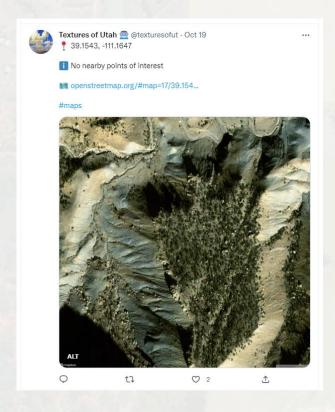


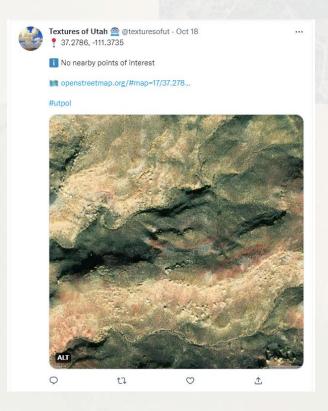
Table of contents

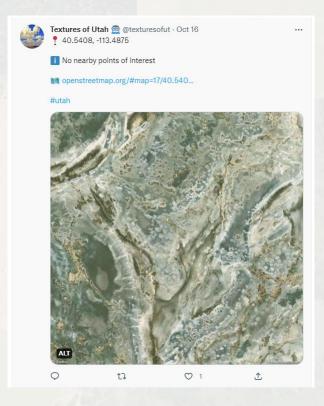
- Overview of the project
- Github Actions
- AzureStor
- Quarto
- Quarto Addins
- sf
- Wrap up

Overview of the project

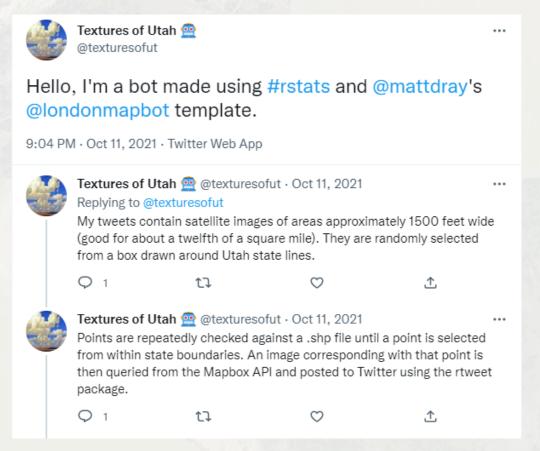
1. Art!

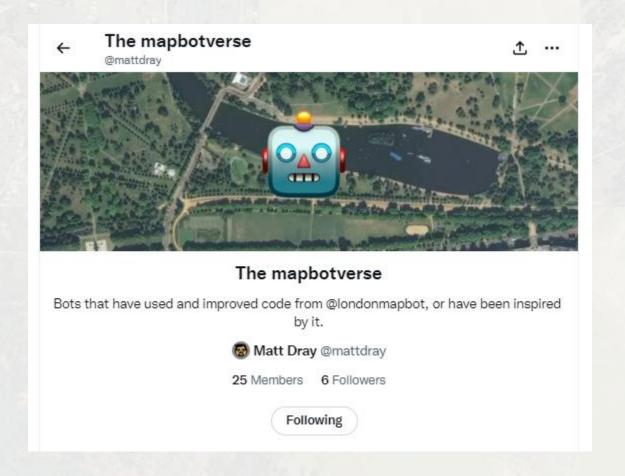


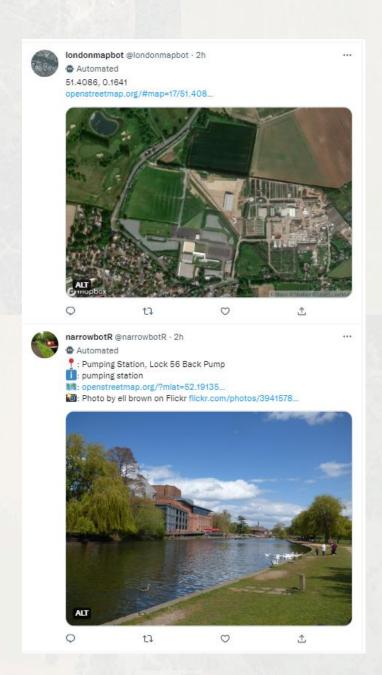








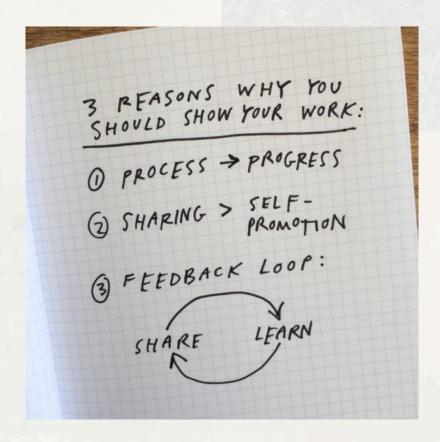






- 2. Using new technologies:
- Github Actions
- AzureStor
- Quarto
- Quarto Addins

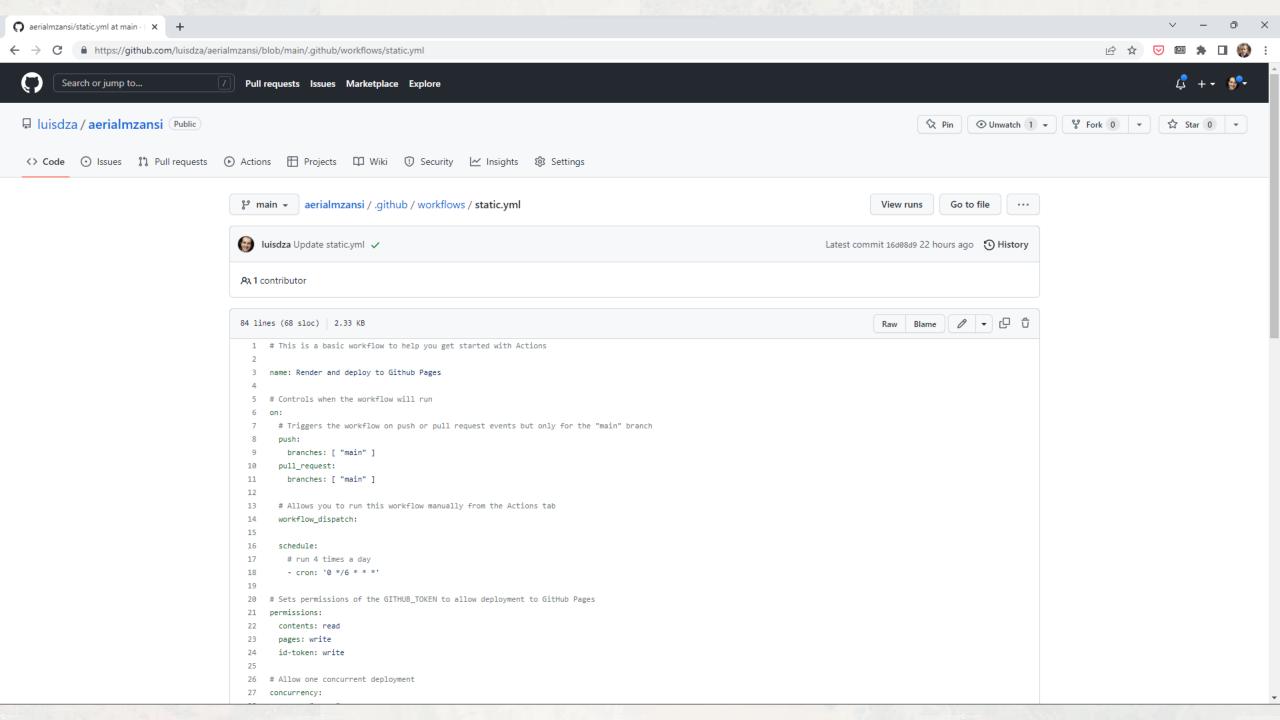
3. Working in public



Architecture

GitHub Actions MapBox API South Africa shape file Quarto 1. Generate random coordinates 2. Mapbox API Call 3. Store image in blob 4. Get all images in Azure blob 5. Generate table with link to images Azure Blob Storage Quarto Lightbox Addin

Github Actions



AzureStor

https://blog.revolutionanalytics.com/2018/12/azurestor.html

-- Microsoft

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December 18, 2018

AzureStor: an R package for working with Azure storage

by Hong Ooi, senior data scientist, Microsoft Azure

A few weeks ago, I introduced the AzureR family of packages for working with Azure in R. Since then, I've also written articles on how to use AzureRMR to interact with Azure Resource Manager, how to use AzureVM to manage virtual machines, and how to use AzureContainers to deploy R functions with Azure Kubernetes Service. This article is the next in the series, and covers AzureStor: an interface to Azure storage.

The Resource Manager interface: creating and deleting storage accounts

AzureStor implements an interface to Azure Resource Manager, which you can use manage storage accounts: creating them, retrieving them, deleting them, and so forth. This is done via the appropriate methods of the az_resource_group class. For example, the following code shows how you might create a new storage account from scratch.

```
library(AzureStor)
# get the resource group for the storage account
rg <- AzureRMR::az rm$
   new(tenant="{tenant_id}", app="{app_id}", password="{password}")$
   get subscription("{subscription id}")$
   get_resource_group("myresourcegroup")
# create the storage account
# by default, this will be in the resource group's region
rg$create_storage_account("mynewstorage")
```

Without any options, this will create a storage account with the following parameters:

- · General purpose account (all storage types supported)
- · Locally redundant storage (LRS) replication
- · Hot access tier (for blob storage)
- · HTTPS connection required for access

You can change these by setting the arguments to create_storage_account() . For example, to create an account with geo-redundant storage replication and the default blob

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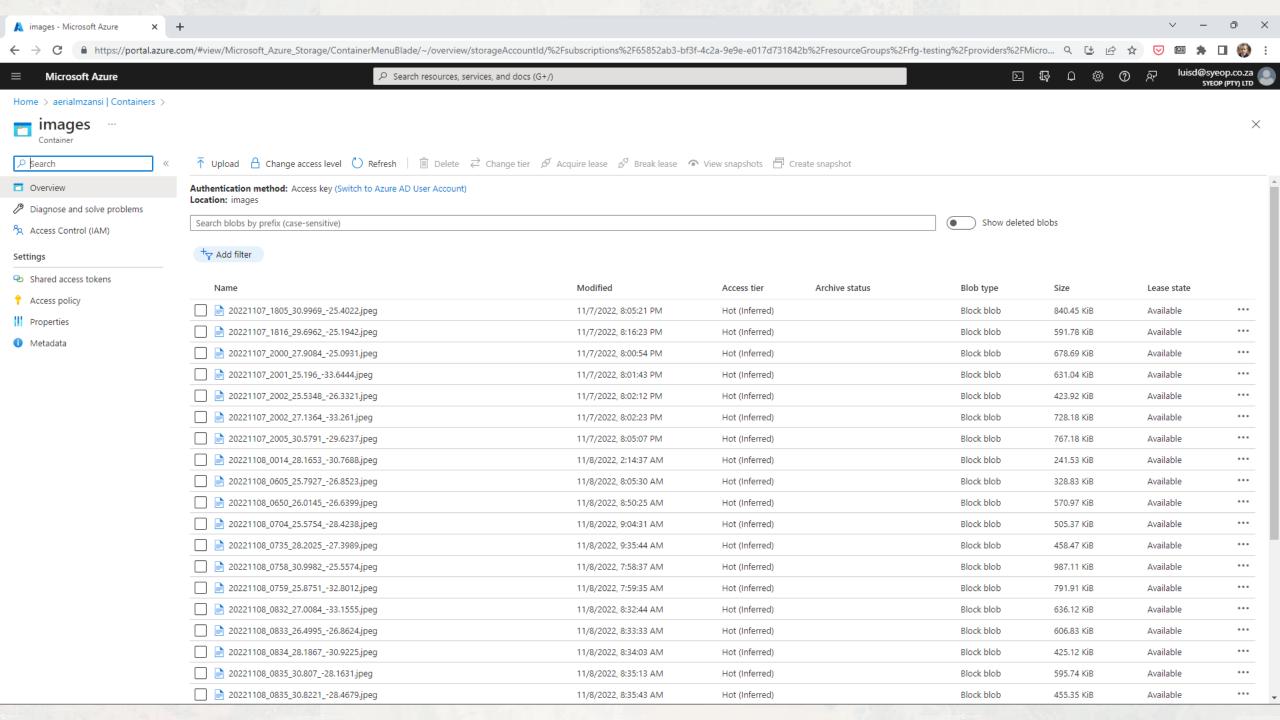
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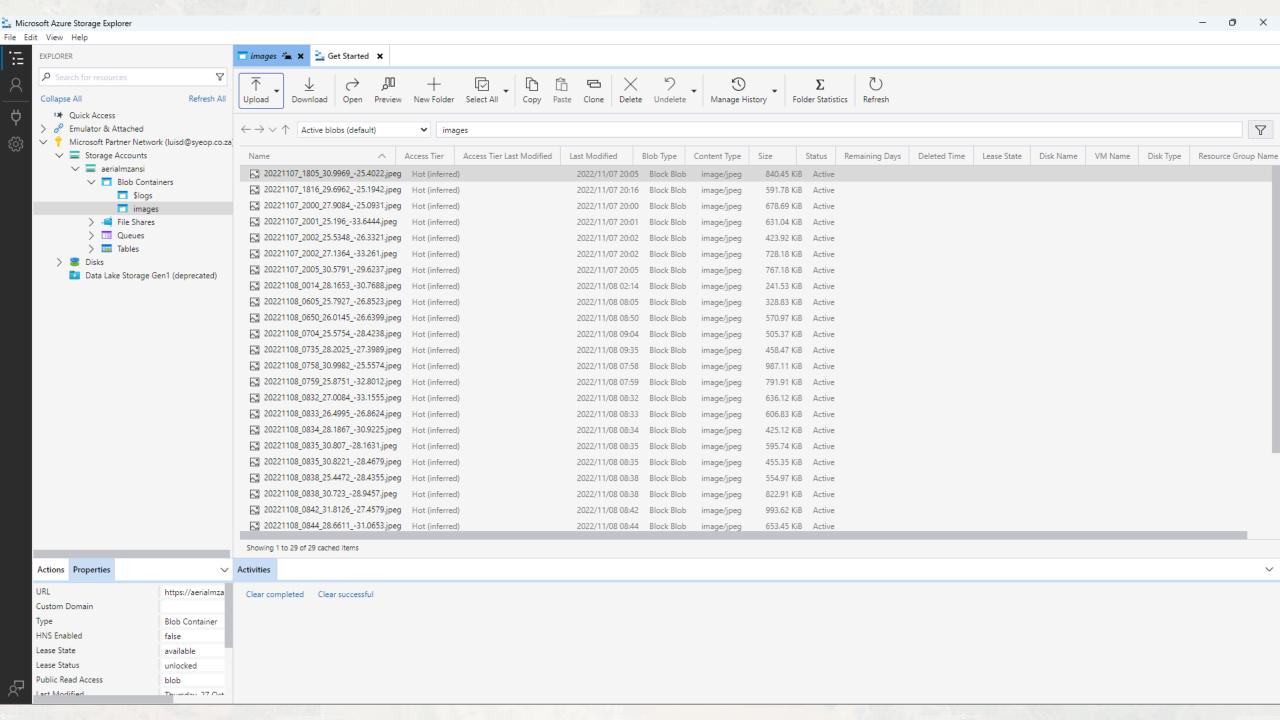
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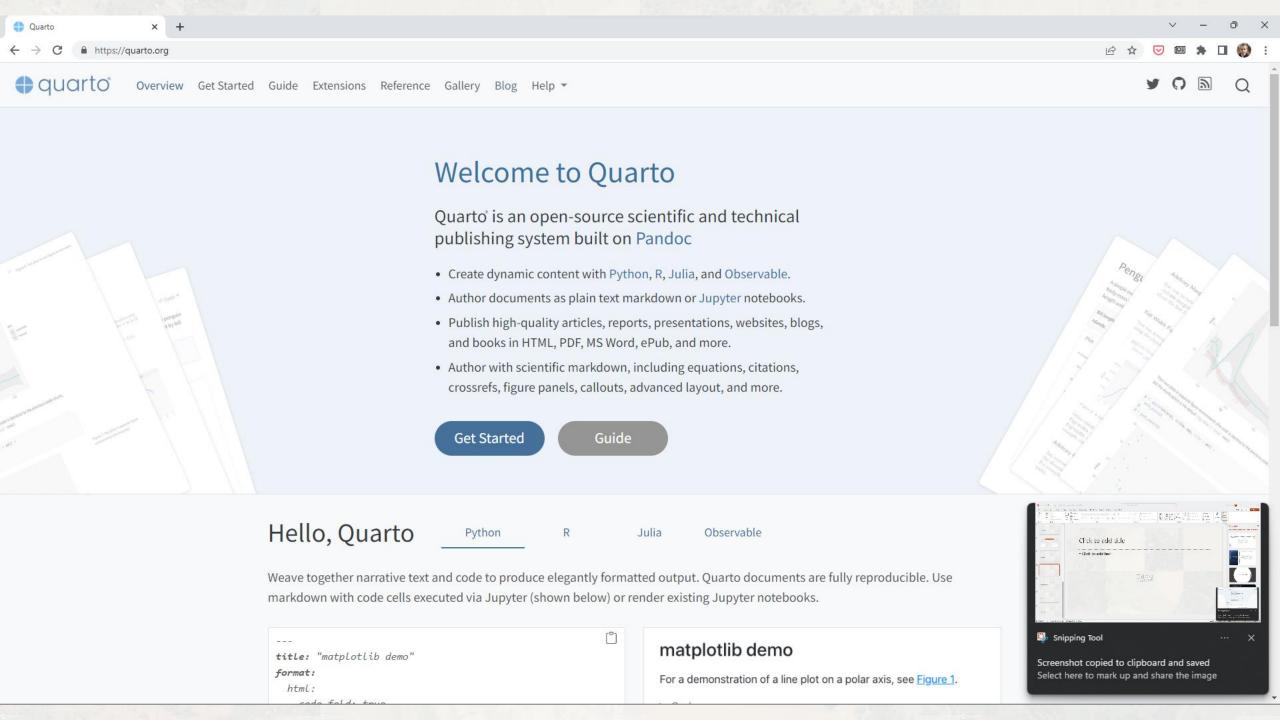
life sciences (35)







Quarto



Quarto Addins















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Filters

Journal Articles

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Starter Templates

Quarto Extensions

Quarto v1.2 Required

If you are using or developing extensions you should update to Quarto v1.2, which includes significant improvements to the extension API. Many extensions are also likely to require Quarto v1.2.

Extensions are a powerful way to modify and extend the behavior of Quarto. Below is a listing of available extensions (please let us know if you have an extension you'd like to see added to the list).

See the articles on **Creating Extensions** to learn how to develop your own extensions.





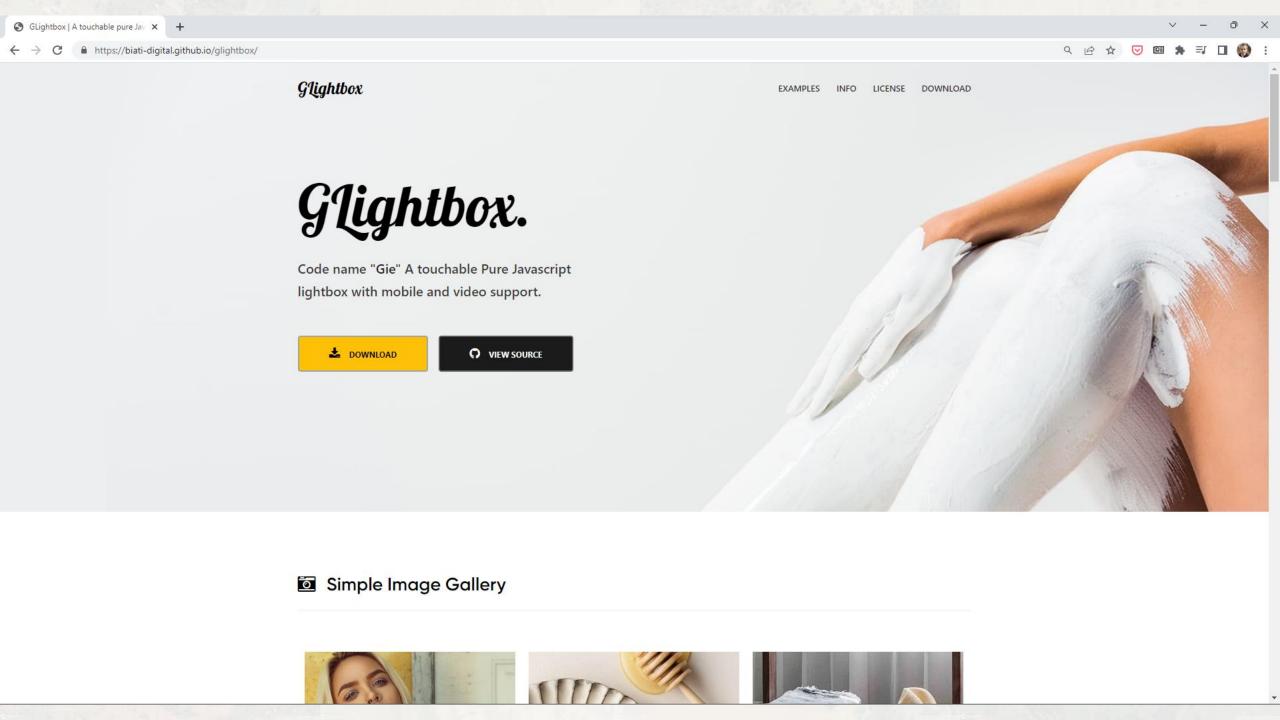




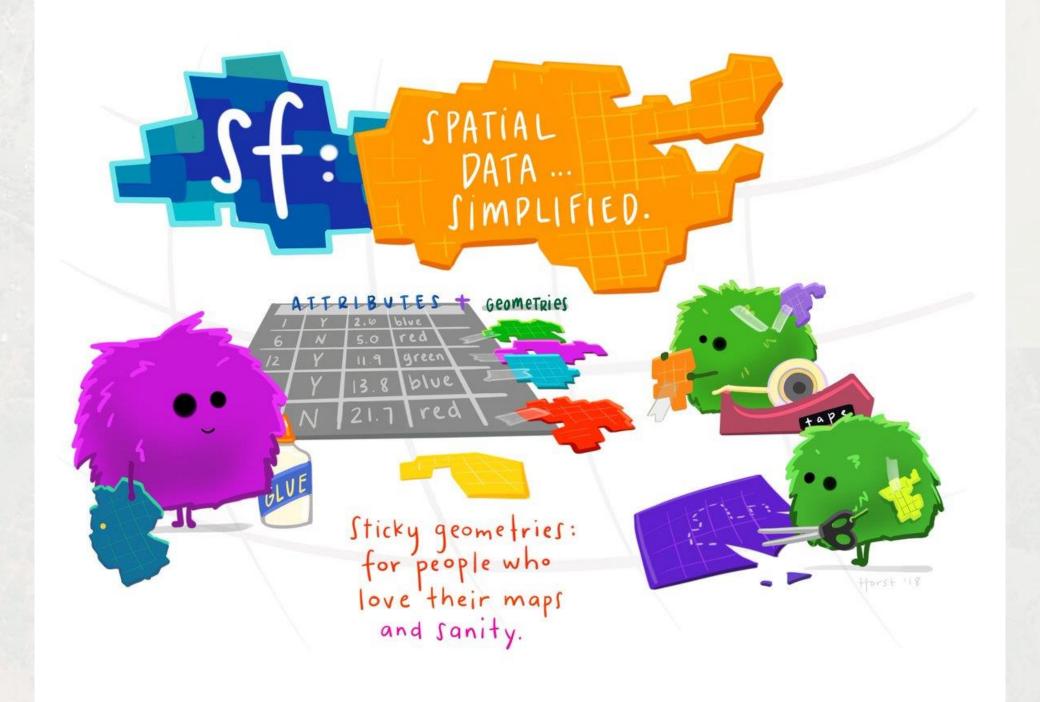
Shortcodes and Filters

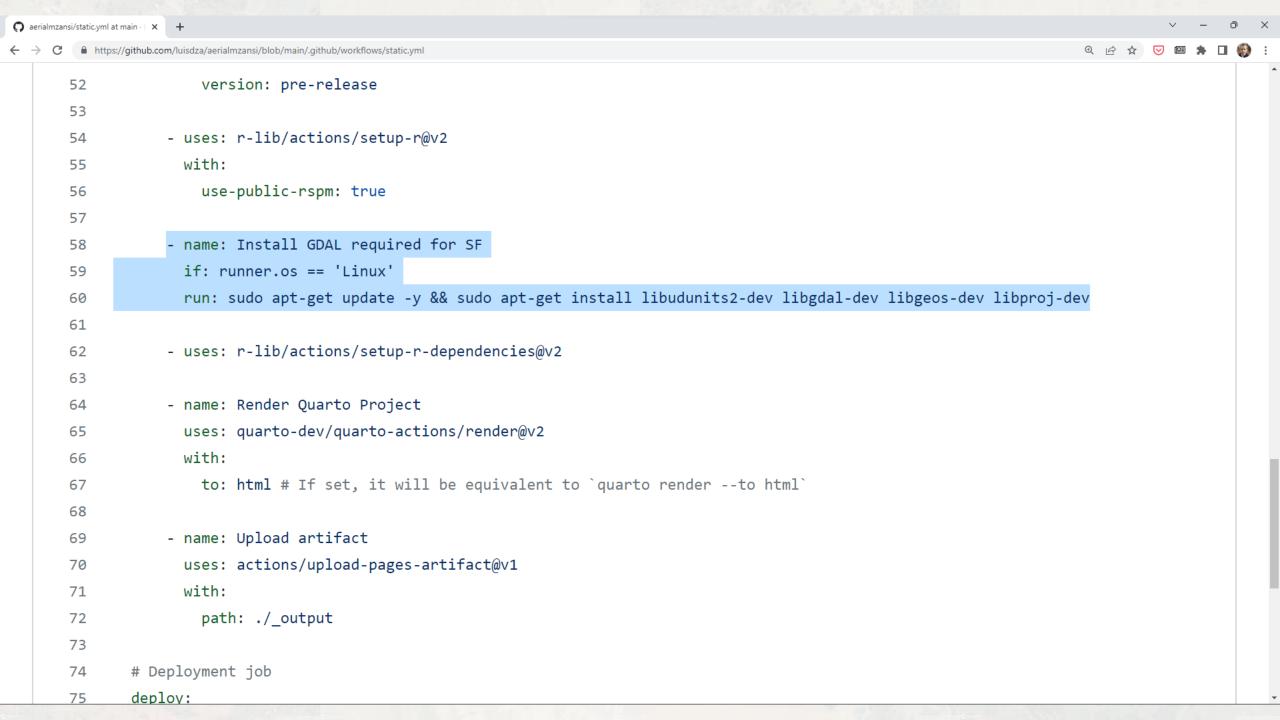


Name	Description	Author
lightbox	Create lightbox treatments for images in your HTML documents.	quarto-ext
molstar	Shortcode to embed proteins and trajectories with Mol*.	jmbuhr
shinylive	This extension lets you embed Shinylive applications in a Quarto document.	quarto-ext
abstract-section	Write an article abstract in a normal section, not the YAML metadata.	pandoc-ext
social-share	Add buttons to share articles on various social media platforms.	schochastics

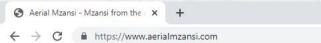








Wrap up



Aerial Mzansi Home About



Mzansi from the air

