

Url Shortner

Table of Contents

Important Links	2
API Information	2
Create Short Url (POST).....	2
Get complete details based on Short URL (GET)	2
Get Long Url from Short URL (GET).....	2
Redirect to Long Url from Short URL (GET).....	2
Delete Record of Short URL (DELETE)	3
Azure DevOps.....	3
Build	3
Release	4
Azure Server	5
Monitoring	5
Database	6

Important Links

S.No	Content	Link
1.	Source Code	https://github.com/gourav17/Url-Shortner
2.	API Deployed	http://url-shortner-dev-as.azurewebsites.net
3.	Application	http://url-shortner-dev-as.azurewebsites.net/MyUrl/CreateShortUrl
4.	Example	https://url-shortner-dev-as.azurewebsites.net/bqYIS
5.	Azure Deployment	https://dev.azure.com/gourav17/
6.	Azure Portal	https://portal.azure.com

API Information

url = <http://url-shortner-dev-as.azurewebsites.net>

Create Short Url (POST)

Create short url for a long url provided

API : <http://{{url}}/api/shortme?url={{longurl}}>

Example :

http://{{url}}/api/shortme?url=https://www.amazon.in/Canon-EOS-200D-II-Digital/dp/B07RJWB548/ref=gbps_img_s-5_2299_b8ea221a?smid=A14CZOWI0VEHLG&pf_rd_p=f3aaeb13-62aa-445b-aeff-6ddd854a2299&pf_rd_s=slot-5&pf_rd_t=701&pf_rd_i=gb_main&pf_rd_m=A1VBAL9TL5WCBF&pf_rd_r=95V9CGVS7EHPKTGB_C9PY

Get complete details based on Short URL (GET)

Used to get complete record from ShortUrl

API : <http://{{url}}/api/getlongurl?url={{shortUrl}}>

Example:

<http://{{url}}/api/getlongurl?url=bqYIS>

Get Long Url from Short URL (GET)

Used to get Long URL from ShortUrl

API : <http://{{url}}/api/Url?shortUrl={{shortUrl}}>

Example:

<http://{{url}}/api/Url?shortUrl=bqYIS>

Redirect to Long Url from Short URL (GET)

Can redirect to long URI based on ShortUrl

API : <http://{{url}}/api/redirecttolongurl?url={{shorturl}}>

Example:

<http://{{url}}/api/redirecttolongurl?url=bqYIS>

<http://url-shortner-dev-as.azurewebsites.net/api/redirecttolongurl?url=bqYIS>

Delete Record of Short URL (DELETE)

Used to delete a short Url entry. Can be made to access by Authentication only in future.

API : <http://{{url}}/api/removeurl?url={shorturl}>

Example:

<http://{{url}}/api/removeurl?url=bqYIS1>

Azure DevOps

Build

The screenshot displays the Azure DevOps web interface for a build pipeline. The left sidebar shows the navigation menu with 'Builds' selected. The main area shows the 'Url-Shortner-dev-as - CI' pipeline with a list of build history entries.

Commit	Build #
updated DB. Rolling build for gaurava	20191015.6
validation added. Rolling build for gaurava	20191015.5
added url Encode. Manual build for Gaurav Ahuja	20191015.4
added url Encode. Manual build for Gaurav Ahuja	20191015.3
added url Encode. Rolling build for gaurava	20191015.2
updated code with same ShortUrl for Same LongURL Co... Rolling build for gaurava	20191015.1
done version1 Rolling build for gourav17	20191013.2
added shortl lrl search	

Release

dev.azure.com/gourav17/Url-Shortner/_release?_a=releases&view=mine&definitionId=1

Azure DevOps

gourav17 / Url-Shortner / Pipelines / Releases

Search

Url-Shortner

Overview

Boards

Repos

Pipelines

Builds

Releases

Library

Task groups

Deployment groups

Test Plans

Artifacts

Project settings

Search all pipelines

+ New

Url-Shortner-dev-as - CD

Dev

Url-Shortner-dev-as - CD

Releases Deployments Analytics

All releases

Releases Created Stages

Release-18	20191015.6	master	10/15/2019, 5:29:57 PM	Dev
Release-17	20191015.5	master	10/15/2019, 5:27:08 PM	Dev
Release-16	20191015.4	master	10/15/2019, 4:42:13 PM	Dev
Release-15	20191015.4	master	10/15/2019, 4:38:08 PM	Dev
Release-14	20191015.4	master	10/15/2019, 4:33:55 PM	Dev
Release-13	20191015.3	master	10/15/2019, 4:25:44 PM	Dev
Release-12	20191015.2	master	10/15/2019, 4:16:01 PM	Dev
Release-11	20191015.1	master	10/15/2019, 2:59:01 PM	Dev

Variable List

dev.azure.com/gourav17/Url-Shortner/_apps/hub/ms.vss-distributed-task.hub-library?itemType=VariableGroups&view=VariableGroupView&variableGroupId=1&path=Prod

Azure DevOps

gourav17 / Url-Shortner / Pipelines / Library

Search

Url-Shortner

Overview

Boards

Repos

Pipelines

Builds

Releases

Library

Task groups

Deployment groups

Test Plans

Artifacts

Project settings

Library > Prod

Variable group

Save Clone Security Help

Properties

Variable group name

Prod

Description

Allow access to all pipelines

Link secrets from an Azure key vault as variables

Variables

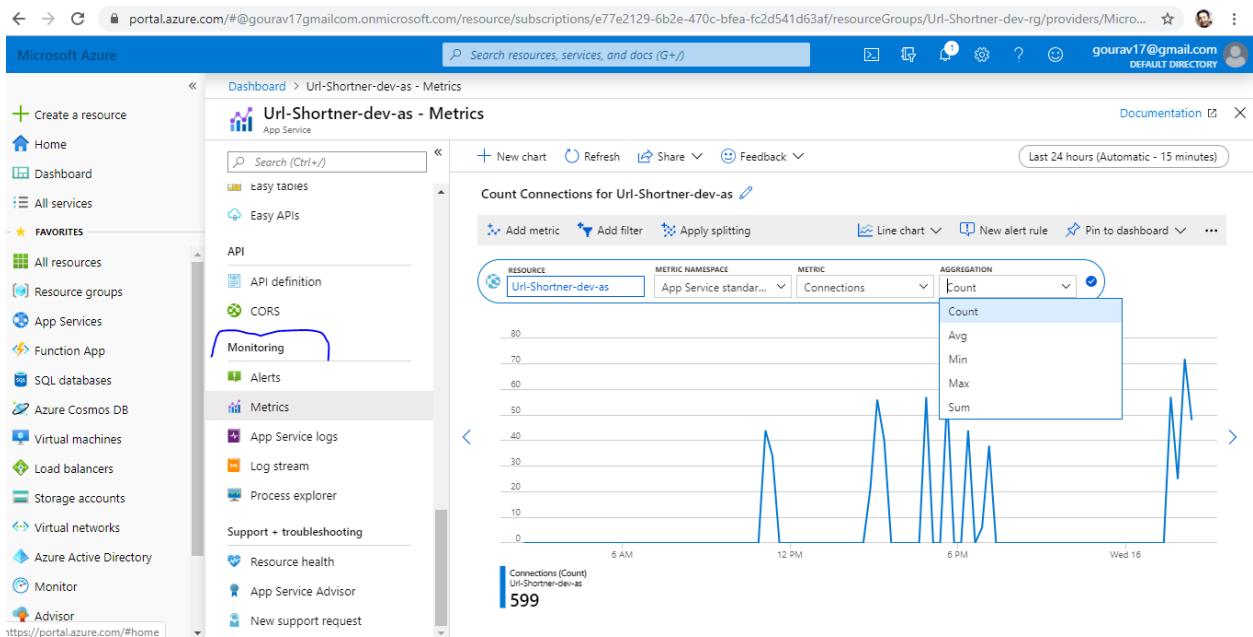
Name ↑	Value	
hostsites	https://url-shortner-dev-as.azurewebsites.net	

+ Add

Azure Server

The screenshot displays the Microsoft Azure portal interface. The left sidebar contains navigation options like 'Create a resource', 'Home', 'Dashboard', 'All services', and 'FAVORITES'. The main content area shows the 'Url-Shortner-dev-as' App Service overview. Key details include: Resource group (Url-Shortner-dev-rg), Status (Running), Location (West India), Subscription (e77e2129-6b2e-470c-bfea-fc2d541d63af), and URL (https://url-shortner-dev-as.azurewebsites.net). Below the overview, there are three tiles: 'Diagnose and solve problems', 'Application Insights', and 'App Service Advisor'.

Monitoring



Database

The screenshot displays the Microsoft Azure portal interface. The top navigation bar shows the user is logged in as 'gourav17@gmail.com'. The main content area is titled 'testdbsql (mydbserver1/testdbsql)' and shows the following details:

- Resource group:** (change) Url-Shortner-dev-rg
- Status:** Online
- Location:** East Asia
- Subscription:** (change) Free Trial
- Subscription ID:** e77e2129-6b2e-470c-bfea-fc2d541d63af
- Tags:** (change) [Click here to add tags](#)
- Server name:** mydbserver1.database.windows.net
- Elastic pool:** No elastic pool
- Connection strings:** [Show database connection strings](#)
- Pricing tier:** Basic
- Earliest restore point:** 2019-10-11 05:56 UTC

Below the details, there is a 'Compute utilization' section with a line chart showing usage over time. The chart is set to 'Show data for last: 1 hour' and 'View: Max'. The utilization is currently at 100%.