LaTeX Style for AWS Service and Resource Icons

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1 What is this?

LaTeX style (`awsicons.sty`) which allows you to use the AWS architectural icons in your LaTeX documents.

The AWS SVG icons are converted to LaTeX–compatible PDF form using Inkscape `Inkscape 1.0.1 (3bc2e813f5, 2020-09-07)` using the purpose–written Go program aws2tex.
This Go program, `aws2tex`, creates:

- `awsicons.sty` file
- LaTeX–compatible PDF versions of icons (and written to the `icons_tex` directory, using Inkscape).
- This document, which is to illustrate as well as index these icons and their corresponding LaTeX macros. **NB:** Not all icons are converted:
  - For *Resources*, only the `_Light` versions. The `_Dark` are omitted.
  - For *Services*, only the `_64` versions. The lower resolution `_16,_32,_48` are omitted.

  For instructions on how to generate this document with *all* icons, please see the instructions in the README.md at the github repo.
  This document is: https://github.com/gnewton/awsArchIcons2LaTeX/awsAllIcons.pdf

This document also includes hyperlinks to Google searches of the titles of each icon.

2 How to use it?

There are two parts:

1. `awsicons.sty` file
2. directory with all of the icons rendered into LaTeX compatible form (in the repo, this is: `icons_tex`).

All you need to do is use the package to your LaTeX document using `\usepackage` (after having added the `awsicons.sty` file to where LaTeX can see it, or put it in the same directory as your document) AND add the directory containing all the generated icons to the `\graphicspath{...}`.

For example:

```
% preamble
\usepackage{awsicons}
\graphicspath{../icons_tex/}
% after \begin{document}
Here is a 1cm API Gateway:
%\RAPIGatewayEndpoint{1cm}

Here is a 3cm Lambda function:
\RLambdaLambdaFunc{3cm}
```

Resulting in:

Here is a 1cm API Gateway: Here is a 3cm Lambda function:

[Without the gray background]

2.1 Examples

There are more complex examples in the examples directory, including one which recreates an AWS Architecture blog diagram.

- Simple example
- AWS Architecture blog diagram: *Building a Controlled Environment Agriculture Platform*[1], by Ashu Joshi, 2020.12.22.

3 Sources

The AWS Architecture icons used here are from `https://aws.amazon.com/architecture/icons/`.
The specific assets package used: assets/AWS-Architecture-Assets-For-Light-and-Dark-BG_20200911.478ff05b80f909792f7853b1a28de8e28eac67f4.zip

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Icons in this document (I believe) are: © Amazon Web Services (AWS)

[1] `https://aws.amazon.com/blogs/architecture/building-a-controlled-environment-agriculture-platform/`

4 Resources

API Gateway: Endpoint
Res_Amazon-API-Gateway_Endpoint_48_Light.pdf
Macro: \RAPIGatewayEndpoint

App Mesh Mesh
Res_AWS-App-Mesh-Mesh_48_Light.pdf
Macro: \RAppMeshMesh

App Mesh Virtual Node
Res_AWS-App-Mesh-Virtual-Node_48_Light.pdf
Macro: \RAppMeshVirtNode

App Mesh Virtual Router
Res_AWS-App-Mesh-Virtual-Router_48_Light.pdf
Macro: \RAppMeshVirtRouter

App Mesh Virtual Service
Res_AWS-App-Mesh-Virtual-Service_48_Light.pdf
Macro: \RAppMeshVirtSvc

App Mesh: Virtual Gateway
Res_App-Mesh_Virtual-Gateway_48_Light.pdf
Macro: \RAppMeshVirtGateway

Aurora: Amazon Aurora Instance alternate
Res_Amazon-Aurora_Amazon-Aurora-Instance-alternate_48_Light.pdf
Macro: \RAurAurInstalternate

Aurora: Amazon RDS Instance
Res_Amazon-Aurora_Amazon-RDS-Instance_48_Light.pdf
Macro: \RAurRDSInst

Aurora: Amazon RDS Instance Alternate
Res_Amazon-Aurora_Amazon-RDS-Instance-Aternate_48_Light.pdf
Macro: \RAurRDSInstAltern

Aurora: Instance
Res_Amazon-Aurora-Instance_48_Light.pdf
Macro: \RAurInst

Aurora: MariaDB Instance
Res_Amazon-Aurora-MariaDB-Instance_48_Light.pdf
Macro: \RAurMariaDBInst

Aurora: MariaDB Instance Alternate
Res_Amazon-Aurora-MariaDB-Instance-Alternate_48_Light.pdf
Macro: \RAurMariaDBInstAltern

Aurora: MySQL Instance
Res_Amazon-Aurora-MySQL-Instance_48_Light.pdf
Macro: \RAurMySQLInst

Aurora: MySQL Instance Alternate
Res_Amazon-Aurora-MySQL-Instance-Alternate_48_Light.pdf
Macro: \RAurMySQLInstAltern

Aurora: Oracle Instance
Res_Amazon-Aurora-Oracle-Instance_48_Light.pdf
Macro: \RAurOracleInst

Aurora: Oracle Instance Alternate
Res_Amazon-Aurora-Oracle-Instance-Alternate_48_Light.pdf
Macro: \RAurOracleInstAltern

Aurora: PIOPS
Res_Amazon-Aurora-PIOPS_48_Light.pdf
Macro: \RAurPIOPS

Aurora: PostgreSQL Instance
Res_Amazon-Aurora-PostgreSQL-Instance_48_Light.pdf
Macro: \RAurPostgreSQLInst

Aurora: PostgreSQL Instance Alternate
Res_Amazon-Aurora-PostgreSQL-Instance-Alternate_48_Light.pdf
Macro: \RAurPostgreSQLInstAltern

Aurora: SQL Server Instance
Res_Amazon-Aurora-SQL-Server-Instance_48_Light.pdf
Macro: \RAurSQLServerInst

Aurora: SQL Server Instance Alternate
Res_Amazon-Aurora-SQL-Server-Instance-Alternate_48_Light.pdf
Macro: \RAurSQLServerInstAltern

Certificate Manager: Certificate Authority
Res_AWS-Certificate-Manager_Certificate-Authority_48_Light.pdf
Macro: \RCertManCertAuth

Cloud Map Namespace
Res_AWS-Cloud-Map-Namespace_48_Light.pdf
Macro: \RCloudMapNamespace

Cloud Map Resource
Res_AWS-Cloud-Map-Resource_48_Light.pdf
Macro: \RCloudMapRes

Cloud Map: Service
Res_AWS-Cloud-Map_Service_48_Light.pdf
Macro: \RCloudMapSvc

Cloud9: Cloud9
Res_AWS-Cloud9_Cloud9_48_Light.pdf
Macro: \RCloudNineCloudNine

CloudFormation: Change Set
Res_AWS-CloudFormation_Change-Set_48_Light.pdf
Macro: \RCloudFormChangeSet

CloudFormation: Stack
Res_AWS-CloudFormation_Stack_48_Light.pdf
Macro: \RCloudFormStack

CloudFormation: Template
Res_AWS-CloudFormation_Template_48_Light.pdf
Macro: \RCloudFormTemplate

CloudFront: Download Distribution
Res_Amazon-CloudFront_Download-Distribution_48_Light.pdf
Macro: \RCloudFrontDownloadDistr

CloudFront: Edge Location
Res_Amazon-CloudFront_Edge-Location_48_Light.pdf
Macro: \RCloudFrontEdgeLocation

CloudFront: Streaming Distribution
Res_Amazon-CloudFront_Streaming-Distribution_48_Light.pdf
Macro: \RCloudFrontStreamingDistr

CloudSearch: Search Documents
Res_Amazon-CloudSearch_Search-Documents_48_Light.pdf
Macro: \RCloudSearchSearchDocuments

Cloudwatch: Alarm
Res_Amazon-Cloudwatch_Alarm_48_Light.pdf
Macro: \RCloudwatchAlarm

Cloudwatch: Event Based
Res_Amazon-Cloudwatch_Event-Based_48_Light.pdf
Macro: \RCloudwatchEventBased

Cloudwatch: Event Time Based
Res_Amazon-Cloudwatch_Event-Time-Based_48_Light.pdf
Macro: \RCloudwatchEventTimeBased

Cloudwatch: Logs
Res_Cloudwatch_Logs_48_Light.pdf
Macro: \RCloudwatchLogs

Cloudwatch: Rule
Res_Amazon-Cloudwatch_Rule_48_Light.pdf
Macro: \RCloudwatchRule

Database Migration Service: Database migration workflow job
Res_AWS-Database-Migration-Service_Database-migration-workflow-job_48_Light.pdf
Macro: \RDBMigratSvcDBmigrationworkflowjob

Datasync: Agent
Res_AWS-Datasync_Agent_48_Light.pdf
Macro: \RDatasyncAgent

Direct Connect Gateway
Res_AWS-Direct-Connect-Gateway_48_Light.pdf
Macro: \RDirectConnectGateway

Directory Service: AD Connector
Res_AWS-Directory-Service_AD-Connector_48_Light.pdf
Macro: \RDirSvcADConnector

Directory Service: AWS Managed Microsoft AD
Res_AWS-Directory-Service_AWS-Managed-Microsoft-AD_48_Light.pdf
Macro: \RDirSvcMngdMSAD

Directory Service: Simple AD
Res_AWS-Directory-Service_Simple-AD_48_Light.pdf
Macro: \RDirSvcSimpleAD

DynamoDB: Amazon DynamoDB Accelerator
Res_Amazon-DynamoDB_Amazon-DynamoDB-Accelerator_48_Light.pdf
Macro: \RDDBDDBAccelerator

DynamoDB: Attribute
Res_Amazon-DynamoDB_Attribute_48_Light.pdf
Macro: \RDDBAtt

DynamoDB: Attributes
Res_Amazon-DynamoDB_Attributes_48_Light.pdf
Macro: \RDDBAtts

DynamoDB: Global secondary index
Res_Amazon-DynamoDB_Global-secondary-index_48_Light.pdf
Macro: \RDDBGlblsecondaryindex

DynamoDB: Item
Res_Amazon-DynamoDB_Item_48_Light.pdf
Macro: \RDDBItem

DynamoDB: Items
Res_Amazon-DynamoDB_Items_48_Light.pdf
Macro: \RDDBItems

DynamoDB: Table
Res_Amazon-DynamoDB_Table_48_Light.pdf
Macro: \RDDBTable

EC2: A1 Instance
Res_Amazon-EC2_A1-Instance_48_Light.pdf
Macro: \RECTwoAOneInst

EC2: AMI: Resource
Res_Amazon-EC2_AMI_Resource_48_Light.pdf
Macro: \RECTwoAMIRes

EC2: AWS Inferentia
Res_Amazon-EC2_AWS-Inferentia_48_Light.pdf
Macro: \RECTwoInferentia

EC2: Auto Scaling
Res_Amazon-EC2_Auto-Scaling_48_Light.pdf
Macro: \RECTwoAutoScaling

EC2: C4 Instance
Res_Amazon-EC2_C4-Instance_48_Light.pdf
Macro: \RECTwoCFourInst

EC2: C5 Instance
Res_Amazon-EC2_C5-Instance_48_Light.pdf
Macro: \RECTwoCFiveInst

EC2: C5n Instance
Res_Amazon-EC2_C5n-Instance_48_Light.pdf
Macro: \RECTwoCFivenInst

EC2: C6g Instance
Res_Amazon-EC2_C6g-Instance_48_Light.pdf
Macro: \RECTwoCSixgInst

EC2: D2 Instance
Res_Amazon-EC2_D2-Instance_48_Light.pdf
Macro: \RECTwoDTwoInst

EC2: DB Instance
Res_Amazon-EC2_DB-Instance_48_Light.pdf
Macro: \RECTwoDBInst

EC2: Elastic IP Address
Res_Amazon-EC2_Elastic-IP-Address_48_Light.pdf
Macro: \RECTwoElasticIPAddress

EC2: F1 Instance
Res_Amazon-EC2_F1-Instance_48_Light.pdf
Macro: \RECTwoFOneInst

EC2: G3 Instance
Res_Amazon-EC2_G3-Instance_48_Light.pdf
Macro: \RECTwoGThreeInst

EC2: H1 Instance
Res_Amazon-EC2_H1-Instance_48_Light.pdf
Macro: \RECTwoHOneInst

EC2: HMI Instance
Res_Amazon-EC2_HMI-Instance_48_Light.pdf
Macro: \RECTwoHMIInst

EC2: I3 Instance
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Macro: \RECTwoIThreeInst

EC2: Instance
Res_Amazon-EC2_Instance_48_Light.pdf
Macro: \RECTwoInst

EC2: Instance with CloudWatch
Res_Amazon-EC2_Instance-with-CloudWatch_48_Light.pdf
Macro: \RECTwoInstwithCloudWatch

EC2: Instances
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Macro: \RECTwoInsts

EC2: M4 Instance
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Macro: \RECTwoMFourInst

EC2: M5 Instance
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Macro: \RECTwoMFiveInst

EC2: M5a Instance
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Macro: \RECTwoMFiveaInst

EC2: M5n Instance
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Macro: \RECTwoMFivenInst

EC2: M6g Instance
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Macro: \RECTwoMSixgInst

EC2: P2 Instance
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Macro: \RECTwoPTwoInst

EC2: P3 Instance
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Macro: \RECTwoPThreeInst

EC2: R4 Instance
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Macro: \RECTwoRFivenInst

EC2: R6g Instance
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Macro: \RECTwoRSixgInst

EC2: Rescue
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Macro: \RECTwoRescue

EC2: Spot Instance
Res_Amazon-EC2_Spot-Instance_48_Light.pdf
Macro: \RECTwoSpotInst

EC2: T2 Instance
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Macro: \RECTwoTTwoInst

EC2: T3 Instance
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Macro: \RECTwoTThreeInst

EC2: X1 Instance
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Macro: \RECTwoXOneInst

EC2: X1e Instance
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Macro: \RECTwoXOneeInst

EC2: z1d Instance
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Macro: \RECTwozOnedInst

EMR: Cluster
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Macro: \REMRCluster

EMR: EMR Engine
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Macro: \REMREMREngine

EMR: EMR Engine MapR M3
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Macro: \REMREMREngineMapRMThree

EMR: EMR Engine MapR M5
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Macro: \REMREMREngineMapRMFive

EMR: EMR Engine MapR M7
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Macro: \REMREMREngineMapRMSeven

EMR: HDFS Cluster
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Macro: \REMRHDFSCluster

ElastiCache: Cache Node
Res_Amazon-ElastiCache_Cache-Node_48_Light.pdf
Macro: \RElastiCacheCacheNode

ElastiCache: ElastiCache for Memcached
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Macro: \RElastiCacheElastiCacheforMemcached

ElastiCache: ElastiCache for Redis
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Macro: \RElastiCacheElastiCacheforRedis

Elastic Beanstalk: Application
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Macro: \REBApp

Elastic Beanstalk: Deployment
Res_Amazon-Elastic-Beanstalk_Deployment_48_Light.pdf
Macro: \REBDeployment

Elastic Block Store: Multiple Volumes
Res_Amazon-Elastic-Block-Store_Multiple-Volumes_48_Light.pdf
Macro: \REBSMultVols

Elastic Block Store: Snapshot
Res_Amazon-Elastic-Block-Store_Snapshot_48_Light.pdf
Macro: \REBSSnapshot

Elastic Block Store: Volume
Res_Amazon-Elastic-Block-Store_Volume_48_Light.pdf
Macro: \REBSVol

Elastic Container Registry: Image
Res_Amazon-Elastic-Container-Registry_Image_48_Light.pdf
Macro: \RECRImg

Elastic Container Registry: Registry
Res_Amazon-Elastic-Container-Registry_Registry_48_Light.pdf
Macro: \RECRReg

Elastic Container Service: Container 1
Res_Amazon-Elastic-Container-Service_Container-1_48_Light.pdf
Macro: \RECSContainerOne

Elastic Container Service: Container 2
Res_Amazon-Elastic-Container-Service_Container-2_48_Light.pdf
Macro: \RECSContainerTwo

Elastic Container Service: Container 3
Res_Amazon-Elastic-Container-Service_Container-3_48_Light.pdf
Macro: \RECSContainerThree

Elastic Container Service: Service
Res_Amazon-Elastic-Container-Service_Service_48_Light.pdf
Macro: \RECSSvc

Elastic Container Service: Task
Res_Amazon-Elastic-Container-Service_Task_48_Light.pdf
Macro: \RECSTask

Elastic File System: File System
Res_Amazon-Elastic-File-System_File-System_48_Light.pdf
Macro: \REFSFileSystem

Elastic Load Balancing: Application Load Balancer
Res_Elastic-Load-Balancing_Application-Load-Balancer_48_Light.pdf
Macro: \RELBAppLB

Elastic Load Balancing: Classic Load Balancer
Res_Elastic-Load-Balancing_Classic-Load-Balancer_48_Light.pdf
Macro: \RELBClassicLB

Elastic Load Balancing: Network Load Balancer
Res_Elastic-Load-Balancing_Network-Load-Balancer_48_Light.pdf
Macro: \RELBNetworkLB

Email
Res_Email_48_Light.pdf
Macro: \REmail

EventBridge Event
Res_Amazon-EventBridge-Event_48_Light.pdf
Macro: \REvBrEvent

EventBridge Rule
Res_Amazon-EventBridge-Rule_48_Light.pdf
Macro: \REvBrRule

EventBridge Saas Partner Event
Res_Amazon-EventBridge-Saas-Partner-Event_48_Light.pdf
Macro: \REvBrSaasPartnerEvent

EventBridge: Custom Event Bus
Res_Amazon-EventBridge_Custom-Event-Bus_48_Light.pdf
Macro: \REvBrCustomEventBus

EventBridge: Default Event Bus
Res_Amazon-EventBridge_Default-Event-Bus_48_Light.pdf
Macro: \REvBrDfltEventBus

Firewall
Res_Firewall_48_Light.pdf
Macro: \RFirewall

Glue: Crawler
Res_AWS-Glue_Crawler_48_Light.pdf
Macro: \RGlueCrawler

Glue: Data Catalog
Res_AWS-Glue_Data-Catalog_48_Light.pdf
Macro: \RGlueDataCatalog

Identity Access Management: AWS IAM Access Analyzer
Res_AWS-Identity-Access-Management_AWS-IAM-Access-Analyzer_48_Light.pdf
Macro: \RIAMIAMAccessAnalyzer

Identity Access Management: AWS STS
Res_AWS-Identity-Access-Management_AWS-STS_48_Light.pdf
Macro: \RIAMSTS

Identity Access Management: AWS STS Alternate
Res_AWS-Identity-Access-Management_AWS-STS-Alternate_48_Light.pdf
Macro: \RIAMSTSAltern

Identity Access Management: Add on
Res_AWS-Identity-Access-Management_Add-on_48_Light.pdf
Macro: \RIAMAddon

Identity Access Management: Data Encryption Key
Res_AWS-Identity-Access-Management_Data-Encryption-Key_48_Light.pdf
Macro: \RIAMDataEncrKey

Identity Access Management: Encrypted Data
Res_AWS-Identity-Access-Management_Encrypted-Data_48_Light.pdf
Macro: \RIAMEncrdData

Identity Access Management: Long Term Security Credential
Res_AWS-Identity-Access-Management_Long-Term-Security-Credential_48_Light.pdf
Macro: \RIAMLongTermSecCred

Identity Access Management: MFA Token
Res_AWS-Identity-Access-Management_MFA-Token_48_Light.pdf
Macro: \RIAMMFAToken

Identity Access Management: Permissions
Res_AWS-Identity-Access-Management_Permissions_48_Light.pdf
Macro: \RIAMPermissions

Identity Access Management: Role
Res_AWS-Identity-Access-Management_Role_48_Light.pdf
Macro: \RIAMRole

Identity Access Management: Temporary Security Credential
Res_AWS-Identity-Access-Management_Temporary-Security-Credential_48_Light.pdf
Macro: \RIAMTemporarySecCred

Inspector: Agent
Res_Amazon-Inspector_Agent_48_Light.pdf
Macro: \RInspectorAgent

IoT Analytics: Channel
Res_AWS-IoT-Analytics_Channel_48_Light.pdf
Macro: \RIoTAnalyticsChannel

IoT Analytics: Data Set
Res_AWS-IoT-Analytics_Data-Set_48_Light.pdf
Macro: \RIoTAnalyticsDataSet

IoT Analytics: Data Store
Res_AWS-IoT-Analytics_Data-Store_48_Light.pdf
Macro: \RIoTAnalyticsDataStore

IoT Analytics: Notebook
Res_AWS-IoT-Analytics_Notebook_48_Light.pdf
Macro: \RIoTAnalyticsNotebook

IoT Analytics: Pipeline
Res_AWS-IoT-Analytics_Pipeline_48_Light.pdf
Macro: \RIoTAnalyticsPipeline

IoT Device Defender: IoT Device Jobs
Res_AWS-IoT-Device-Defender_IoT-Device-Jobs_48_Light.pdf
Macro: \RIoTDevDefenderIoTDevJobs

IoT Greengrass: Connector
Res_AWS-IoT-Greengrass_Connector_48_Light.pdf
Macro: \RIoTGreengrassConnector

IoT HTTP: Protocol
Res_IoT-HTTP_Protocol_48_Light.pdf
Macro: \RIoTHTTPProtocol

IoT Hardware Board
Res_IoT-Hardware-Board_48_Light.pdf
Macro: \RIoTHardwareBoard

IoT MQTT: Protocol
Res_IoT-MQTT_Protocol_48_Light.pdf
Macro: \RIoTMQTTProtocol

IoT Rule
Res_IoT-Rule_48_Light.pdf
Macro: \RIoTRule

IoT Thing: Bank
Res_IoT-Thing_Bank_48_Light.pdf
Macro: \RIoTThngBank

IoT Thing: Bicycle
Res_IoT-Thing_Bicycle_48_Light.pdf
Macro: \RIoTThngBicycle

IoT Thing: Camera
Res_IoT-Thing_Camera_48_Light.pdf
Macro: \RIoTThngCamera

IoT Thing: Car
Res_IoT-Thing_Car_48_Light.pdf
Macro: \RIoTThngCar

IoT Thing: Cart
Res_IoT-Thing_Cart_48_Light.pdf
Macro: \RIoTThngCart

IoT Thing: Coffee Pot
Res_IoT-Thing_Coffee-Pot_48_Light.pdf
Macro: \RIoTThngCoffeePot

IoT Thing: Door Lock
Res_IoT-Thing_Door-Lock_48_Light.pdf
Macro: \RIoTThngDoorLock

IoT Thing: Factory
Res_IoT-Thing_Factory_48_Light.pdf
Macro: \RIoTThngFactory

IoT Thing: Generic
Res_IoT-Thing_Generic_48_Light.pdf
Macro: \RIoTThngGeneric

IoT Thing: House
Res_IoT-Thing_House_48_Light.pdf
Macro: \RIoTThngHouse

IoT Thing: Lightbulb
Res_IoT-Thing_Lightbulb_48_Light.pdf
Macro: \RIoTThngLightbulb

IoT Thing: Medical Emergency
Res_IoT-Thing_Medical-Emergency_48_Light.pdf
Macro: \RIoTThngMedEmerg

IoT Thing: Police Emergency
Res_IoT-Thing_Police-Emergency_48_Light.pdf
Macro: \RIoTThngPoliceEmerg

IoT Thing: Thermostat
Res_IoT-Thing_Thermostat_48_Light.pdf
Macro: \RIoTThngThermostat

IoT Thing: Travel
Res_IoT-Thing_Travel_48_Light.pdf
Macro: \RIoTThngTravel

IoT Thing: Utility
Res_IoT-Thing_Utility_48_Light.pdf
Macro: \RIoTThngUtility

IoT Thing: Windfarm
Res_IoT-Thing_Windfarm_48_Light.pdf
Macro: \RIoTThngWindfarm

IoT: Action
Res_IoT_Action_48_Light.pdf
Macro: \RIoTAction

IoT: Actuator
Res_IoT_Actuator_48_Light.pdf
Macro: \RIoTActuator

IoT: Alexa: Enabled Device
Res_IoT_Alexa_Enabled-Device_48_Light.pdf
Macro: \RIoTAlexaEnabledDev

IoT: Alexa: Skill
Res_IoT_Alexa_Skill_48_Light.pdf
Macro: \RIoTAlexaSkill

IoT: Alexa: Voice Service
Res_IoT_Alexa_Voice-Service_48_Light.pdf
Macro: \RIoTAlexaVoiceSvc

IoT: Certificate
Res_IoT_Certificate_48_Light.pdf
Macro: \RIoTCert

IoT: Desired State
Res_IoT_Desired-State_48_Light.pdf
Macro: \RIoTDesiredState

IoT: Device Gateway
Res_IoT_Device-Gateway_48_Light.pdf
Macro: \RIoTDevGateway

IoT: Echo
Res_IoT_Echo_48_Light.pdf
Macro: \RIoTEcho

IoT: Fire TV: Stick
Res_IoT_Fire-TV_Stick_48_Light.pdf
Macro: \RIoTFireTVStick

IoT: Fire: TV
Res_IoT_Fire_TV_48_Light.pdf
Macro: \RIoTFireTV

IoT: HTTP2 Protocol
Res_IoT_HTTP2-Protocol_48_Light.pdf
Macro: \RIoTHTTPTwoProtocol

IoT: Lambda: Function
Res_IoT_Lambda_Function_48_Light.pdf
Macro: \RIoTLambdaFunc

IoT: Over Air Update
Res_IoT_Over-Air-Update_48_Light.pdf
Macro: \RIoTOverAirUpdate

IoT: Policy
Res_IoT_Policy_48_Light.pdf
Macro: \RIoTPolicy

IoT: Reported State
Res_IoT_Reported-State_48_Light.pdf
Macro: \RIoTReportedState

IoT: Sensor
Res_IoT_Sensor_48_Light.pdf
Macro: \RIoTSensor

IoT: Servo
Res_IoT_Servo_48_Light.pdf
Macro: \RIoTServo

IoT: Shadow
Res_IoT_Shadow_48_Light.pdf
Macro: \RIoTShadow

IoT: Simulator
Res_IoT_Simulator_48_Light.pdf
Macro: \RIoTSimulator

IoT: Topic
Res_IoT_Topic_48_Light.pdf
Macro: \RIoTTopic

Lake Formation: Data Lake
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Lambda: Lambda Function
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Managed Blockchain: Blockchain
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Organizations: Organizational Unit
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RoboMaker: Cloud Extensions ROS
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RoboMaker: Development Environment
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Security Hub: Finding
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System Manager: Documents
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System Manager: Inventory
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System Manager: Maintenance Windows
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System Manager: OpsCenter
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System Manager: Parameter Store
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System Manager: Run Command
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System Manager: State Manager
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Transfer Family: AWS FTP
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Transfer Family: AWS FTPS
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Transfer Family: AWS SFTP
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Trusted Advisor: Checklist
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VPC: NAT Gateway
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VPC: Network Access Control List
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VPC: Peering Connection
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VPC: VPN Connection
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VPC: VPN Gateway
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Macro: \RVPCVPNGateway

WAF: Filtering Rule
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5 Services

API Gateway
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Application Discovery Service
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Amplify Console
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Cloud Development Kit
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Cloud Trail
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IQ
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A Mapping of icon names to macros names

In order to have reasonably short macro names, the following mappings have been made by `aws2tex`, being careful not to introduce any naming collisions. In addition, LaTeX macros cannot contain numbers, so all numbers have been mapped to words, i.e. 1 → One, 5 → Five, etc. The below mappings are applied in order, followed by the number mappings.

1. CertificateManager → CertMan
2. ApplicationDiscoveryService → ADS
3. CommandLineInterface → CLI
4. CostandUsageReport → CostUseRep
5. CloudFormation → CloudForm
6. KeyManagementServices → KMS
7. ElasticBlockStore → EBS
8. ElasticContainerRegistry → ECR
9. ElasticBeanstalk → EB
10. ElasticContainerService → ECS
11. ElasticLoadBalancing → ELB
12. IdentityAccessManagement → IAM
13. ElasticContainerKubernetes → ECK
14. ElasticFileSystem → EFS
15. ElasticNetworkAdapter → ENA
16. ElasticNetworkInterface → ENI
17. VirtualPrivateCloud → VPN
18. IdentityandAccessManagement → IAM
19. ServerlessApplicationRepository → SvlsAppRepo
20. OpsWorks → OpWk
21. SnowballSnowball → Snowball
22. Encryption → Encr
23. Encrypted → Encrd
24. Thing → Thng
25. Medical → Med
26. Compute → Cmput
27. Simulation → Simul
28. Notification → Notif
29. Object → Obj
30. General → Gen
31. Vault → Vlt
32. Archive → Archv
33. Application → App
34. Replication → Repli
35. Points → Pts
36. Intelligent → Intell
37. TrainingCertification → TrainCert
38. Kinesis → Kin
39. Aurora → Aur
40. Alternate → Altern
41. Amazon →
42. AWS →
43. PersonalHealthDashboard → PersHlthDbrd
44. Manager → Mngr
45. License → Licns
46. EventBridge → EvBr
47. Route53 → Rt53
48. DynamoDB → DDB
49. Bucket → Bkt
50. SimpleNotificationService → SNS
51. SimpleQueueService → SQS
52. StorageGateway → StorGat
53. SystemManager → SysMgr
54. LoadBalancer → LB
55. Migration → Migrat
56. TransferFamily → TranFam
57. TrustedAdvisor → TrusTAdv
58. Certificate → Cert
59. Recovery → Recov
60. Resource → Res
61. Global → Glbl
62. Multiple → Mult
63. Volumes → Vols
64. Volume → Vol
65. Default → Dflt
66. Image → Img
67. Registry → Reg
68. Elemental → Elem
69. Managed → Mngd
70. Microsoft → MS
71. Development → Dev
72. Device → Dev
73. Database → DB
74. ThinkBox → TB
75. Authority → Auth
76. Distribution → Distr
77. Directory → Dir
78. Instance → Inst
79. Virtual → Virt
80. Database → DB
81. Attributes → Atts
82. Attribute → Att
83. Security → Sec
84. Service → Svc
85. Credential → Cred
86. Emergency → Emerg
87. Function → Func
88. Organizational → Org
89. SThreeSThree → SThree

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