

Azure Logic Apps

CI/CD with Azure DevOps & VS Code

Hiram Fleitas

Senior Customer Engineer
Microsoft Data & AI

<https://bit.ly/hiram720>



What is Logic Apps?

Azure Logic Apps is a cloud-based platform for creating and running automated workflows that integrate your apps, data, services, and systems.

Workloads

- Schedule and send email notifications using Office 365 when a specific event happens, for example, a new file is uploaded.
- Route and process customer orders across on-premises systems and cloud services.
- Move uploaded files from an SFTP or FTP server to Azure Storage.
- Monitor tweets, analyze the sentiment, and create alerts or tasks for items that need review

Agenda

- Sample Scenario
- Azure Data Factory
- Azure Logic Apps
- Deployment Center
- Azure DevOps
- VS Code Extensions
- Commit & Deploy
- Summary
- Resources

Eval

Your feedback is appreciated.

bit.ly/hiram720eval

Scenario

1. Pipeline passes a parameter
2. Logic App requires a change
3. DevOps for source control & CI/CD
4. VS Code for tooling



Azure
Data Factory



Logic
App



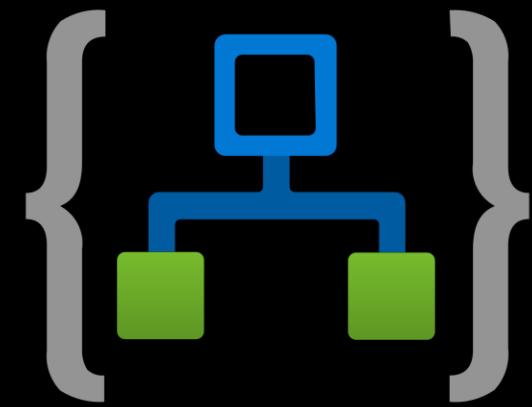
DevOps



VS Code

Demo*

Azure Logic Apps CI/CD



Disclosure: Demo(s) are pre-recorded screenshots - a simulation.

A screenshot of the Microsoft Azure Data Factory pipeline editor interface. The top navigation bar shows three tabs: "dw - Repos", "rig - Azure Data Factory", and "rig - Microsoft Azure". The URL in the address bar is <https://adf.azure.com/en-us/authoring/pipeline/notify?factory=%2Fsubscriptions%2Feaab21d5-8ecd-4ef0-a0c4-92fac2e22875%2FresourceGroups%2Frig%2Fproviders%2F>.

The left sidebar, titled "Factory Resources", lists various pipelines and datasets:

- Pipeline:
 - LakeHiram
 - Leads
 - MovieDemoPipeline
 - notify (selected)
 - Primer
 - Scale
 - TaxiDemo
 - Trollhunters
- 50-powerbi (2 items)
- Dataset (25 items)
- Data flows (4 items)
- Power Query (Preview) (0 items)
- Templates (0 items)

The main workspace is titled "Activities" and shows a list of activity types:

- Move & transform
- Azure Data Explorer
- Azure Function
- Batch Service
- Databricks
- Data Lake Analytics
- General
- HDInsight
- Iteration & conditionals
- Machine Learning
- Power Query

A "Notify" activity is selected, represented by a globe icon. The activity's parameters are displayed in a table:

Name	Type	Default value
Notify	String	hiram@fleitasarts.com

A large green arrow points upwards from the "Default value" field towards the user profile in the top right corner.

A screenshot of the Microsoft Azure portal showing the 'Deployment Center' for a Logic App named 'rig-notify'. The portal has a dark theme.

The top navigation bar shows three tabs: 'dw - Repos', 'rig - Azure Data Factory', and 'rig-notify - Microsoft Azure'. The URL in the address bar is <https://portal.azure.com/#@fleitasarts.com/resource/subscriptions/eaab21d5-8ecd-4ef0-a0c4-92fac2e22875/resourcegroups/rig/providers/Microsoft.Web/sites/rig-notify/>.

The left sidebar contains a list of service icons and their corresponding names: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Security, Events (preview), Workflows, Workflows, Connections, Artifacts, Schemas, Maps, Deployment, Deployment Center (which is selected and highlighted in grey), and Settings.

The main content area is titled 'rig-notify | Deployment Center' and shows the 'Logic App (Standard)' icon. The top navigation bar includes 'Save' (highlighted with a green arrow), 'Discard', 'Browse', 'Manage publish profile', 'Sync', and 'Leave Feedback'.

The 'Settings' tab is active, displaying a message: 'You're now in the production slot, which is not recommended for setting up CI/CD. Learn more' with a close button 'X'.

The 'Deploy and build code from your preferred source and build provider. Learn more' section shows the 'Source' dropdown set to 'Azure Repos' (highlighted with a green arrow).

The 'Building with App Service Build Service. Change provider.' section is present.

The 'Azure Repos' configuration section includes fields for 'Organization' (set to 'hiram0640'), 'Project' (set to 'dw'), 'Repository' (set to 'logicapp-notify'), and 'Branch' (set to 'main'). Each of these four fields has a green arrow pointing to it from the bottom right.

A screenshot of the Microsoft Azure portal showing the deployment center for a Logic App named "rig-notify".

The browser tabs at the top show "workflow.json - Repos", "rig - Azure Data Factory", and "rig-notify - Microsoft Azure".

The Microsoft Azure header includes a search bar, a gear icon, and user information for "hiram@fleitasarts.com" and "FLEITASARTS.COM (FLEITASARTS....)".

The breadcrumb navigation shows "Home > Logic apps > rig-notify".

The main title is "rig-notify | Deployment Center" for a "Logic App (Standard)".

The left sidebar navigation includes:

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Security
- Events (preview)
- Workflows
 - Workflows
 - Connections
- Artifacts
 - Schemas
 - Maps
- Deployment
 - Deployment Center
- Settings

A green arrow points upwards from the "Deployment Center" link in the sidebar towards the top right corner of the page.

The "Settings" tab is selected in the deployment center. It displays the following configuration:

Source	Azure Repos
	Disconnect
Azure Repos	
Repository	https://hiram0640@dev.azure.com/hiram0640/dw/_git/logicapp-notify
Branch	main

Other tabs in the deployment center include "Logs" and "FTPS credentials".

workflow.json - Repos rig - Azure Data Factory rig-notify - Microsoft Azure https://portal.azure.com/#@fleitasarts.com/resource/subscriptions/eaab21d5-8ecd-4ef0-a0c4-92fac2e22875/resourceGroups/rig/providers/Microsoft.Web/sites/rig-notify... hiram@fleitasarts.com FLEITASARTS.COM (FLEITASARTS....)

Microsoft Azure Search resources, services, and docs (G+) hiram@fleitasarts.com FLEITASARTS.COM (FLEITASARTS....)

Home > Logic apps > rig-notify

rig-notify | Deployment Center

Logic App (Standard)

Search (Ctrl +/)

Save Discard Browse Manage publish profile Sync

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Security Events (preview)

Workflows Workflows Connections

Artifacts Schemas Maps

Deployment Deployment Center

Settings Logs FTPS credentials

Deploy and build code from your preferred source and build provider. [Learn more](#)

Source Azure Repos [Disconnect](#)

Azure Repos

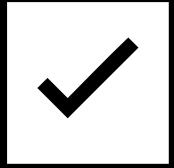
Repository https://hiram0640@dev.azure.com/hiram0640/dw/_git/

Branch main

Notifications

More events in the activity log → Dismiss all

Setting up deployment Successfully set up deployment 3 minutes ago



Connected Logic App to repo

A screenshot of a Microsoft Azure DevOps interface in a browser window. The title bar shows three tabs: "Projects - Home", "rig - Azure Data Factory", and "rig-notify - Microsoft Azure". The address bar indicates the URL is <https://dev.azure.com/hiram0640>. The user's profile picture and name, "hiram0640", are visible in the top right corner.

The main content area is titled "hiram0640" and includes navigation links: "Projects" (underlined), "My work items", and "My pull requests". A "Search" bar is located at the top right. On the far right, there is a "+ New project" button and a "Filter projects" dropdown.

A sidebar on the left lists organization members: "hiram0640" (selected, highlighted in blue) and "DWAnalytics". Below the sidebar, a "New organization" link is present.

The central workspace displays a single project card for "dw". The card features a purple header with a white "D" icon and the letters "dw". Below the header is a dark gray area containing five small, colorful icons representing different project components. A large green arrow points upwards towards these icons from the bottom left.

In the bottom left corner, there is a "What's new" section with a "Sprint 187 release notes" heading. It mentions "Delivery Plans 2.0 are generally available! Check out the release notes to learn more." Below this, there is an "Organization settings" link with the URL https://dev.azure.com/hiram0640/dw/_code/.

A screenshot of the Azure DevOps interface showing a repository named "dw".

The top navigation bar shows three tabs: "dw - Repos", "rig - Azure Data Factory", and "rig-notify - Microsoft Azure". The URL in the address bar is https://dev.azure.com/hiram0640/_git/dw.

The left sidebar contains the following navigation items:

- Overview
- Boards
- Repos
- Files
- Commits
- Pushes
- Branches
- Tags
- Pull requests
- Pipelines
- Test Plans
- Artifacts

The main content area displays the "dw" repository. The repository name "dw" is highlighted with a blue background. A green arrow points from the repository name towards the "Filter repositories" search bar.

The repository details include:

- M4 README.md
- Commits: ac6ec39e Added README.md ...

Actions available for the repository are:

- Set up build
- Clone

A dropdown menu titled "dw" is open, showing the following options:

- Filter repositories
- logicapp-notify
- dw
- New repository
- Import repository
- Manage repositories

The "dw" section of the dropdown is highlighted with a blue background.

The main content area contains sections for "Introduction", "Getting Started", "Build and Test", and "Contribute", each with a "TODO" placeholder text.

At the bottom of the page, there is a "Project settings" link and the URL https://dev.azure.com/hiram0640/dw/_git/logicapp-notify.

A screenshot of the Azure DevOps interface showing a repository named "logicapp-notify". The repository contains a single file, "M1 README.md". The "Clone" button in the top right corner is highlighted with a large green arrow.

The browser tab bar shows three open tabs: "logicapp-notify - Repos", "rig - Azure Data Factory", and "notify - Microsoft Azure".

The left sidebar menu includes options like Overview, Boards, Repos, Files, Commits, Pushes, Branches, Tags, Pull requests, Pipelines, Test Plans, Artifacts, and Project settings.

The main content area displays the repository details, including the file "M1 README.md" with its last change on Friday and commit hash "a8d61821". Below the file list are sections for Introduction, Getting Started, Build and Test, and Contribute, each with placeholder TODO text.

A screenshot of the Azure DevOps interface showing a repository named "logicapp-notify". The repository contains a single file, "M4 README.md". A modal window titled "Clone Repository" is open, displaying cloning options for "HTTPS" and "SSH". The "HTTPS" option is selected, and the URL "https://dev.azure.com/hiram0640/dw/_git/logicapp-notify" is highlighted with a green arrow. A second green arrow points to the "Copy clone URL to clipboard" button. The modal also includes sections for "Generate Git Credentials" and "Clone in VS Code". Below the modal, there is an "Introduction" section with a TODO item about giving a short introduction to the project. The "Getting Started" section has a TODO item about guiding users through getting code up and running, followed by a numbered list from 1 to 4. The "Build and Test" section has a TODO item about describing how to build the code. The "Contribute" section has a TODO item about explaining how other users and developers can contribute to make the code better.

logicapp-notify - Repos rig - Azure Data Factory notify - Microsoft Azure

https://dev.azure.com/hiram0640/dw/_git/logicapp-notify?path=%2F&version=GBmain

Azure DevOps hiram0640 / dw / Repos / Files / logicapp-notify

dw + logicapp-notify main / Type to find a file or folder...

Files M4 README.md

Contents History

Name ↑

M4 README.md

IDE

Clone in VS Code

Having problems authenticating in Git? Be sure to get the latest version
① Git for Windows or our plugins for IntelliJ, Eclipse, Android Studio or windows command line.

Introduction

TODO: Give a short introduction of your project. Let project.

Getting Started

TODO: Guide users through getting your code up and running

1. Installation process
2. Software dependencies
3. Latest releases
4. API references

Build and Test

TODO: Describe and show how to build your code a

Contribute

TODO: Explain how other users and developers can contribute to make your code better.

Clone Repository

Command line

HTTPS SSH https://dev.azure.com/hiram0640/dw/_git/logicapp-notify

Generate Git Credentials

Copy clone URL to clipboard

Project settings

File Edit Selection View Go Run Terminal Help Extension: Azure Logic Apps (Standard) - logicapp-notify - Visual Studio Code

EXTENSIONS: MARKET... ⚙️ ⏪ ⏴ ... Extension: Azure Logic Apps (Standard) X

logic apps ←

Azure Logic Apps (Consum... 1.0.14 Visual Studio Code extension for Azur... Microsoft

Azure Logic Apps (Standard) 1.0.0 Visual Studio Code extension for Azur... Microsoft

JavaScript Remote Debugg... 1.3.1 Debug your JANUS-based application... Otis software Install

Azure Static Web Apps 0.7.0 An Azure Static Web Apps extension f... Microsoft Install

Mindustry Logic 0.0.2 Mindustry Logic (mlog) highlighting f... Antyoos Install

Integromat Apps SDK 1.3.6 Integromat Apps SDK plugin for Visua... Integromat Install

Make Apps Theme 1.0.4 A relaxed, easy-on-the-eyes theme ba... Danny Connell Install

Logic Specification 0.1.2 Language support for logic specificati... Henry Lin Install

Power Apps Portal Helper 1.1.0 Set of commands to simplify work wit... Oleksandr Olashyn Install

Dynamo Workflow Logic 0.0.10 Dynamo Workflow Logic Language Stoyan Krastev Install

Snippets for Freshworks apps 0.0.1 Snippets for Freshworks apps for all pr... 0x17 Install

Azure Logic Apps (Standard) ms-azuretools.vscode-azurelogicapps Microsoft | 7,803 | ★★★★★ License | v1.0.0 Visual Studio Code extension for Azure Logic Apps

Disable Uninstall ⚙️ This extension is enabled globally.

Details Feature Contributions Changelog Dependencies

Azure Logic Apps for Visual Studio Code (Standard)

Use the Azure Logic Apps (Standard) extension to quickly create, debug, manage, and deploy Logic Apps directly from VS Code.

Sign up today for your free Azure account and receive 12 months of free popular services, \$200 free credit and 25+ always free services  Start Free.

Create your first logic app

1. Select the button to create a new project in the Azure Logic Apps explorer
2. Select a new, empty folder to contain your project
3. Select "Stateful" for your project's first function
4. Use "Stateful1" as the function name
5. If the selected folder is not already open, select "Open in current window" to open it

Run the logic app locally

This extension integrates with the [Azure Functions Core Tools](#) to let you run your project locally before publishing to Azure.

1. To start your project, press F5 or the "play" button
2. If you do not have the Azure Functions Core Tools installed, you will be automatically prompted to install. Follow the specified instructions, or skip

main Python 3.9.5 64-bit ⌂ 0 ⌂ 0 ⌂ Set Default Azure ML Workspace Azure: hiram@fleitasarts.com ⌂ ⌂ ⌂

EXTENSIONS: MARKET... ... Extension: Azure Tools X

azure tools

Azure Tools 0.2.1
Get web site hosting, SQL and Mongo...
Microsoft

Azure Account 0.9.8
A common Sign-In and Subscription ...
Microsoft

R Tools 0.0.25
R Tools (IntelliSense, signature help, to...
Mikhail Arkhipov Install

React Native Tools 1.5.1
Debugging and integrated commands...
Microsoft Install

Azure Resource Manager (A... 0.15.1
Language server, editing tools and sni...
Microsoft

XML Tools 2.5.1
XML Formatting, XQuery, and XPath T...
Josh Johnson Install

CMake Tools 1.7.3
Extended CMake support in Visual Stu...
Microsoft Install

Azure Functions 1.4.0
An Azure Functions extension for Visu...
Microsoft

AZ AL Dev Tools/AL Code O... 3.0.6
AZ AL Development Tools: AL code ou...
Andrzej Zwierzchowski Install

Azure CLI Tools 0.5.0
Tools for developing and running com...
Microsoft

Azure IoT Hub 2.16.6
This extension is now a part of Azure I...
Microsoft Install

Azure Tools

ms-vscode.vscode-node-azure-pack

Microsoft | ⚡ 321,683 | ★★★★★ | Repository | License | v0.2.1

Get web site hosting, SQL and MongoDB data, Docker Containers, Serverless Functions and more, all on Azure, all from VS Code, in this one extension f...

Disable Uninstall This extension is enabled globally.

Details

Extension Pack (12)

Azure App Service An Azure App Service manage... Microsoft	Azure Functions An Azure Functions extension f... Microsoft	Azure Storage Manage your Azure Storage acc... Microsoft
Azure Databases Create, browse, and update glo... Microsoft	Azure Virtual Machines An Azure Virtual Machines exte... Microsoft	Azure Resources An extension for viewing and m... Microsoft
Azure CLI Tools Tools for developing and runni... Microsoft	Azure Resource Manager (A... Language server, editing tools ... Microsoft	Bicep Bicep language support for Vis... Microsoft
Docker	Azure Pipelines	ARM Template Viewer

Azure Tools for Visual Studio Code

Microsoft Azure support for Visual Studio Code is provided through a rich set of extensions that make it easy to discover and interact with the cloud services that power your applications.

If you do not have an Azure subscription, sign up today for a free account. You'll get 12 months of popular free services, \$200 in Azure Credits to try out any combination of Azure services, and access to 25+ always free services such as Azure Container Service, DevTest



AZURE
LOGIC APPS (STANDARD)
> (UNV) Microsoft Azure

Extension: Azure Tools X



Azure Tools ms-vscode.vscode-node-azure-pack

Microsoft | 321,683 | ★★★★★ | Repository | License | v0.2.1

Get web site hosting, SQL and MongoDB data, Docker Containers, Serverless Functions and more, all on Azure, all from VS Code, in this one extension f...

Disable

Uninstall



This extension is enabled globally.

Details

Extension Pack (12)



Azure App Service

An Azure App Service manager...
Microsoft



Azure Functions

An Azure Functions extension f...
Microsoft



Azure Storage

Manage your Azure Storage acc...
Microsoft



Azure Databases

Create, browse, and update glo...
Microsoft



Azure Virtual Machines

An Azure Virtual Machines exte...
Microsoft



Azure Resources

An extension for viewing and m...
Microsoft



Azure CLI Tools

Tools for developing and runni...
Microsoft



Azure Resource Manager (A...)

Language server, editing tools ...
Microsoft



Bicep

Bicep language support for Vis...
Microsoft



Docker



Azure Pipelines



ARM Template Viewer

- > APP SERVICE
- > FUNCTIONS
- > RESOURCE GROUPS
- > HELP AND FEEDBACK
- > STORAGE

- hiram@fleitasarts.com (Microsoft) >
- hleitas (GitHub) >
- Settings Sync is On

Azure Tools for Visual Studio Code

rt for Visual Studio Code is provided through a rich set of extensions that make it easy to discover and interact with the services you use to build and deliver your applications.

If you do not have an Azure subscription, sign up today for a free account. You'll get 12 months of popular free services, \$200 in Azure credits to try out any combination of Azure services, and access to 25+ always free services such as Azure Container Service, DevTest

File Edit Selection View Go Run Terminal Help notify.json - logicapp-notify - Visual Studio Code

AZURE

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
 - Workflows
 - notify
 - Configurations
 - Files Read-only
 - Logs Read-only
 - Deployments
 - Slots
- Load More...

APP SERVICE

FUNCTIONS

RESOURCE GROUPS

HELP AND FEEDBACK

STORAGE

VIRTUAL MACHINES

DATABASES

LOGIC APPS (CONSUMPTION)

INTEGRATION ACCOUNTS

MACHINE LEARNING

notify.json

```
1  {
2      "definition": {
3          "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4          "actions": {
5              "Send_an_email_(V2)": {
6                  "inputs": {
7                      "body": {
8                          "Body": "<p>ADF or Synapse Workspace Name: @{{triggerBody()?'DataFactoryName'}}<br>\nPipeline: @{{triggerBody()?'PipelineName'}}<br>\nMessage: @{{triggerBody()?'Message'}}</p>",
9                          "Subject": "Notify @{{triggerBody()?'Subject'}}",
10                         "To": "@{{triggerBody()?'EmailTo'}}"
11                     },
12                     "host": {
13                         "connection": {
14                             "referenceName": "outlook"
15                         }
16                     },
17                     "method": "post",
18                     "path": "/v2/Mail"
19                 },
20                 "runAfter": {},
21                 "type": "ApiConnection"
22             }
23         },
24         "contentVersion": "1.0.0.0",
25         "outputs": {},
26         "triggers": {
27             "manual": {
28                 "inputs": {
29                     "schema": {
30                         "properties": {
31                             "DataFactoryName": {
32                                 "type": "string"
33                             },
34                             "EmailTo": {
35                                 "type": "string"
36                             },
37                             "ErrorMessage": {
38                                 "type": "string"
39                             }
40                         }
41                     }
42                 }
43             }
44         }
45     }
46 }
```

Ln 1, Col 1 Spaces: 4 JSON

File Edit Selection View Go Run Terminal Help notify.json - logicapp-notify - Visual Studio Code

AZURE

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
 - Workflows
 - notify
 - Configurations
 - Files Read-only
 - Logs Read-only
 - Deployments
 - Slots
- Load More...

APP SERVICE

FUNCTIONS

RESOURCE GROUPS

HELP AND FEEDBACK

STORAGE

VIRTUAL MACHINES

DATABASES

LOGIC APPS (CONSUMPTION)

INTEGRATION ACCOUNTS

MACHINE LEARNING

notify.json

```
1  {
2      "definition": {
3          "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4          "actions": {
5              "Send_an_email_(V2)": {
6                  "inputs": {
7                      "body": [
8                          "Body": "Cannot edit in read-only editor  
Subject: @{triggerBody()['Subject']}",
9                          "To": "@{triggerBody()['EmailTo']}"
10                     ],
11                 },
12                 "host": {
13                     "connection": {
14                         "referenceName": "outlook"
15                     }
16                 },
17                 "method": "post",
18                 "path": "/v2/Mail"
19             },
20             "runAfter": {},
21             "type": "ApiConnection"
22         }
23     },
24     "contentVersion": "1.0.0.0",
25     "outputs": {},
26     "triggers": {
27         "manual": {
28             "inputs": {
29                 "schema": {
30                     "properties": {
31                         "DataFactoryName": {
32                             "type": "string"
33                         },
34                         "EmailTo": {
35                             "type": "string"
36                         },
37                         "ErrorMessage": {
38                             "type": "string"
39                         }
40                     }
41                 }
42             }
43         }
44     }
45 }
```

main 18:01 Python 3.9.5 64-bit 0 ▲ 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com Ln 10, Col 32 Spaces: 4 JSON



AZURE ... [notify.json X]

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
- notify

> Config Overview

> Files Read-c Open in Designer

> Logs Read-c

> Deploy View Content

> Slots

Load More...

> APP SERVICE

> FUNCTIONS

> RESOURCE GROUPS

> HELP AND FEEDBACK

> STORAGE

> VIRTUAL MACHINES

> DATABASES

> LOGIC APPS (CONSUMPTION)

> INTEGRATION ACCOUNTS

> MACHINE LEARNING

```
1  {
2      "definition": {
3          "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4          "actions": {
5              "Send_an_email_(V2)": {
6                  "inputs": {
7                      "body": [
8                          "Body": "<p>ADF or Synapse Workspace Name: @{triggerBody()['DataFactoryName']}<br>\nPipeline: @{triggerBody()['PipelineName']}<br>Run ID: @{triggerBody()['RunId']}<br>Run Status: @{triggerBody()['RunStatus']}<br>Run Duration: @{triggerBody()['RunDuration']}<br>Run Start Time: @{triggerBody()['RunStartTime']}<br>Run End Time: @{triggerBody()['RunEndTime']}<br>Run Error Message: @{triggerBody()['RunErrorMessage']}</p>",
9                          "Subject": "Notify @{{triggerBody()['Subject']}}",
10                         "To": "@{{triggerBody()['EmailTo']}}"
11                     ],
12                     "host": {
13                         "connection": {
14                             "referenceName": "outlook"
15                         }
16                     },
17                     "method": "post",
18                     "path": "/v2/Mail"
19                 },
20                 "runAfter": {},
21                 "type": "ApiConnection"
22             }
23         },
24         "contentVersion": "1.0.0.0",
25         "outputs": {},
26         "triggers": {
27             "manual": {
28                 "inputs": {
29                     "schema": {
30                         "properties": {
31                             "DataFactoryName": {
32                                 "type": "string"
33                             },
34                             "EmailTo": {
35                                 "type": "string"
36                             },
37                             "ErrorMessage": {
38                                 "type": "string"
39                             }
40                         }
41                     }
42                 }
43             }
44         }
45     }
46 }
```

File Edit Selection View Go Run Terminal Help notify - logicapp-notify - Visual Studio Code

AZURE ... [notify.json] notify X

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
 - Workflows
 - notify
 - Configurations
 - Files Read-only
 - Logs Read-only
 - Deployments
 - Slots

Load More...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

Parameters Settings Code View Static Result ...

To EmailTo

Subject Notify Subject

Body ADF or Synapse Workspace Name: DataFactoryName
Pipeline: PipelineName
Error: ErrorMessage

APP SERVICE
FUNCTIONS
RESOURCE GROUPS
HELP AND FEEDBACK
STORAGE
VIRTUAL MACHINES
DATABASES
LOGIC APPS (CONSUMPTION)
INTEGRATION ACCOUNTS
MACHINE LEARNING

main 18:01 Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

File Edit Selection View Go Run Terminal Help notify - logicapp-notify - Visual Studio Code

AZURE ... notify.json notify

LOGIC APPS (STANDARD) Microsoft A Create New Project... (UNV) Microsoft rig-notify Workflows notify Configurations Files Read-only Logs Read-only Deployments Slots Load More...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

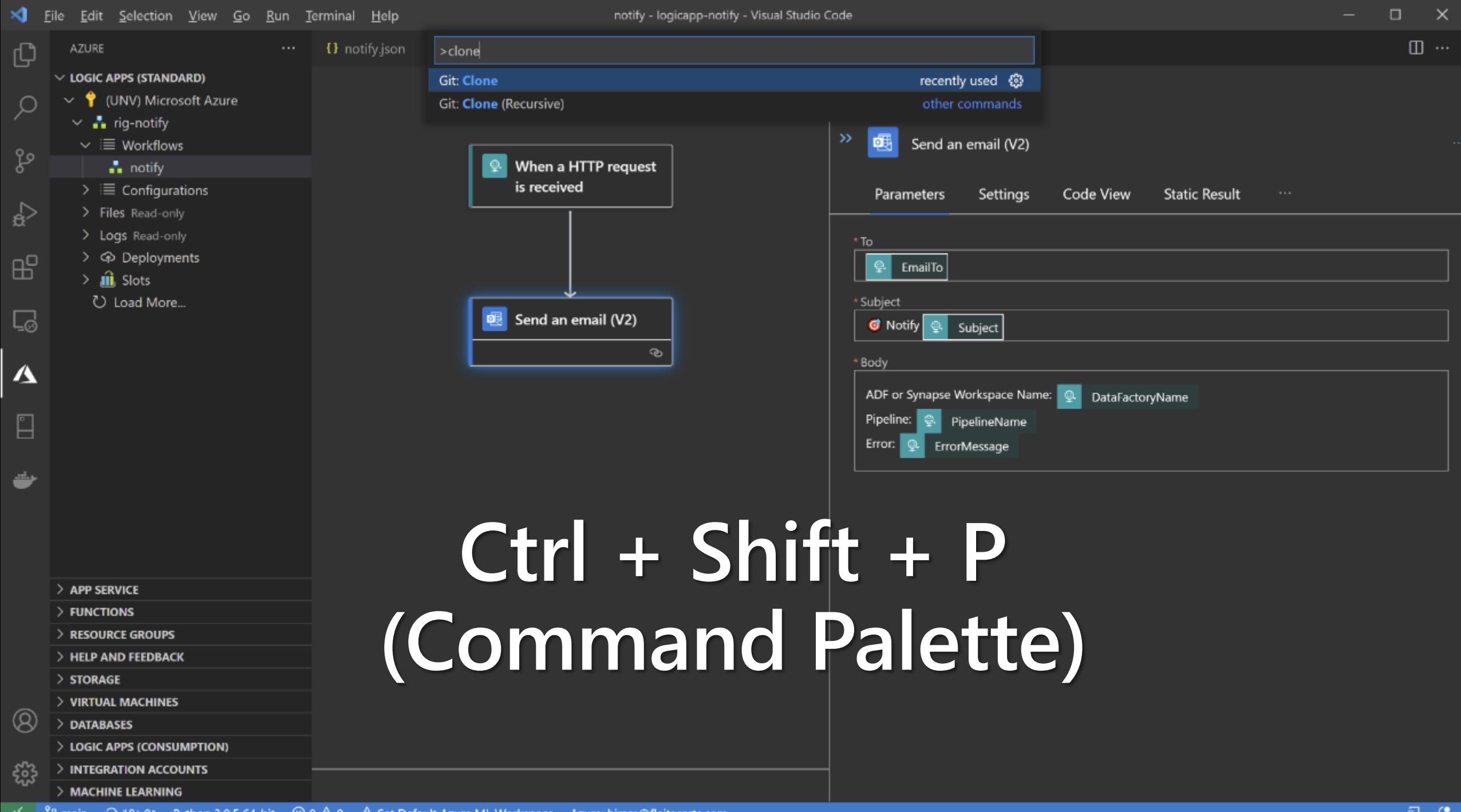
To EmailTo

Subject Notify Subject

Body ADF or Synapse Workspace Name: DataFactoryName Pipeline: PipelineName Error: ErrorMessage

APP SERVICE FUNCTIONS RESOURCE GROUPS HELP AND FEEDBACK STORAGE VIRTUAL MACHINES DATABASES LOGIC APPS (CONSUMPTION) INTEGRATION ACCOUNTS MACHINE LEARNING

main 18:01 Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com



File Edit Selection View Go Run Terminal Help

notify - logicapp-notify - Visual Studio Code

AZURE ... notify.json https://hiram0640@dev.azure.com/hiram0640/dw/_git/logicapp-notify

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
 - Workflows
 - notify
 - Configurations
 - Files Read-only
 - Logs Read-only
 - Deployments
 - Slots

Load More...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

Clone from URL https://hiram0640@dev.azure.com/hiram0640/dw/_git/logicapp-notify

Clone from GitHub

Send an email (V2)

Parameters Settings Code View Static Result ...

To EmailTo

Subject Notify Subject

Body ADF or Synapse Workspace Name: DataFactoryName

Pipeline: PipelineName

Error: ErrorMessage

APP SERVICE

FUNCTIONS

RESOURCE GROUPS

HELP AND FEEDBACK

STORAGE

VIRTUAL MACHINES

DATABASES

LOGIC APPS (CONSUMPTION)

INTEGRATION ACCOUNTS

MACHINE LEARNING

main 18:01 Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

File Edit Selection View Go Run Terminal Help

notify - Visual Studio Code

AZURE ... notify.json notify X

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
 - notify
- Configurations
- Files Read-only
- Logs Read-only
- Deployments
- Slots

Load More...

When a HTTP request is received

Send an email (V2)

Parameters Settings Code View Static Result ...

Select Folder

Windows (C:) > hiram

Search hiram

Organize New folder

Quick access

- TeamsBackground
- Desktop
- Downloads
- Documents
- Pictures
- hiram
- Presentations

Name Date modified Type

Name	Date modified	Type
.vscode	6/18/2021 5:45 PM	File
Artifacts	6/18/2021 5:45 PM	File
rig	6/10/2021 9:00 PM	File
Stateful1	6/18/2021 5:45 PM	File

Folder: hiram

Select Repository Location Cancel

> APP SERVICE
> FUNCTIONS
> RESOURCE GROUPS
> HELP AND FEEDBACK
> STORAGE
> VIRTUAL MACHINES
> DATABASES
> LOGIC APPS (CONSUMPTION)
> INTEGRATION ACCOUNTS
> MACHINE LEARNING

Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

File Edit Selection View Go Run Terminal Help notify - Visual Studio Code

AZURE ... {} notify.json notify X

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
- notify

Configurations
Files Read-only
Logs Read-only
Deployments
Slots
Load More...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

To: EmailTo

Subject: Notify Subject

Body: ADF or Synapse Workspace Name: DataFactoryName
Pipeline: PipelineName
Error: ErrorMessage

Cloning git repository
[https://hiram0640@dev.azure.com/hiram0640/dw/_git/logicapp-notify'...](https://hiram0640@dev.azure.com/hiram0640/dw/_git/logicapp-notify)

Source: Git (Extension) Cancel

Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

```
graph TD; A[When a HTTP request is received] --> B[Send an email (V2)]; B --> C[Send an email (V2)];
```

File Edit Selection View Go Run Terminal Help

notify - Visual Studio Code

AZURE

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
- notify

Configurations

Files Read-only

Logs Read-only

Deployments

Slots

Load More...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

To: EmailTo

Subject: Notify Subject

Body: ADF or Synapse Workspace Name: DataFactoryName
Pipeline: PipelineName
Error: ErrorMessage

Would you like to open the cloned repository?

Source: Git (Extension)

Open Open in New Window

Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

```
graph TD; A[When a HTTP request is received] --> B[Send an email (V2)]; B --> C[Send an email (V2)]
```



Connected Logic App to repo



Cloned repo



Installed extensions

File Edit Selection View Go Run Terminal Help notify - logicapp-notify - Visual Studio Code

AZURE ... notify.json notify

LOGIC APPS (STANDARD) Microsoft A Create New Project... (UNV) Microsoft rig-notify Workflows notify Configurations Files Read-only Logs Read-only Deployments Slots Load More...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

Parameters Settings Code View Static Result ...

To EmailTo

Subject Notify Subject

Body ADF or Synapse Workspace Name: DataFactoryName Pipeline: PipelineName Error: ErrorMessage

```
graph TD; Start[When a HTTP request is received] --> Action[Send an email (V2)]; Action --> Action[Send an email (V2)];
```

File Edit Selection View Go Run Terminal Help

notify - logicapp-notify - Visual Studio Code

AZURE ... { notify.json

LOGIC APPS (STAND... Microsoft Azure rig-notify Workflows notify Configurations Files Read-only Logs Read-only Deployments Slots Load More...

APP SERVICE FUNCTIONS RESOURCE GROUPS HELP AND FEEDBACK STORAGE VIRTUAL MACHINES DATABASES LOGIC APPS (CONSUMPTION) INTEGRATION ACCOUNTS MACHINE LEARNING

Create new project

Select the folder that will contain your workflow project

logicapp-notify c:\hiram\logicapp-notify

Browse...

When a HTTP request is received

Send an email (V2)

Send an email (V2)

Parameters Settings Code View Static Result ...

To EmailTo

Subject Notify Subject

Body ADF or Synapse Workspace Name: DataFactoryName Pipeline: PipelineName Error: ErrorMessage

main Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

The screenshot shows the Visual Studio Code interface with a Logic App workflow named 'notify'. The workflow consists of two main components: 'When a HTTP request is received' and 'Send an email (V2)'. The 'Send an email (V2)' component is currently selected, displaying its configuration details. The configuration includes fields for 'To' (EmailTo), 'Subject' (Notify Subject), and 'Body' (ADF or Synapse Workspace Name: DataFactoryName, Pipeline: PipelineName, Error: ErrorMessage). The 'Parameters' tab is selected in the configuration pane. The left sidebar shows the Azure portal navigation menu, and the bottom status bar indicates the workspace is using Python 3.9.5 64-bit.

File Edit Selection View Go Run Terminal Help

notify - logicapp-notify - Visual Studio Code

AZURE ... { notify.json

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
- notify

Configurations
Files Read-only
Logs Read-only
Deployments
Slots
Load More...

APP SERVICE
FUNCTIONS
RESOURCE GROUPS
HELP AND FEEDBACK
STORAGE
VIRTUAL MACHINES
DATABASES
LOGIC APPS (CONSUMPTION)
INTEGRATION ACCOUNTS
MACHINE LEARNING

Create new project

Select a template for your project's first workflow

Stateful Workflow

Stateless Workflow

Skip for now

is received

Send an email (V2)

Parameters

To: EmailTo

Subject: Notify Subject

Body: ADF or Synapse Workspace Name: DataFactoryName
Pipeline: PipelineName
Error: ErrorMessage

Code View

Static Result

main Python 3.9.5 64-bit o o Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

```
graph TD; Trigger[is received] --> Action[Send an email (V2)]
```

File Edit Selection View Go Run Terminal Help

notify - logicapp-notify - Visual Studio Code

AZURE ... { notify.json ← Create new Stateful Workflow (3/3)

LOGIC APPS (STANDARD)
Microsoft Azure
rig-notify
Workflows
notify
Configurations
Files Read-only
Logs Read-only
Deployments
Slots
Load More...

When a HTTP request is received

Send an email (V2)

Stateful1

Provide a workflow name (Press 'Enter' to confirm or 'Escape' to cancel)

>> Send an email (V2)

Parameters Settings Code View Static Result ...

To EmailTo

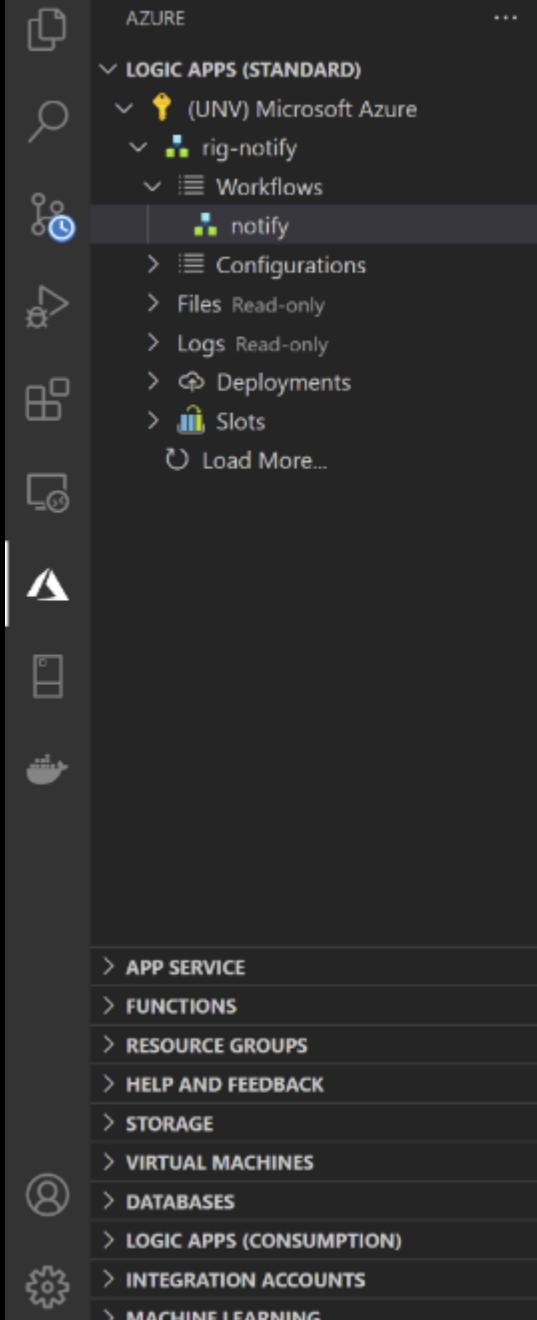
Subject Notify Subject

Body ADF or Synapse Workspace Name: DataFactoryName
Pipeline: PipelineName
Error: ErrorMessage

APP SERVICE
FUNCTIONS
RESOURCE GROUPS
HELP AND FEEDBACK
STORAGE
VIRTUAL MACHINES
DATABASES
LOGIC APPS (CONSUMPTION)
INTEGRATION ACCOUNTS
MACHINE LEARNING

main Python 3.9.5 64-bit o o Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

This screenshot shows the Microsoft Logic Apps Standard interface within Visual Studio Code. On the left, the Azure sidebar displays various resources like App Service, Functions, and Logic Apps. The Logic Apps section is expanded, showing a 'Workflows' folder containing a 'notify' item. The main workspace is titled 'notify - logicapp-notify - Visual Studio Code'. It shows the creation of a 'Stateful Workflow' (3/3). The workflow consists of two actions: 'When a HTTP request is received' and 'Send an email (V2)'. The 'Send an email (V2)' action is currently selected. The 'Parameters' tab is active, showing configuration for 'To', 'Subject', and 'Body'. The 'Body' section includes parameters for 'ADF or Synapse Workspace Name', 'Pipeline', and 'Error'. The status bar at the bottom indicates the environment is Python 3.9.5 64-bit.



Stateful1 > {} workflow.json > ...

```
1  [
2    "definition": {
3      "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4      "actions": {},
5      "contentVersion": "1.0.0.0",
6      "outputs": {},
7      "triggers": {}
8    },
9    "kind": "Stateful"
10 }
11 }
```

ⓘ Finished creating project.

File Edit Selection View Go Run Terminal Help notify.json - logicapp-notify - Visual Studio Code

AZURE

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
 - notify
- Configurations
- Files Read-only
- Logs Read-only
- Deployments
- Slots

Load More...

APP SERVICE

FUNCTIONS

RESOURCE GROUPS

HELP AND FEEDBACK

STORAGE

VIRTUAL MACHINES

DATABASES

LOGIC APPS (CONSUMPTION)

INTEGRATION ACCOUNTS

MACHINE LEARNING

notify.json X notify workflow.json U

```
1  {
2      "definition": {
3          "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4          "actions": {
5              "Send_an_email_(V2)": {
6                  "inputs": {
7                      "body": {
8                          "Body": "<p>ADF or Synapse Workspace Name: @{triggerBody()?[ 'DataFactoryName' ]}<br>\nPipeline: @{triggerBody()?[ 'PipelineName' ]}<br>Subject: @{triggerBody()?[ 'Subject' ]}<br>To: @{triggerBody()?[ 'EmailTo' ]}</p>",
9                          "Subject": "Notify -@{triggerBody()?[ 'Subject' ]}",
10                         "To": "@{triggerBody()?[ 'EmailTo' ]}"
11                     },
12                     "host": {
13                         "connection": {
14                             "referenceName": "outlook"
15                         }
16                     },
17                     "method": "post",
18                     "path": "/v2/Mail"
19                 },
20                 "runAfter": {},
21                 "type": "ApiConnection"
22             }
23         },
24         "contentVersion": "1.0.0.0",
25         "outputs": {},
26         "triggers": {
27             "manual": {
28                 "inputs": {
29                     "schema": {
30                         "properties": {
31                             "DataFactoryName": {
32                                 "type": "string"
33                             },
34                             "EmailTo": {
35                                 "type": "string"
36                             },
37                             "ErrorMessage": {
38                                 "type": "string"
39                             }
40                         }
41                     }
42                 }
43             }
44         }
45     }
46 }
```

Copy Ctrl+C

Command Palette... Ctrl+Shift+P

Import Document into a Collection...

main* Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com Ln 56, Col 2 (2055 selected) Spaces: 4 JSON

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

AZURE

LOGIC APPS (STANDARD)

- (UNV) Microsoft Azure
- rig-notify
- Workflows
 - notify
- Configurations
- Files Read-only
- Logs Read-only
- Deployments
- Slots

Load More...

APP SERVICE

FUNCTIONS

RESOURCE GROUPS

HELP AND FEEDBACK

STORAGE

VIRTUAL MACHINES

DATABASES

LOGIC APPS (CONSUMPTION)

INTEGRATION ACCOUNTS

MACHINE LEARNING

notify.json notify workflow.json

Stateful1 > workflow.json > ...

```
1  {
2    "definition": {
3      "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4      "actions": {},
5      "contentVersion": "1.0.0.0",
6      "outputs": {},
7      "triggers": {}
8    },
9    "kind": "Stateful"
10 }
11 }
```

Change All Occurrences Ctrl+F2

Format Document Shift+Alt+F

Format Selection Ctrl+K Ctrl+F

Refactor... Ctrl+Shift+R

Cut Ctrl+X

Copy Ctrl+C

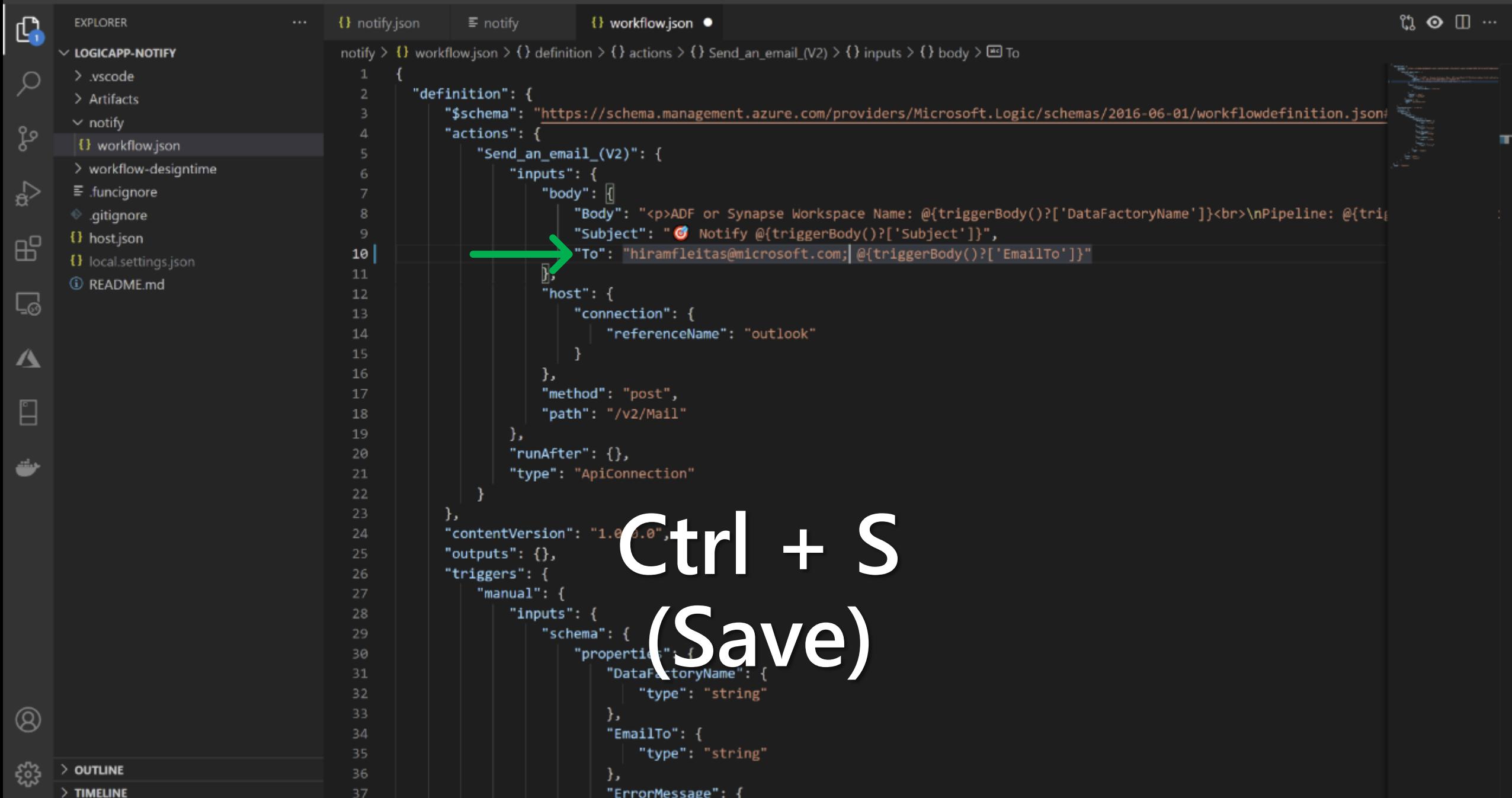
Paste Ctrl+V

Command Palette... Ctrl+Shift+P

Import Document into a Collection...

main* Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

Ln 11, Col 1 (262 selected) Spaces: 2 UTF-8 LF JSON



Ctrl + S
(Save)

The screenshot shows the Visual Studio Code interface with the title bar "workflow.json - logicapp-notify - Visual Studio Code". The left sidebar contains icons for File, Edit, Selection, View, Go, Run, Terminal, Help, Explorer, LOGICAPP-NOTIFY, OUTLINE, and TIMELINE. The Explorer icon is highlighted with a green arrow. The main area displays the content of the "workflow.json" file, which defines a Stateful1 workflow with triggers, inputs, and outputs. The code is color-coded for syntax highlighting.

```
21     "type": "ApiConnection"
22   },
23 },
24 "contentVersion": "1.0.0.0",
25 "outputs": {},
26 "triggers": {
27   "manual": {
28     "inputs": {
29       "schema": {
30         "properties": {
31           "DataFactoryName": {
32             "type": "string"
33           },
34           "EmailTo": {
35             "type": "string"
36           },
37           "ErrorMessage": {
38             "type": "string"
39           },
40           "PipelineName": {
41             "type": "string"
42           },
43           "Subject": {
44             "type": "string"
45           }
46         },
47         "type": "object"
48       }
49     },
50     "kind": "Http",
51     "type": "Request"
52   }
53 },
54 "kind": "Stateful"
55 ]
56 ]
```

At the bottom, the status bar shows "main*" in the first tab, followed by "Python 3.9.5 64-bit", "Set Default Azure ML Workspace", "Azure: hiram@fleitasarts.com", "Ln 56, Col 2", "Spaces: 2", "UTF-8", "LF", "JSON", and a few other icons.

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

EXPLORER ... {} notify.json notify {} workflow.json U X

LOGICAPP-NOTIFY > .vscode > Artifacts > Stateful+ > work > workflow.json

Stateful1 > {} workflow.json > ...

21 "type": "ApiConnection"
22 }
23 },
"intentVersion": "1.0.0.0",
"inputs": {},
"triggers": {
 "manual": {
 "inputs": {
 "schema": {
 "properties": {
 "DataFactoryName": {
 "type": "string"
 },
 "EmailTo": {
 "type": "string"
 },
 "ErrorMessage": {
 "type": "string"
 },
 "PipelineName": {
 "type": "string"
 },
 "Subject": {
 "type": "string"
 }
 },
 "type": "object"
 }
 },
 "kind": "Http",
 "type": "Request"
},
"Stateful"

New File New Folder Reveal in File Explorer Shift+Alt+R Open in Integrated Terminal Find in Folder... Shift+Alt+F Cut Ctrl+X Copy Ctrl+C Paste Ctrl+V Copy Path Shift+Alt+C Copy Relative Path Ctrl+K Ctrl+Shift+C Rename F2 Delete Delete Configure Pipeline Deploy to Web App... Deploy to Function App... Deploy to Static Website via Azure Storage... Deploy to Logic App... Upload to Azure Storage... Add Build Definition to Project

OUTLINE > TIMELINE

main* Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

Ln 56, Col 2 Spaces: 2 UTF-8 LF JSON

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

EXPLORER ... { notify.json notify workflow.json X

LOGICAPP-NOTIFY D+ E+ U Stateful1 > { workflow.json > ...

.vscode
Artifacts
notify
workflow.json
workflow-designtime
.funcignore
.gitignore
host.json
local.settings.json
README.md

21 "type": "ApiConnection"
22 }
23 },
24 "contentVersion": "1.0.0.0",
25 "outputs": {},
26 "triggers": {
27 "manual": {
28 "inputs": {
29 "schema": {
30 "properties": {
31 "DataFactoryName": {
32 "type": "string"
33 },
34 "EmailTo": {
35 "type": "string"
36 },
37 "ErrorMessage": {
38 "type": "string"
39 },
40 "PipelineName": {
41 "type": "string"
42 },
43 "Subject": {
44 "type": "string"
45 }
46 },
47 "type": "object"
48 }
49 },
50 "kind": "Http",
51 "type": "Request"
52 },
53 },
54 },
55 "kind": "Stateful"
56]

OUTLINE
TIMELINE

main* Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

Ln 56, Col 2 Spaces: 2 UTF-8 LF JSON

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

EXPLORER

LOGICAPP-NOTIFY

- > .vscode
- > Artifacts
- notify
- workflow.json M
- > workflow-designtime
- .funcignore
- .gitignore
- host.json
- local.settings.json
- README.md

Message (commit on 'main')

notify > work Please provide a commit message (Press 'Enter' to confirm or 'Escape' to cancel)

```
21     "type": "ApiConnection"
22   },
23 },
24 "contentVersion": "1.0.0.0",
25 "outputs": {},
26 "triggers": {
27   "manual": {
28     "inputs": {
29       "schema": {
30         "properties": {
31           "DataFactoryName": {
32             "type": "string"
33           },
34           "EmailTo": {
35             "type": "string"
36           },
37           "ErrorMessage": {
38             "type": "string"
39           },
40           "PipelineName": {
41             "type": "string"
42           },
43           "Subject": {
44             "type": "string"
45           }
46         },
47         "type": "object"
48       }
49     },
50   },
51   "kind": "Http",
52 },
53 },
54 "kind": "Stateful"
55 ]
56 ]
```

Ctrl + Alt + C
(Commit)

OUTLINE

TIMELINE

main* Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

Ln 56, Col 2 Spaces: 4 UTF-8 LF JSON

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

EXPLORER ... {} notify.json added notify

LOGICAPP-NOTIFY

- > .vscode
- > Artifacts
- notify
- workflow.json M
- > workflow-designtime
- .funcignore
- .gitignore
- host.json
- local.settings.json
- README.md

notify > {} work Please provide a commit message (Press 'Enter' to confirm or 'Escape' to cancel)

```
21     "type": "ApiConnection"
22   },
23 },
24 "contentVersion": "1.0.0.0",
25 "outputs": {},
26 "triggers": {
27   "manual": {
28     "inputs": {
29       "schema": {
30         "properties": [
31           "DataFactoryName": {
32             "type": "string"
33           },
34           "EmailTo": {
35             "type": "string"
36           },
37           "ErrorMessage": {
38             "type": "string"
39           },
40           "PipelineName": {
41             "type": "string"
42           },
43           "Subject": {
44             "type": "string"
45           }
46         ],
47         "type": "object"
48       }
49     },
50     "kind": "Http",
51     "type": "Request"
52   }
53 },
54 "kind": "Stateful"
55 }
56 }
```

OUTLINE

TIMELINE

main* Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com Ln 33, Col 29 Spaces: 4 UTF-8 LF JSON

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

EXPLORER ... ⌂ notify.json ⌂ notify ⌂ workflow.json M X

LOGICAPP-NOTIFY D+ E+ U ⌂ notify > .vscode > Artifacts > notify > workflow.json M host.json local.settings.json README.md

notify > ⌂ workflow.json > {} definition > {} actions > {} Send_an_email_(V2) > {} inputs > {} body > To

```
1 {
2     "definition": {
3         "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4         "actions": {
5             "Send_an_email_(V2)": {
6                 "inputs": {
7                     "body": [
8                         "Body": "<p>ADF or Synapse Workspace Name: @{triggerBody()?[\"DataFactoryName\"]}<br>\nPipeline: @{triggerBody()?[\"PipelineName\"]}<br>Trigger: @{triggerBody()?[\"TriggerType\"]}<br>Subject: \"Notify @{{triggerBody()?[\"Subject\"]}}\"",
9                         "Subject": "Notify @{{triggerBody()?[\"Subject\"]}}",
10                        "To": "hiramfleitas@microsoft.com; @{triggerBody()?[\"EmailTo\"]}"
11                    ],
12                    "host": {
13                        "connection": {
14                            "referenceName": "outlook"
15                        }
16                    },
17                    "method": "post",
18                    "path": "/v2/Mail"
19                },
20                "runAfter": {},
21                "type": "ApiConnection"
22            }
23        },
24        "contentVersion": "1.0.0.0",
25        "outputs": {},
26        "triggers": {
27            "manual": {
28                "inputs": {
29                    "schema": {
30                        "properties": {
31                            "DataFactoryName": {
32                                "type": "string"
33                            },
34                            "EmailTo": {
35                                "type": "string"
36                            },
37                            "ErrorMessage": {
38                                "type": "string"
39                            }
40                        }
41                    }
42                }
43            }
44        }
45    }
46}
```

> OUTLINE > TIMELINE

main+ Python 3.9.5 64-bit 0 0 Set Default Azure ML Workspace Azure: hiram@microsoft.com Ln 10, Col 57 Spaces: 4 UTF-8 LF JSON



File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

EXPLORER ... { notify.json notify workflow.json M X

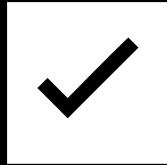
LOGICAPP-NOTIFY D+ E+ U S notify > workflow.json > {} definition > {} actions > {} Send_an_email_(V2) > {} inputs > {} body > To .vscode Artifacts notify workflow.json workflow-designtime funcignore .gitignore host.json local.settings.json README.md

notify > workflow.json > {} definition > {} actions > {} Send_an_email_(V2) > {} inputs > {} body > To

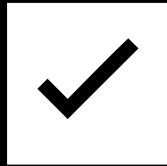
```
1 {
2     "definition": {
3         "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4         "actions": {
5             "Send_an_email_(V2)": {
6                 "inputs": {
7                     "body": [
8                         "Body": "<p>ADF or Synapse Workspace Name: @{{triggerBody()?'DataFactoryName'}}<br>\nPipeline: @{{triggerBody()?'PipelineName'}}<br>Trigger: @{{triggerBody()?'TriggerType'}}<br>Subject: @{{triggerBody()?'Subject'}}",
9                         "Subject": "Notify @{{triggerBody()?'Subject'}}",
10                        "To": "hiramfleitas@microsoft.com; @{{triggerBody()?'EmailTo'}}"
11                    ],
12                    "host": {
13                        "connection": {
14                            "Visual Studio Code": "This action will push and pull commits to and from 'origin/main'."
15                            "OK" OK, Don't Show Again Cancel
16                        },
17                        "runAfter": {},
18                        "type": "ApiConnection"
19                    }
20                },
21                "contentVersion": "1.0.0.0",
22                "outputs": {},
23                "triggers": {
24                    "manual": {
25                        "inputs": {
26                            "schema": {
27                                "properties": {
28                                    "DataFactoryName": {
29                                        "type": "string"
30                                    },
31                                    "EmailTo": {
32                                        "type": "string"
33                                    },
34                                    "ErrorMessage": {
35                                        "type": "string"
36                                    }
37                                }
38                            }
39                        }
40                    }
41                }
42            }
43        }
44    }
45}
```

OUTLINE TIMELINE

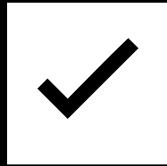
main+ 0 11 Python 3.9.5 64-bit 0 ▲ 0 Set Default Azure ML Workspace Azure: hiram@fleitasarts.com Ln 10, Col 57 Spaces: 4 UTF-8 LF JSON



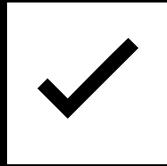
Connected Logic App to repo



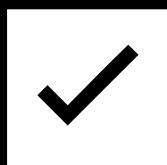
Cloned repo



Installed extensions



Applied changes



Committed & Synced

workflow.json - Repos x | rig - Azure Data Factory x | notify - Microsoft Azure x +

https://portal.azure.com/#blade/Microsoft_Azure_EMA/WorkflowMenuBlade/designer/resourceId/%2Fsubscriptions%2Feaab21d5-8ecd-4ef0-a0c4-92fac2e22875%2FresourceGroups%2Frig%2Fproviders%2FMicrosoft.Web%2Fsites%2Frig-notify%2Fhostruntime%

Microsoft Azure Search resources, services, and docs (G+ /)

hiram@fleitasarts.com FLEITASARTS.COM (FLEITASARTS...)

Home > Logic apps > rig-notify > notify

notify | Designer

Workflow

Search (Ctrl +/)

Overview

Developer

Code

Designer

Settings

Access Keys

...

workflow.json - Repos rig - Azure Data Factory notify - Microsoft Azure https://portal.azure.com/#blade/Microsoft_Azure_EMA/WorkflowMenuBlade/designer/resourceId/%2Fsubscriptions%2Ffeaab21d5-8ecd-4ef0-a0c4-92fac2e22875%2Fres... Microsoft Azure Search resources, services, and docs (G+) hiram@fleitasarts.com FLEITASARTS.COM (FLEITASARTS...) Home > Logic apps > rig-notify > notify

notify | Designer

Workflow

Search (Ctrl + /) Save Discard Info

Overview

Developer

Code

Designer

Settings

Access Keys

When a HTTP request is received

Send an email (V2)

Send an email (V2)

To: hiramfleitas@microsoft.com; EmailTo

Subject: Notify Subject

Body:

Font 12 B I U

ADF or Synapse Workspace Name: DataFactoryName

Pipeline: PipelineName

Error: ErrorMessage

Add new parameter

Connected to Outlook.com. Change connection.

Provide Feedback

```
graph TD; Trigger[When a HTTP request is received] --> Action[Send an email (V2)]; Action --> Body[Body: ADF or Synapse Workspace Name: DataFactoryName, Pipeline: PipelineName, Error: ErrorMessage];
```

File Edit Selection View Go Run Terminal Help workflow.json - logicapp-notify - Visual Studio Code

AZURE

LOGIC APPS (STAND... Microsoft Azure rig-notify Workflows notify Configurations Files Read-only Logs Read-only Deployments 19d53a8 - fixed notify Active 3d53527 - Merged PR 8: R... d6d5612 - Deleted host.json a97e40d - Deleted notify 1a61cd7 - fixed logic app fd79cee - fixed notify ff85c31 - fixed notify 7ed3fe1 - fixed Stateful2 as... ec67551 - added items a8d6182 - Added README... Slots Load More...

APP SERVICE FUNCTIONS RESOURCE GROUPS HELP AND FEEDBACK STORAGE VIRTUAL MACHINES DATABASES LOGIC APPS (CONSUMPTION) INTEGRATION ACCOUNTS MACHINE LEARNING

notify > workflow.json > {} definition > {} actions > {} Send_an_email_(V2) > {} inputs > {} body > To

```
1 {
  "definition": {
    "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
    "actions": {
      "Send_an_email_(V2)": {
        "inputs": {
          "body": [
            {
              "Body": "<p>ADF or Synapse Workspace Name: @{{triggerBody()?'DataFactoryName'}}<br>\nPipeline: @{{triggerBody()?'PipelineName'}}<br>Trigger: @{{triggerBody()?'TriggerName'}}<br>Event: @{{triggerBody()?'EventName'}}<br>Message: @{{triggerBody()?'Message'}}<br>Subject: @{{triggerBody()?'Subject'}}",
              "To": "hiramfleitas@microsoft.com; @{{triggerBody()?'EmailTo'}}"
            }
          ],
          "host": {
            "connection": {
              "referenceName": "outlook"
            }
          },
          "method": "post",
          "path": "/v2/Mail"
        },
        "runAfter": {},
        "type": "ApiConnection"
      }
    },
    "contentVersion": "1.0.0.0",
    "outputs": {},
    "triggers": {
      "manual": {
        "inputs": {
          "schema": {
            "properties": {
              "DataFactoryName": {
                "type": "string"
              },
              "EmailTo": {
                "type": "string"
              },
              "ErrorMessage": {
                "type": "string"
              }
            }
          }
        }
      }
    }
  }
}
```

main Python 3.9.5 64-bit Set Default Azure ML Workspace Azure: hiram@fleitasarts.com

Ln 10, Col 57 Spaces: 4 UTF-8 LF JSON

Azure DevOps interface showing the repository 'logicapp-notify' under the 'dw' project.

The repository structure is as follows:

- .vscode
- notify
 - workflow.json
- workflow-designtime
 - .funcignore
 - .gitignore
 - host.json
- README.md

The 'Files' tab shows the contents of the 'main' branch, with the following commit history:

Name	Last change	Commits
.vscode	9m ago	d2b34b82 added notify Hiram F...
notify	4m ago	19d53a8b fixed notify Hiram Fle...
workflow-designtime	Yesterday	02b51983 Revert "Deleted work..."
.funcignore	Yesterday	528910f8 Revert "Deleted .func..."
.gitignore	Yesterday	42ae36e1 Revert "Deleted .gitig..."
host.json	Yesterday	8020b0bb Revert "Deleted host..."
README.md	Friday	a8d61821 Added README.md ...

Introduction
TODO: Give a short introduction of your project. Let this section explain the objectives or the motivation behind this project.

Getting Started
TODO: Guide users through getting your code up and running on their own system. In this section you can talk about:

1. Installation process

Summary

1. Connected Logic App to Azure DevOps
2. Commit changes in VS Code using Logic Apps extension
3. Deployment Center automatically facilitated CI/CD



Azure
Data Factory



Logic
App



DevOps



VS Code

Resources

- Azure Logic Apps – Build powerful integration solutions.
 - <https://aka.ms/logicapps>
- Azure DevOps – Plan smatter, collaborate better, and ship faster.
 - <https://aka.ms/devops>
- VS Code – Free. Built on open source. Runs everywhere.
 - <https://aka.ms/vscode>

Eval

Your feedback is appreciated.

bit.ly/hiram720eval

Thank you

Hiram Fleitas

<https://aka.ms/hiram>
<https://bit.ly/hiram720>

