Add Continuous Integration with Linting



To Entance dine needed: 60 minutes

Was train a provingly Management has decided to hise fost end and backed engineers to ensure features on the readings are developed in time for future releases. However, this means that analytife engineers will need to work in parallel on the repository. You are taked to ensure the code being poshed to the main branch needs the team coding ayje and in free of systac errors. In this lab, you will add listing to your repository that automatically checks for management of the code being poshed to the main branch needs the team coding ayje and in free of systac errors. In this lab, you will add listing to your repository that automatically checks for management of the code being poshed to the main branch needs to be entire the team coding ayje and in free of systac errors. In this lab, you will add listing to your repository that automatically checks for management of the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being poshed to the main branch needs to be entire the code being possed to be entire the code being possed to the code being possed t

GitHub Actions

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GitHub actions provide an event-driven way to automate tasks in your project. There are several kinds of events you can listen to. Here are a few examples:
                    Estible actions provide an extendedness say to automate tasks a layer project. There are executal stated of events you can listen to. Her 
your Ram tasks when encourage public to projectly branch.

* pull request Rams tasks when someone creates a pull request. You can also start tasks when certain activities happen, such as:

* PR opened

* PR closed

* PR closed

* PR closed

* Certain Rams tasks when someone creates a branch or a tag.

* defect the tasks when someone creates a branch or a tag.

* manuscally Asks a velocked off manufally.
          GitHub Action Components
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Was will use one or more of the following components in this lab:

Westfallows: Collection of jobs you can add to your repository.

Events: Activity that launches a workflow.

Jobbs: Sequence of one or more stays, bob are run in parallel by default.

Steps: Individual basis that on run in a job. A step my be an action or a command.

Actimes: Similar back of a workflow.
     GitHub Workflow
          We have provided a workflow template in this file: .github/workflows/linter.yel. Let's examine this file.
1. comer 'Lant Coule'
1. comer 'Lant Coule'
1. comer 'Lant Coule'
2. come
4. poll-product [matter, main]
5. poll-product [matter, main]
7. branches [matter, main]
7. branches [matter, main]
8. poll-product and transpart of matter main intering functions of main in
                                                    list, function, yether function manufacturing statements and the list of physics function manufacturing physics function functin function function function function function function function 
                                                                    unwing-directory functions vanishy/then

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          GitHub Jobs
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3. In the limiting command defined in parkaps—joes in any are list in the fruntism/arts
2. Cleck out the code using the extraor/arts-maphy action
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2. The dispense command parks—vy and the extraor/arts-paython-directory.
3. Int. dispense command parks—vy and the extraor/arts-paython-parks action
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Enable GitHub Actions





Workflows aren't being run on this forked repository

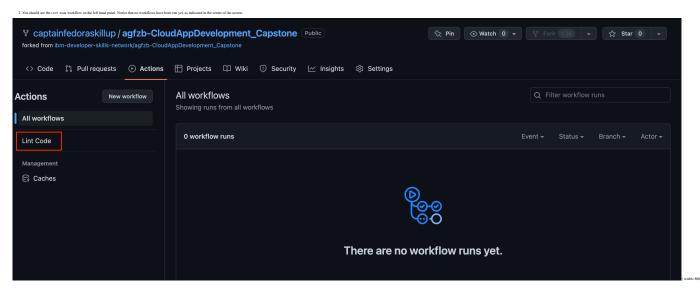
Because this repository contained workflow files when it was forked, we have disabled them from running on this fork.

Make sure you understand the configured workflows and their expected usage before enabling Actions on this
repository.

I understand my workflows, go ahead and enable them

View the workflows directory

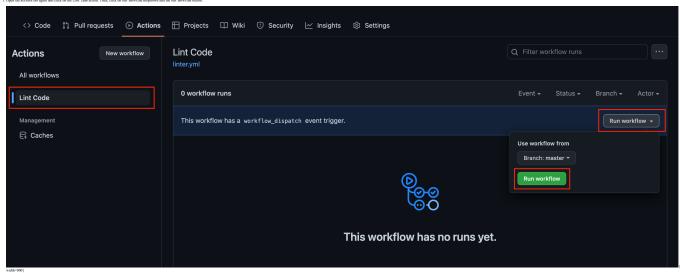
(width=800)



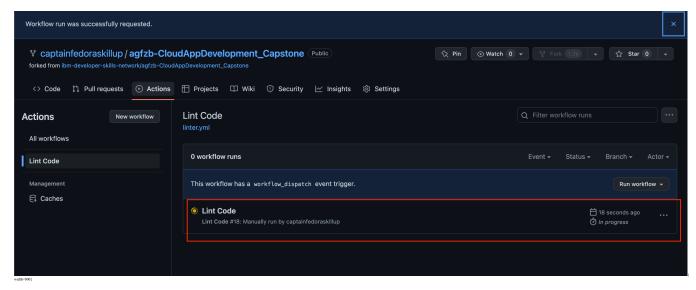
Run the workflow

Let's run the workflow now.

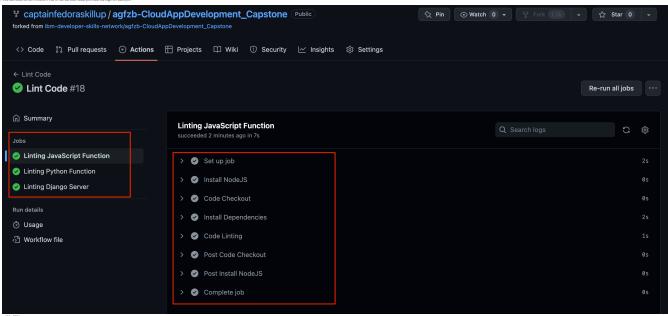
1. Open the Actions tab again and click on the Lint Code action. Then, click on Run workflow dropdown and the Run workflow button.



2. You should see a new workflow run in the same window. If you don't see anything, click on Actions tab again to refresh the page



You can click on the workflow run to see the individual jobs and the logs for each job.



Submission

Copy the URL of your forked repo to submit for peer review.

Summary

vou added a linting service to your application. As a result, all new code will automatically get checked for syntax errors and this will ensure all developers are following the team coding guidelin

Author(s)

Upkar Lidder

Other Contributo

Changelog

Date Version Changed by Change Description

2021-01-28 1.0 Upkar Lidder Created new instructions for Capstone po 2022-09-13 1.1 K Sundarranjan Updated instructions for clarity 2022-09-13 1.1 CE represented of and added listing

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