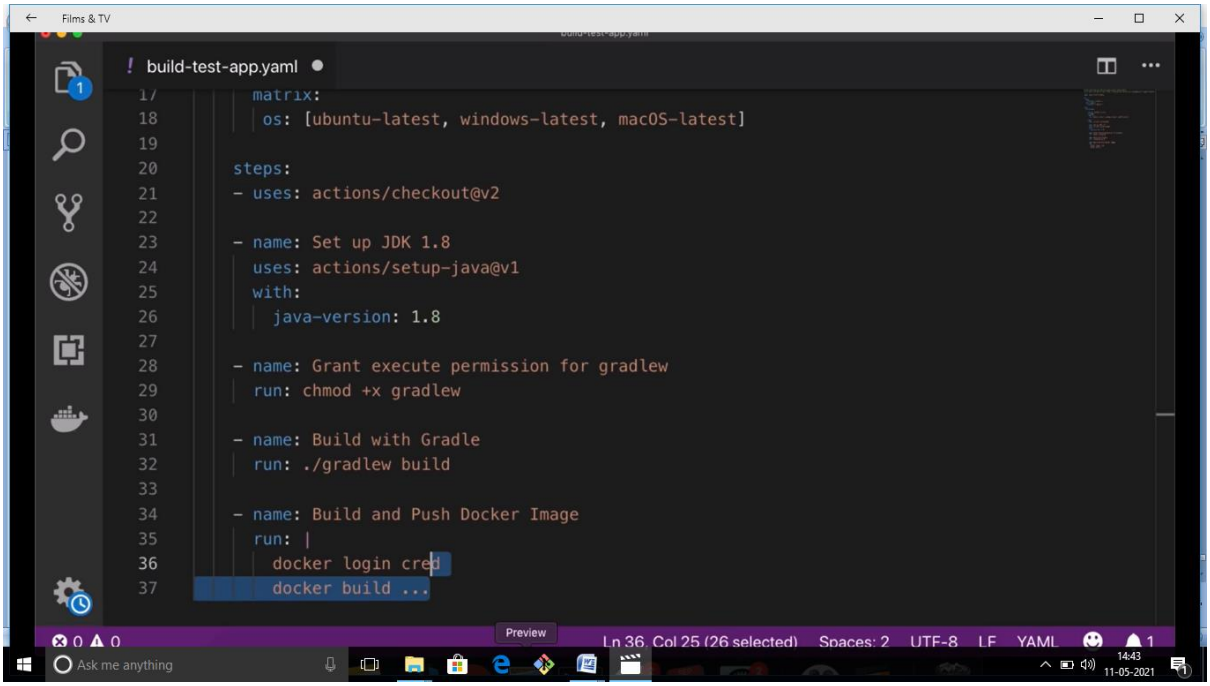

Films & TV
build-test-app.yaml
runs on Ubuntu, Windows or macOS
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
Ln 17, Col 11 Spaces: 2 UTF-8 LF YAML
Ask me anything
14:40
11-05-2021

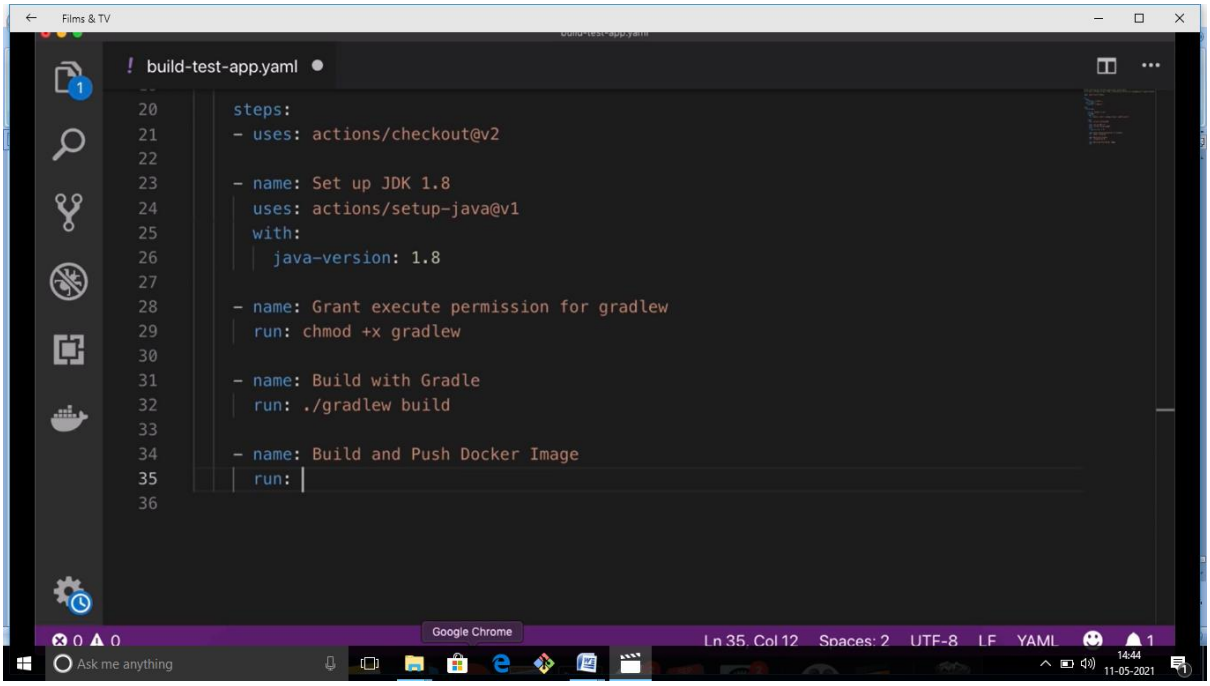

Films & TV
build-test-app.yaml
pull_request:
branches: [master]
jobs:
build:
runs-on: ubuntu-latest
strategy:
matrix:
os: [ubuntu-latest, windows]
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
Ln 18, Col 35 Spaces: 2 UTF-8 LF YAML
Ask me anything
14:41
11-05-2021


Films & TV
Buld Docker Image and push to private repo
Java App with Gradle
build Docker Image
dockerhub
push to private repo
Ask me anything
14:41
11-05-2021


Films & TV
hub.docker.com/repository/docker/nanajanashia/demo-app
dockerhub
Search for great content (e.g., mysql)
Explore
Repositories
Organizations
Get Help
nanajanashia
Repositories
nanajanashia / demo-app
Using 1 of 1 private repositories. Get more
General
Tags
Builds
Timeline
Collaborators
Webhooks
Settings
nanajanashia / demo-app
This repository does not have a description
Last pushed: 3 days ago
Docker commands
To push a new tag to this repository,
docker push nanajanashia/demo-app:tagname
Tags
This repository contains 2 tag(s).
java-1.0
a month ago
node-1.0
a month ago
See all
Recent builds
Link a source provider and run a build to see build results here.
Ask me anything
14:42
11-05-2021

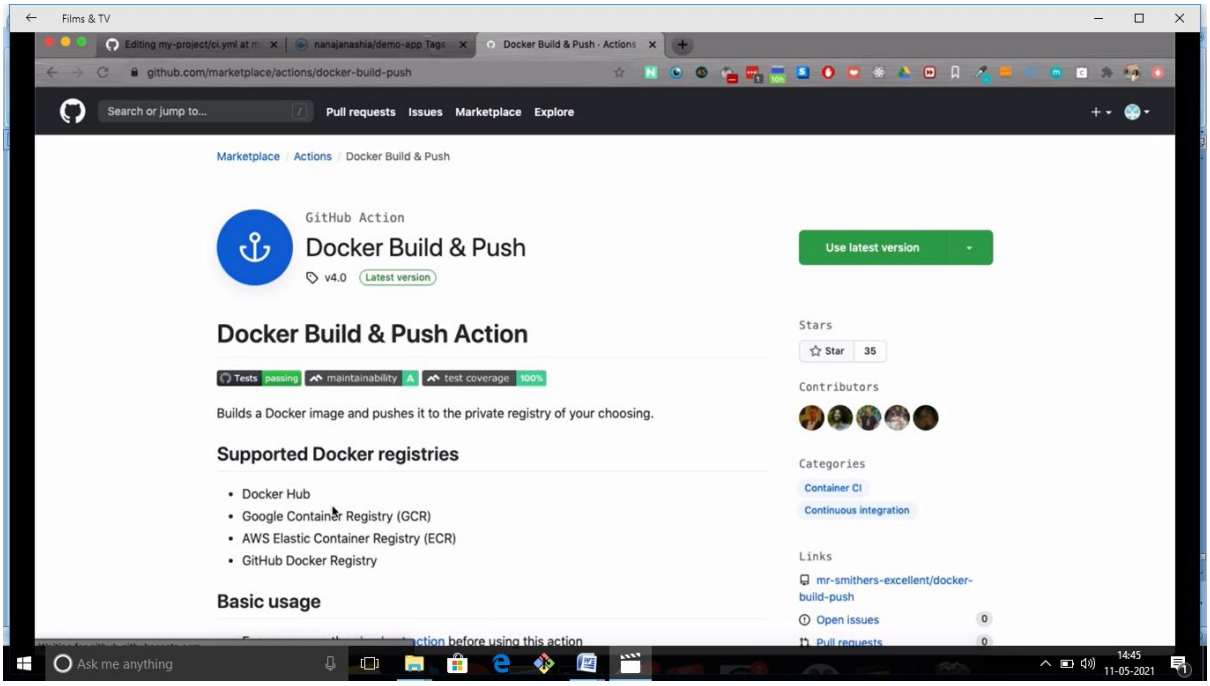

Films & TV
build-test-app.yaml
matrix:
os: [ubuntu-latest, windows-latest, macOS-latest]
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
- name: Build and Push Docker Image
Ln 35, Col 7 Spaces: 2 UTF-8 LF YAML
Ask me anything
14:42
11-05-2021

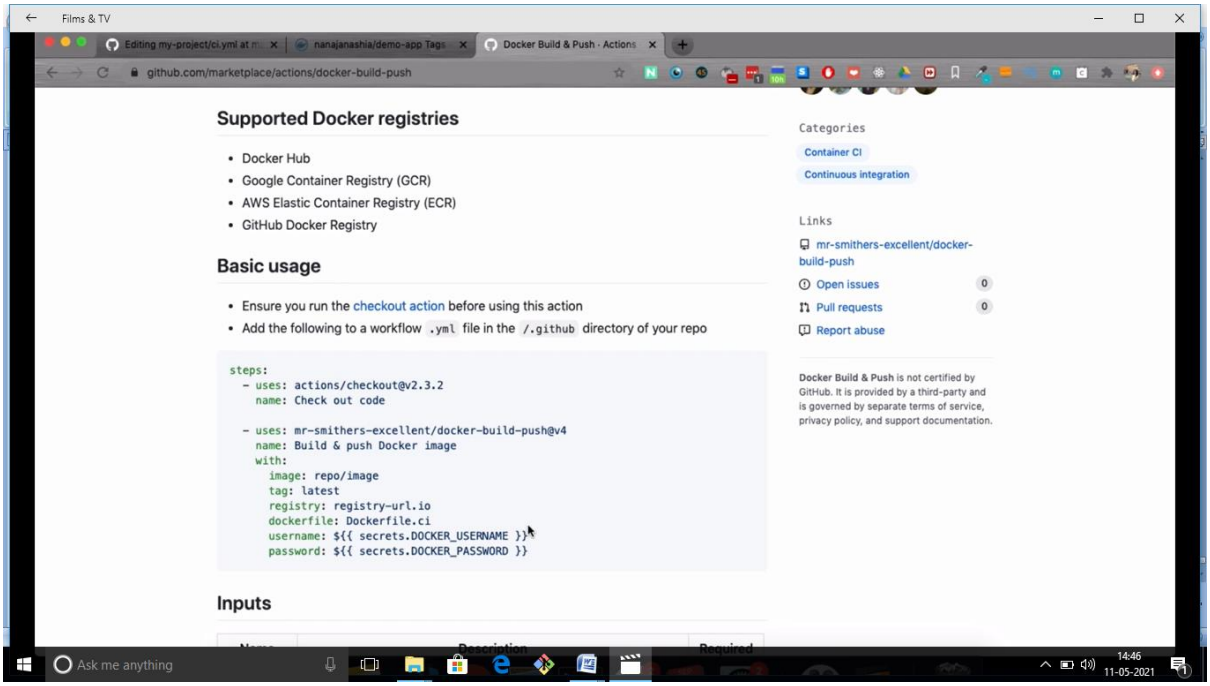

Films & TV
build-test-app.yaml
matrix:
os: [ubuntu-latest, windows-latest, macOS-latest]
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
- name: Build and Push Docker Image
run: |
docker login cred
docker build ...
Preview
Ln 36, Col 25 (26 selected) Spaces: 2 UTF-8 LF YAML
Ask me anything
14:43
11-05-2021

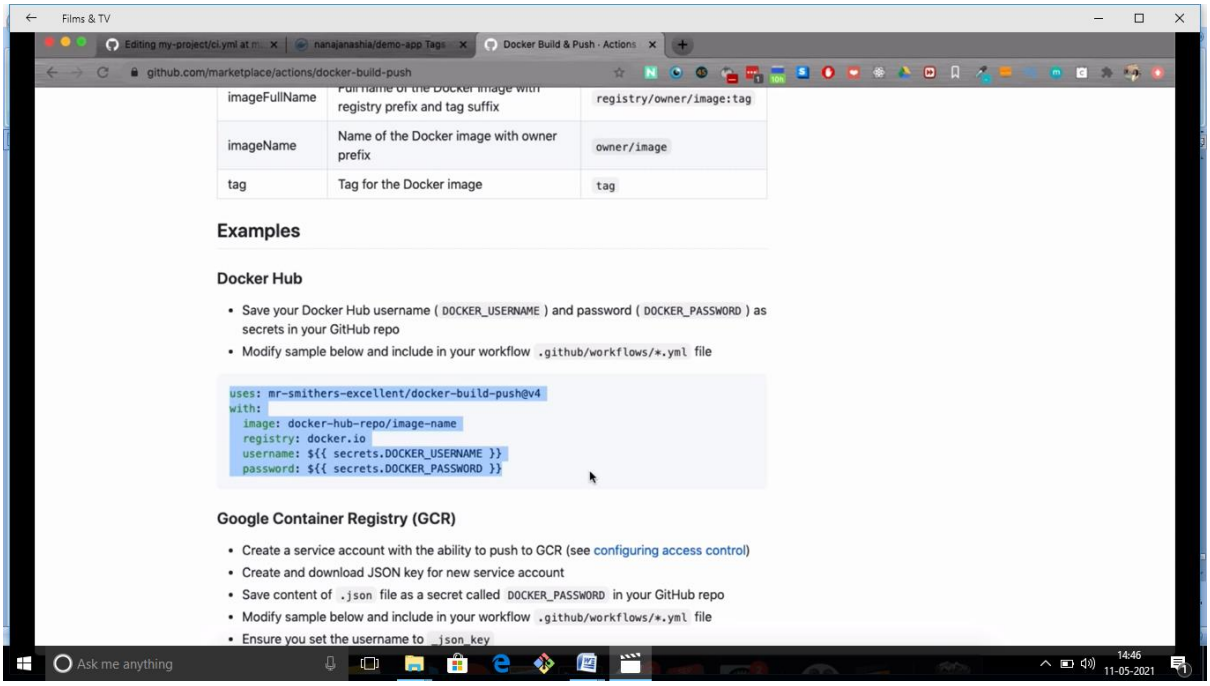


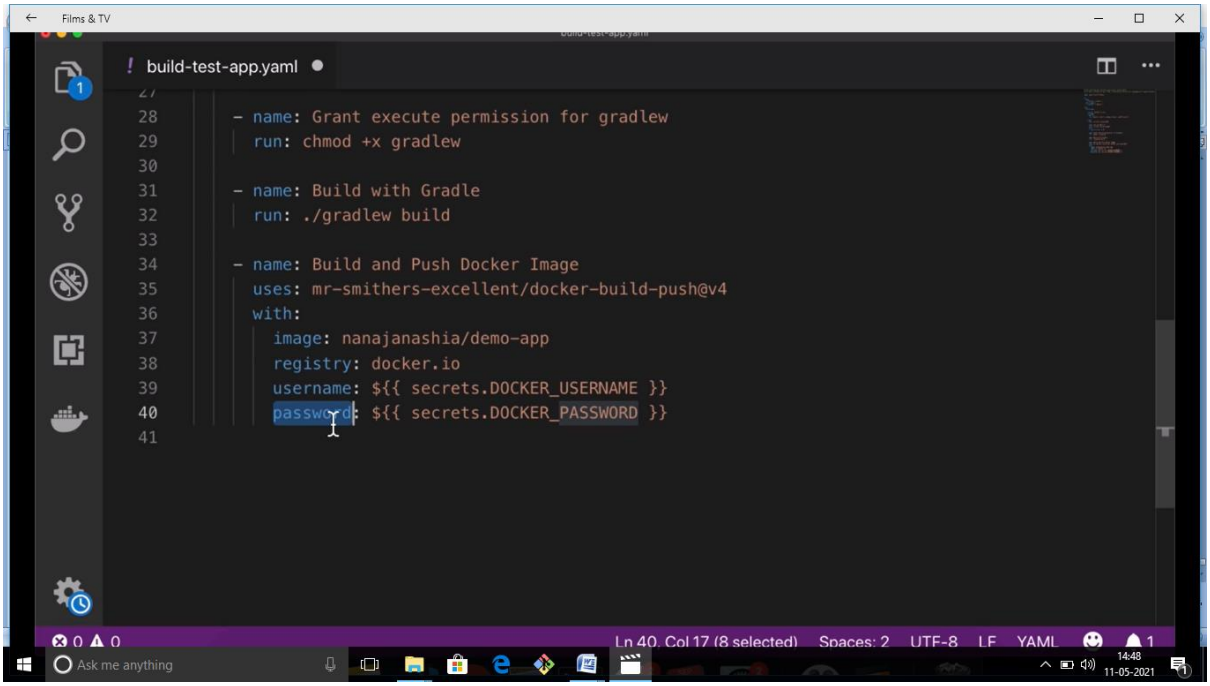
Docker is an open-source centralized platform designed to create, deploy, and run applications.

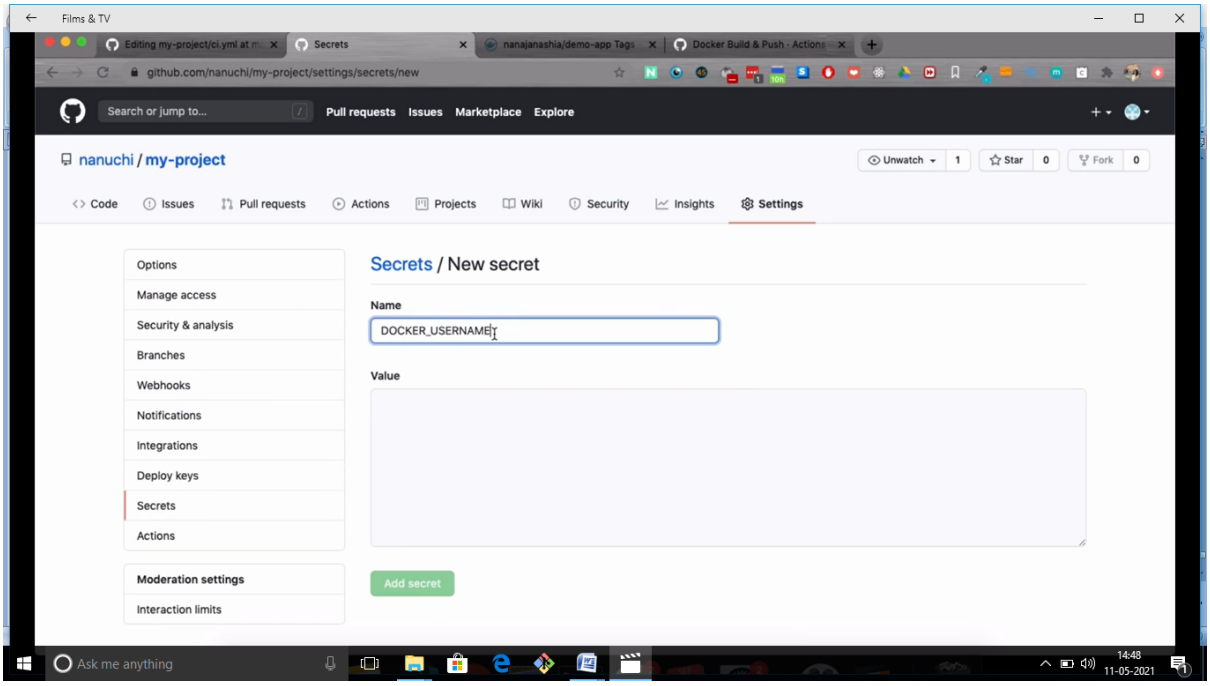
Docker is a centralized platform for packaging, deploying, and running applications. Before Docker, many users face the problem that a particular code is running in the developer's system but not in the user's system. So, the main reason to develop docker is to help developers to develop applications easily, ship them into containers, and can be deployed anywhere.

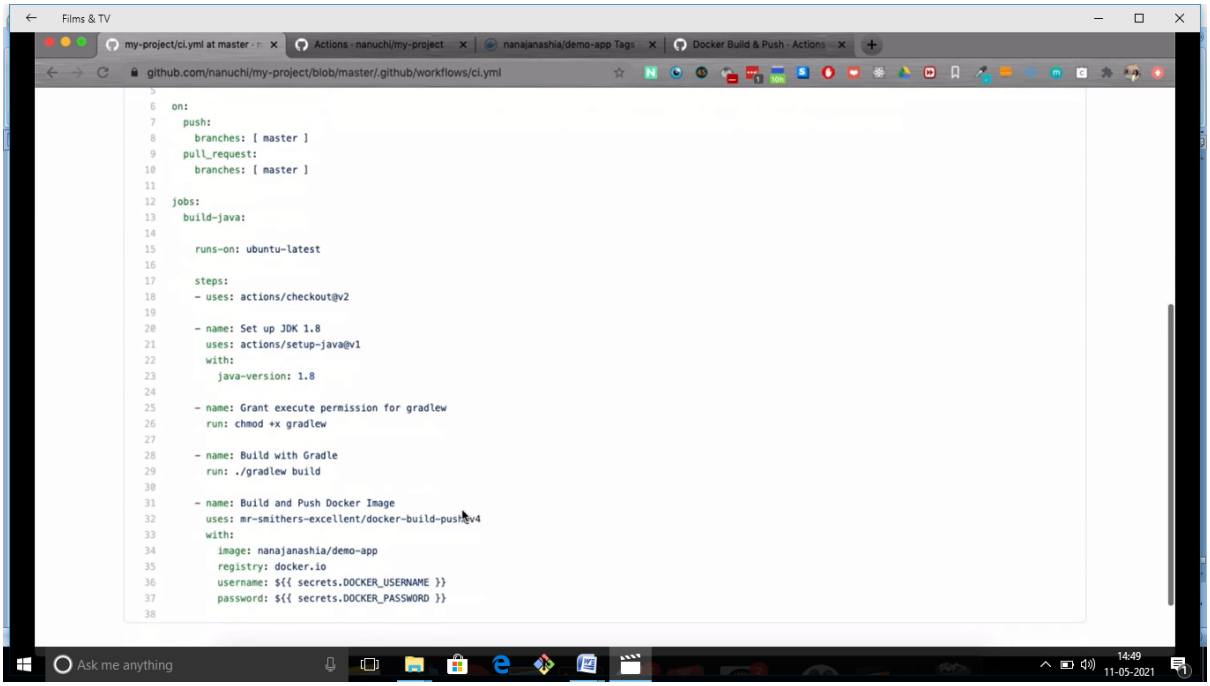

Films & TV
github.com/marketplace/actions/docker-build-push
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Marketplace / Actions / Docker Build & Push
GitHub Action
Docker Build & Push
v4.0
Latest version
Use latest version
Docker Build & Push Action
Tests passing
maintainability A
test coverage 100%
Builds a Docker image and pushes it to the private registry of your choosing.
Supported Docker registries
Docker Hub
Google Container Registry (GCR)
AWS Elastic Container Registry (ECR)
GitHub Docker Registry
Basic usage
Stars
Star 35
Contributors
Categories
Container CI
Continuous integration
Links
mr-smithers-excellent/docker-build-push
Open issues 0
Pull requests 0
Ask me anything
14:45
11-05-2021


Films & TV
github.com/marketplace/actions/docker-build-push
Supported Docker registries
Docker Hub
Google Container Registry (GCR)
AWS Elastic Container Registry (ECR)
GitHub Docker Registry
Basic usage
Ensure you run the checkout action before using this action
Add the following to a workflow .yml file in the /.github directory of your repo
steps:
- uses: actions/checkout@v2.3.2
name: Check out code
- uses: mr-smithers-excellent/docker-build-push@v4
name: Build & push Docker image
with:
image: repo/image
tag: latest
registry: registry-url.io
dockerfile: Dockerfile.ci
username: ${{ secrets.DOCKER_USERNAME }}
password: ${{ secrets.DOCKER_PASSWORD }}
Inputs
Categories
Container CI
Continuous integration
Links
mr-smithers-excellent/docker-build-push
Open issues 0
Pull requests 0
Report abuse
Docker Build & Push 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.
Ask me anything
14:46
11-05-2021


Films & TV
github.com/marketplace/actions/docker-build-push
imageFullName
registry prefix and tag suffix
registry/owner/image:tag
imageName
Name of the Docker image with owner prefix
owner/image
tag
Tag for the Docker image
tag
Examples
Docker Hub
Save your Docker Hub username (DOCKER_USERNAME) and password (DOCKER_PASSWORD) as secrets in your GitHub repo
Modify sample below and include in your workflow .github/workflows/*.yml file
uses: mr-smithers-excellent/docker-build-push@v4
with:
image: docker-hub-repo/image-name
registry: docker.io
username: ${{ secrets.DOCKER_USERNAME }}
password: ${{ secrets.DOCKER_PASSWORD }}
Google Container Registry (GCR)
Create a service account with the ability to push to GCR (see configuring access control)
Create and download JSON key for new service account
Save content of .json file as a secret called DOCKER_PASSWORD in your GitHub repo
Modify sample below and include in your workflow .github/workflows/*.yml file
Ensure you set the username to _json_key
Ask me anything
14:46
11-05-2021


Films & TV
build-test-app.yaml
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
- name: Build and Push Docker Image
uses: mr-smithers-excellent/docker-build-push@v4
with:
image: nanajanashia/demo-app
registry: docker.io
username: ${{ secrets.DOCKER_USERNAME }}
password: ${{ secrets.DOCKER_PASSWORD }}
Ln 40, Col 17 (8 selected)
Spaces: 2
UTF-8
LF
YAML
Ask me anything
14:48
11-05-2021


Films & TV
Editing my-project/ci.yml at m
Secrets
nanajanashia/demo-app Tags
Docker Build & Push - Actions
github.com/nanuchi/my-project/settings/secrets/new
Search or jump to...
Pull requests
Issues
Marketplace
Explore
nanuchi / my-project
Unwatch 1
Star 0
Fork 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Options
Manage access
Security & analysis
Branches
Webhooks
Notifications
Integrations
Deploy keys
Secrets
Actions
Moderation settings
Interaction limits
Secrets / New secret
Name
DOCKER_USERNAME
Value
Add secret
Ask me anything
14:48
11-05-2021


Films & TV
my-project/ci.yml at master
Actions · nanuchi/my-project
nanajanashia/demo-app Tags
Docker Build & Push - Actions
github.com/nanuchi/my-project/blob/master/.github/workflows/ci.yml
on:
push:
branches: [master]
pull_request:
branches: [master]
jobs:
build-java:
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v2
- name: Set up JDK 1.8
uses: actions/setup-java@v1
with:
java-version: 1.8
- name: Grant execute permission for gradlew
run: chmod +x gradlew
- name: Build with Gradle
run: ./gradlew build
- name: Build and Push Docker Image
uses: mr-smithers-excellent/docker-build-push@v4
with:
image: nanajanashia/demo-app
registry: docker.io
username: ${{ secrets.DOCKER_USERNAME }}
password: ${{ secrets.DOCKER_PASSWORD }}
Ask me anything
14:49
11-05-2021