

Package ‘paws.analytics’

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Title Amazon Web Services Analytics Services

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Description Interface to Amazon Web Services 'analytics' services, including 'Elastic MapReduce' 'Hadoop' and 'Spark' big data service, 'Elasticsearch' search engine, and more <<https://aws.amazon.com/>>.

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BugReports <https://github.com/paws-r/paws/issues>

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'cloudsearchdomain_interfaces.R'
'cloudsearchdomain_operations.R' 'datapipeline_service.R'
'datapipeline_interfaces.R' 'datapipeline_operations.R'
'elasticsearchservice_service.R'
'elasticsearchservice_interfaces.R'
'elasticsearchservice_operations.R' 'emr_service.R'
'emr_interfaces.R' 'emr_operations.R' 'firehose_service.R'
'firehose_interfaces.R' 'firehose_operations.R'
'glue_service.R' 'glue_interfaces.R' 'glue_operations.R'
'kafka_service.R' 'kafka_interfaces.R' 'kafka_operations.R'
'kinesis_service.R' 'kinesis_interfaces.R'
'kinesis_operations.R' 'kinesisanalytics_service.R'
'kinesisanalytics_interfaces.R' 'kinesisanalytics_operations.R'
'kinesisanalyticsv2_service.R'
'kinesisanalyticsv2_interfaces.R'
'kinesisanalyticsv2_operations.R' 'mturk_service.R'

```
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'quicksight_service.R' 'quicksight_interfaces.R'
'quicksight_operations.R'
```

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Author David Kretch [aut, cre],
Adam Banker [aut],
Amazon.com, Inc. [cph]

Maintainer David Kretch <david.kretch@gmail.com>

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athena	<i>Amazon Athena</i>
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Description

Amazon Athena is an interactive query service that lets you use standard SQL to analyze data directly in Amazon S3. You can point Athena at your data in Amazon S3 and run ad-hoc queries and get results in seconds. Athena is serverless, so there is no infrastructure to set up or manage. You pay only for the queries you run. Athena scales automatically—executing queries in parallel—so results are fast, even with large datasets and complex queries. For more information, see [What is Amazon Athena](#) in the *Amazon Athena User Guide*.

If you connect to Athena using the JDBC driver, use version 1.1.0 of the driver or later with the Amazon Athena API. Earlier version drivers do not support the API. For more information and to download the driver, see [Accessing Amazon Athena with JDBC](#).

For code samples using the AWS SDK for Java, see [Examples and Code Samples](#) in the *Amazon Athena User Guide*.

Usage

```
athena(config = list())
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- athena(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

Operations

batch_get_named_query	Returns the details of a single named query or a list of up to 50 queries, which you provide as an array.
batch_get_query_execution	Returns the details of a single query execution or a list of up to 50 query executions, which you provide as an array.
create_data_catalog	Creates (registers) a data catalog with the specified name and properties.
create_named_query	Creates a named query in the specified workgroup.
create_work_group	Creates a workgroup with the specified name.
delete_data_catalog	Deletes a data catalog.
delete_named_query	Deletes the named query if you have access to the workgroup in which the query was saved.
delete_work_group	Deletes the workgroup with the specified name.
get_database	Returns a database object for the specified database and data catalog.
get_data_catalog	Returns the specified data catalog.
get_named_query	Returns information about a single query.
get_query_execution	Returns information about a single execution of a query if you have access to the workgroup in which the query was saved.
get_query_results	Streams the results of a single query execution specified by QueryExecutionId from the Athena console.
get_table_metadata	Returns table metadata for the specified catalog, database, and table.
get_work_group	Returns information about the workgroup with the specified name.
list_databases	Lists the databases in the specified data catalog.
list_data_catalogs	Lists the data catalogs in the current AWS account.
list_named_queries	Provides a list of available query IDs only for queries saved in the specified workgroup.
list_query_executions	Provides a list of available query execution IDs for the queries in the specified workgroup.
list_table_metadata	Lists the metadata for the tables in the specified data catalog database.
list_tags_for_resource	Lists the tags associated with an Athena workgroup or data catalog resource.
list_work_groups	Lists available workgroups for the account.

start_query_execution	Runs the SQL query statements contained in the Query
stop_query_execution	Stops a query execution
tag_resource	Adds one or more tags to an Athena resource
untag_resource	Removes one or more tags from a data catalog or workgroup resource
update_data_catalog	Updates the data catalog that has the specified name
update_work_group	Updates the workgroup with the specified name

Examples

```
## Not run:
svc <- athena()
svc$batch_get_named_query(
  Foo = 123
)

## End(Not run)
```

cloudsearch	<i>Amazon CloudSearch</i>
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Description

Amazon CloudSearch Configuration Service

You use the Amazon CloudSearch configuration service to create, configure, and manage search domains. Configuration service requests are submitted using the AWS Query protocol. AWS Query requests are HTTP or HTTPS requests submitted via HTTP GET or POST with a query parameter named Action.

The endpoint for configuration service requests is region-specific: `cloudsearch.region.amazonaws.com`. For example, `cloudsearch.us-east-1.amazonaws.com`. For a current list of supported regions and endpoints, see [Regions and Endpoints](#).

Usage

```
cloudsearch(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```

svc <- cloudsearch(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)

```

Operations

build_suggesters	Indexes the search suggestions
create_domain	Creates a new search domain
define_analysis_scheme	Configures an analysis scheme that can be applied to a text or text-array field to define I
define_expression	Configures an Expression for the search domain
define_index_field	Configures an IndexField for the search domain
define_suggester	Configures a suggester for a domain
delete_analysis_scheme	Deletes an analysis scheme
delete_domain	Permanently deletes a search domain and all of its data
delete_expression	Removes an Expression from the search domain
delete_index_field	Removes an IndexField from the search domain
delete_suggester	Deletes a suggester
describe_analysis_schemes	Gets the analysis schemes configured for a domain
describe_availability_options	Gets the availability options configured for a domain
describe_domain_endpoint_options	Returns the domain's endpoint options, specifically whether all requests to the domain r
describe_domains	Gets information about the search domains owned by this account
describe_expressions	Gets the expressions configured for the search domain
describe_index_fields	Gets information about the index fields configured for the search domain
describe_scaling_parameters	Gets the scaling parameters configured for a domain
describe_service_access_policies	Gets information about the access policies that control access to the domain's document
describe_suggesters	Gets the suggesters configured for a domain
index_documents	Tells the search domain to start indexing its documents using the latest indexing options
list_domain_names	Lists all search domains owned by an account
update_availability_options	Configures the availability options for a domain
update_domain_endpoint_options	Updates the domain's endpoint options, specifically whether all requests to the domain r
update_scaling_parameters	Configures scaling parameters for a domain
update_service_access_policies	Configures the access rules that control access to the domain's document and search end

Examples

```
## Not run:
svc <- cloudsearch()
svc$build_suggesters(
  Foo = 123
)

## End(Not run)
```

cloudsearchdomain	<i>Amazon CloudSearch Domain</i>
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Description

You use the AmazonCloudSearch2013 API to upload documents to a search domain and search those documents.

The endpoints for submitting UploadDocuments, Search, and Suggest requests are domain-specific. To get the endpoints for your domain, use the Amazon CloudSearch configuration service DescribeDomains action. The domain endpoints are also displayed on the domain dashboard in the Amazon CloudSearch console. You submit suggest requests to the search endpoint.

For more information, see the [Amazon CloudSearch Developer Guide](#).

Usage

```
cloudsearchdomain(config = list())
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- cloudsearchdomain(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

Operations

search	Retrieves a list of documents that match the specified search criteria
suggest	Retrieves autocomplete suggestions for a partial query string
upload_documents	Posts a batch of documents to a search domain for indexing

Examples

```
## Not run:
svc <- cloudsearchdomain()
svc$search(
  Foo = 123
)

## End(Not run)
```

datapipeline

AWS Data Pipeline

Description

AWS Data Pipeline configures and manages a data-driven workflow called a pipeline. AWS Data Pipeline handles the details of scheduling and ensuring that data dependencies are met so that your application can focus on processing the data.

AWS Data Pipeline provides a JAR implementation of a task runner called AWS Data Pipeline Task Runner. AWS Data Pipeline Task Runner provides logic for common data management scenarios, such as performing database queries and running data analysis using Amazon Elastic MapReduce (Amazon EMR). You can use AWS Data Pipeline Task Runner as your task runner, or you can write your own task runner to provide custom data management.

AWS Data Pipeline implements two main sets of functionality. Use the first set to create a pipeline and define data sources, schedules, dependencies, and the transforms to be performed on the data. Use the second set in your task runner application to receive the next task ready for processing. The logic for performing the task, such as querying the data, running data analysis, or converting the data from one format to another, is contained within the task runner. The task runner performs the task assigned to it by the web service, reporting progress to the web service as it does so. When the task is done, the task runner reports the final success or failure of the task to the web service.

Usage

```
datapipeline(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```

svc <- datapipeline(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)

```

Operations

activate_pipeline	Validates the specified pipeline and starts processing pipeline tasks
add_tags	Adds or modifies tags for the specified pipeline
create_pipeline	Creates a new, empty pipeline
deactivate_pipeline	Deactivates the specified running pipeline
delete_pipeline	Deletes a pipeline, its pipeline definition, and its run history
describe_objects	Gets the object definitions for a set of objects associated with the pipeline
describe_pipelines	Retrieves metadata about one or more pipelines
evaluate_expression	Task runners call EvaluateExpression to evaluate a string in the context of the specified object
get_pipeline_definition	Gets the definition of the specified pipeline
list_pipelines	Lists the pipeline identifiers for all active pipelines that you have permission to access
poll_for_task	Task runners call PollForTask to receive a task to perform from AWS Data Pipeline
put_pipeline_definition	Adds tasks, schedules, and preconditions to the specified pipeline
query_objects	Queries the specified pipeline for the names of objects that match the specified set of conditions
remove_tags	Removes existing tags from the specified pipeline
report_task_progress	Task runners call ReportTaskProgress when assigned a task to acknowledge that it has the task
report_task_runner_heartbeat	Task runners call ReportTaskRunnerHeartbeat every 15 minutes to indicate that they are operating
set_status	Requests that the status of the specified physical or logical pipeline objects be updated in the pipeline
set_task_status	Task runners call SetTaskStatus to notify AWS Data Pipeline that a task is completed and provide progress
validate_pipeline_definition	Validates the specified pipeline definition to ensure that it is well formed and can be run without errors

Examples

```

## Not run:
svc <- datapipeline()
svc$activate_pipeline(
  Foo = 123
)

```



```
## End(Not run)
```

elasticsearchservice *Amazon Elasticsearch Service*

Description

Amazon Elasticsearch Configuration Service

Use the Amazon Elasticsearch Configuration API to create, configure, and manage Elasticsearch domains.

For sample code that uses the Configuration API, see the [Amazon Elasticsearch Service Developer Guide](#). The guide also contains [sample code for sending signed HTTP requests to the Elasticsearch APIs](#).

The endpoint for configuration service requests is region-specific: `es.region.amazonaws.com`. For example, `es.us-east-1.amazonaws.com`. For a current list of supported regions and endpoints, see [Regions and Endpoints](#).

Usage

```
elasticsearchservice(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- elasticsearchservice(  
  config = list(  
    credentials = list(  
      creds = list(  
        access_key_id = "string",  
        secret_access_key = "string",  
        session_token = "string"  
      ),  
      profile = "string"  
    ),  
    endpoint = "string",  
    region = "string"  
  )  
)
```

Operations

<code>accept_inbound_cross_cluster_search_connection</code>	Allows the destination domain owner to accept an inbound cross-cluster search connection
<code>add_tags</code>	Attaches tags to an existing Elasticsearch domain
<code>associate_package</code>	Associates a package with an Amazon ES domain
<code>cancel_elasticsearch_service_software_update</code>	Cancels a scheduled service software update for an Amazon ES domain
<code>create_elasticsearch_domain</code>	Creates a new Elasticsearch domain
<code>create_outbound_cross_cluster_search_connection</code>	Creates a new cross-cluster search connection from a source domain to a destination domain
<code>create_package</code>	Create a package for use with Amazon ES domains
<code>delete_elasticsearch_domain</code>	Permanently deletes the specified Elasticsearch domain and all of its associated resources
<code>delete_elasticsearch_service_role</code>	Deletes the service-linked role that Elasticsearch Service uses to manage domains
<code>delete_inbound_cross_cluster_search_connection</code>	Allows the destination domain owner to delete an existing inbound cross-cluster search connection
<code>delete_outbound_cross_cluster_search_connection</code>	Allows the source domain owner to delete an existing outbound cross-cluster search connection
<code>delete_package</code>	Delete the package
<code>describe_elasticsearch_domain</code>	Returns domain configuration information about the specified Elasticsearch domain
<code>describe_elasticsearch_domain_config</code>	Provides cluster configuration information about the specified Elasticsearch domain
<code>describe_elasticsearch_domains</code>	Returns domain configuration information about the specified Elasticsearch domains
<code>describe_elasticsearch_instance_type_limits</code>	Describe Elasticsearch Limits for a given InstanceType and ElasticsearchVersion
<code>describe_inbound_cross_cluster_search_connections</code>	Lists all the inbound cross-cluster search connections for a destination domain
<code>describe_outbound_cross_cluster_search_connections</code>	Lists all the outbound cross-cluster search connections for a source domain
<code>describe_packages</code>	Describes all packages available to Amazon ES
<code>describe_reserved_elasticsearch_instance_offerings</code>	Lists available reserved Elasticsearch instance offerings
<code>describe_reserved_elasticsearch_instances</code>	Returns information about reserved Elasticsearch instances for this Amazon ES domain
<code>dissociate_package</code>	Dissociates a package from the Amazon ES domain
<code>get_compatible_elasticsearch_versions</code>	Returns a list of upgrade compatible Elasticsearch versions
<code>get_upgrade_history</code>	Retrieves the complete history of the last 10 upgrades that were performed on the domain
<code>get_upgrade_status</code>	Retrieves the latest status of the last upgrade or upgrade eligibility check
<code>list_domain_names</code>	Returns the name of all Elasticsearch domains owned by the current user
<code>list_domains_for_package</code>	Lists all Amazon ES domains associated with the package
<code>list_elasticsearch_instance_types</code>	List all Elasticsearch instance types that are supported for given ElasticsearchVersion
<code>list_elasticsearch_versions</code>	List all supported Elasticsearch versions
<code>list_packages_for_domain</code>	Lists all packages associated with the Amazon ES domain
<code>list_tags</code>	Returns all tags for the given Elasticsearch domain
<code>purchase_reserved_elasticsearch_instance_offering</code>	Allows you to purchase reserved Elasticsearch instances
<code>reject_inbound_cross_cluster_search_connection</code>	Allows the destination domain owner to reject an inbound cross-cluster search connection
<code>remove_tags</code>	Removes the specified set of tags from the specified Elasticsearch domain
<code>start_elasticsearch_service_software_update</code>	Schedules a service software update for an Amazon ES domain
<code>update_elasticsearch_domain_config</code>	Modifies the cluster configuration of the specified Elasticsearch domain
<code>upgrade_elasticsearch_domain</code>	Allows you to either upgrade your domain or perform an UpgradeElasticsearchDomain operation

Examples

```
## Not run:
svc <- elasticsearchservice()
svc$accept_inbound_cross_cluster_search_connection(
  Foo = 123
)
```

```
## End(Not run)
```

 emr

Amazon Elastic MapReduce

Description

Amazon EMR is a web service that makes it easy to process large amounts of data efficiently. Amazon EMR uses Hadoop processing combined with several AWS products to do tasks such as web indexing, data mining, log file analysis, machine learning, scientific simulation, and data warehousing.

Usage

```
emr(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- emr(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

Operations

add_instance_fleet	Adds an instance fleet to a running cluster
add_instance_groups	Adds one or more instance groups to a running cluster
add_job_flow_steps	AddJobFlowSteps adds new steps to a running cluster
add_tags	Adds tags to an Amazon EMR resource
cancel_steps	Cancels a pending step or steps in a running cluster
create_security_configuration	Creates a security configuration, which is stored in the service and can be specified

delete_security_configuration	Deletes a security configuration
describe_cluster	Provides cluster-level details including status, hardware and software configuration, This API is deprecated and will eventually be removed
describe_job_flows	Provides the details of a security configuration by returning the configuration JSON
describe_security_configuration	Provides more detail about the cluster step
describe_step	Returns the Amazon EMR block public access configuration for your AWS account
get_block_public_access_configuration	Fetches the attached managed scaling policy for an Amazon EMR cluster
get_managed_scaling_policy	Provides information about the bootstrap actions associated with a cluster
list_bootstrap_actions	Provides the status of all clusters visible to this AWS account
list_clusters	Lists all available details about the instance fleets in a cluster
list_instance_fleets	Provides all available details about the instance groups in a cluster
list_instance_groups	Provides information for all active EC2 instances and EC2 instances terminated in t
list_instances	Lists all the security configurations visible to this account, providing their creation o
list_security_configurations	Provides a list of steps for the cluster in reverse order unless you specify stepIds wit
list_steps	Modifies the number of steps that can be executed concurrently for the cluster speci
modify_cluster	Modifies the target On-Demand and target Spot capacities for the instance fleet with
modify_instance_fleet	ModifyInstanceGroups modifies the number of nodes and configuration settings of a
modify_instance_groups	Creates or updates an automatic scaling policy for a core instance group or task inst
put_auto_scaling_policy	Creates or updates an Amazon EMR block public access configuration for your AW
put_block_public_access_configuration	Creates or updates a managed scaling policy for an Amazon EMR cluster
put_managed_scaling_policy	Removes an automatic scaling policy from a specified instance group within an EM
remove_auto_scaling_policy	Removes a managed scaling policy from a specified EMR cluster
remove_managed_scaling_policy	Removes tags from an Amazon EMR resource
remove_tags	RunJobFlow creates and starts running a new cluster (job flow)
run_job_flow	SetTerminationProtection locks a cluster (job flow) so the EC2 instances in the clus
set_termination_protection	Sets the Cluster\$VisibleToAllUsers value, which determines whether the cluster is v
set_visible_to_all_users	TerminateJobFlows shuts a list of clusters (job flows) down
terminate_job_flows	

Examples

```
## Not run:
svc <- emr()
svc$add_instance_fleet(
  Foo = 123
)

## End(Not run)
```

Description

Amazon Kinesis Data Firehose API Reference

Amazon Kinesis Data Firehose is a fully managed service that delivers real-time streaming data to destinations such as Amazon Simple Storage Service (Amazon S3), Amazon Elasticsearch Service (Amazon ES), Amazon Redshift, and Splunk.

Usage

```
firehose(config = list())
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- firehose(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

Operations

create_delivery_stream	Creates a Kinesis Data Firehose delivery stream
delete_delivery_stream	Deletes a delivery stream and its data
describe_delivery_stream	Describes the specified delivery stream and its status
list_delivery_streams	Lists your delivery streams in alphabetical order of their names
list_tags_for_delivery_stream	Lists the tags for the specified delivery stream
put_record	Writes a single data record into an Amazon Kinesis Data Firehose delivery stream
put_record_batch	Writes multiple data records into a delivery stream in a single call, which can achieve high throughput
start_delivery_stream_encryption	Enables server-side encryption (SSE) for the delivery stream
stop_delivery_stream_encryption	Disables server-side encryption (SSE) for the delivery stream
tag_delivery_stream	Adds or updates tags for the specified delivery stream
untag_delivery_stream	Removes tags from the specified delivery stream
update_destination	Updates the specified destination of the specified delivery stream

Examples

```
## Not run:
svc <- firehose()
svc$create_delivery_stream(
  Foo = 123
)

## End(Not run)
```

glue

AWS Glue

Description

Defines the public endpoint for the AWS Glue service.

Usage

```
glue(config = list())
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- glue(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

Operations

[batch_create_partition](#)
[batch_delete_connection](#)
[batch_delete_partition](#)

Creates one or more partitions in a batch operation
 Deletes a list of connection definitions from the Data Catalog
 Deletes one or more partitions in a batch operation

<code>batch_delete_table</code>	Deletes multiple tables at once
<code>batch_delete_table_version</code>	Deletes a specified batch of versions of a table
<code>batch_get_crawlers</code>	Returns a list of resource metadata for a given list of crawler names
<code>batch_get_dev_endpoints</code>	Returns a list of resource metadata for a given list of development endpoint names
<code>batch_get_jobs</code>	Returns a list of resource metadata for a given list of job names
<code>batch_get_partition</code>	Retrieves partitions in a batch request
<code>batch_get_triggers</code>	Returns a list of resource metadata for a given list of trigger names
<code>batch_get_workflows</code>	Returns a list of resource metadata for a given list of workflow names
<code>batch_stop_job_run</code>	Stops one or more job runs for a specified job definition
<code>cancel_ml_task_run</code>	Cancels (stops) a task run
<code>create_classifier</code>	Creates a classifier in the user's account
<code>create_connection</code>	Creates a connection definition in the Data Catalog
<code>create_crawler</code>	Creates a new crawler with specified targets, role, configuration, and optional security
<code>create_database</code>	Creates a new database in a Data Catalog
<code>create_dev_endpoint</code>	Creates a new development endpoint
<code>create_job</code>	Creates a new job definition
<code>create_ml_transform</code>	Creates an AWS Glue machine learning transform
<code>create_partition</code>	Creates a new partition
<code>create_script</code>	Transforms a directed acyclic graph (DAG) into code
<code>create_security_configuration</code>	Creates a new security configuration
<code>create_table</code>	Creates a new table definition in the Data Catalog
<code>create_trigger</code>	Creates a new trigger
<code>create_user_defined_function</code>	Creates a new function definition in the Data Catalog
<code>create_workflow</code>	Creates a new workflow
<code>delete_classifier</code>	Removes a classifier from the Data Catalog
<code>delete_column_statistics_for_partition</code>	Delete the partition column statistics of a column
<code>delete_column_statistics_for_table</code>	Retrieves table statistics of columns
<code>delete_connection</code>	Deletes a connection from the Data Catalog
<code>delete_crawler</code>	Removes a specified crawler from the AWS Glue Data Catalog, unless the crawler is in use
<code>delete_database</code>	Removes a specified database from a Data Catalog
<code>delete_dev_endpoint</code>	Deletes a specified development endpoint
<code>delete_job</code>	Deletes a specified job definition
<code>delete_ml_transform</code>	Deletes an AWS Glue machine learning transform
<code>delete_partition</code>	Deletes a specified partition
<code>delete_resource_policy</code>	Deletes a specified policy
<code>delete_security_configuration</code>	Deletes a specified security configuration
<code>delete_table</code>	Removes a table definition from the Data Catalog
<code>delete_table_version</code>	Deletes a specified version of a table
<code>delete_trigger</code>	Deletes a specified trigger
<code>delete_user_defined_function</code>	Deletes an existing function definition from the Data Catalog
<code>delete_workflow</code>	Deletes a workflow
<code>get_catalog_import_status</code>	Retrieves the status of a migration operation
<code>get_classifier</code>	Retrieve a classifier by name
<code>get_classifiers</code>	Lists all classifier objects in the Data Catalog
<code>get_column_statistics_for_partition</code>	Retrieves partition statistics of columns
<code>get_column_statistics_for_table</code>	Retrieves table statistics of columns
<code>get_connection</code>	Retrieves a connection definition from the Data Catalog
<code>get_connections</code>	Retrieves a list of connection definitions from the Data Catalog

<code>get_crawler</code>	Retrieves metadata for a specified crawler
<code>get_crawler_metrics</code>	Retrieves metrics about specified crawlers
<code>get_crawlers</code>	Retrieves metadata for all crawlers defined in the customer account
<code>get_database</code>	Retrieves the definition of a specified database
<code>get_databases</code>	Retrieves all databases defined in a given Data Catalog
<code>get_data_catalog_encryption_settings</code>	Retrieves the security configuration for a specified catalog
<code>get_dataflow_graph</code>	Transforms a Python script into a directed acyclic graph (DAG)
<code>get_dev_endpoint</code>	Retrieves information about a specified development endpoint
<code>get_dev_endpoints</code>	Retrieves all the development endpoints in this AWS account
<code>get_job</code>	Retrieves an existing job definition
<code>get_job_bookmark</code>	Returns information on a job bookmark entry
<code>get_job_run</code>	Retrieves the metadata for a given job run
<code>get_job_runs</code>	Retrieves metadata for all runs of a given job definition
<code>get_jobs</code>	Retrieves all current job definitions
<code>get_mapping</code>	Creates mappings
<code>get_ml_task_run</code>	Gets details for a specific task run on a machine learning transform
<code>get_ml_task_runs</code>	Gets a list of runs for a machine learning transform
<code>get_ml_transform</code>	Gets an AWS Glue machine learning transform artifact and all its corresponding resources
<code>get_ml_transforms</code>	Gets a sortable, filterable list of existing AWS Glue machine learning transforms
<code>get_partition</code>	Retrieves information about a specified partition
<code>get_partitions</code>	Retrieves information about the partitions in a table
<code>get_plan</code>	Gets code to perform a specified mapping
<code>get_resource_policies</code>	Retrieves the security configurations for the resource policies set on individual resources
<code>get_resource_policy</code>	Retrieves a specified resource policy
<code>get_security_configuration</code>	Retrieves a specified security configuration
<code>get_security_configurations</code>	Retrieves a list of all security configurations
<code>get_table</code>	Retrieves the Table definition in a Data Catalog for a specified table
<code>get_tables</code>	Retrieves the definitions of some or all of the tables in a given Database
<code>get_table_version</code>	Retrieves a specified version of a table
<code>get_table_versions</code>	Retrieves a list of strings that identify available versions of a specified table
<code>get_tags</code>	Retrieves a list of tags associated with a resource
<code>get_trigger</code>	Retrieves the definition of a trigger
<code>get_triggers</code>	Gets all the triggers associated with a job
<code>get_user_defined_function</code>	Retrieves a specified function definition from the Data Catalog
<code>get_user_defined_functions</code>	Retrieves multiple function definitions from the Data Catalog
<code>get_workflow</code>	Retrieves resource metadata for a workflow
<code>get_workflow_run</code>	Retrieves the metadata for a given workflow run
<code>get_workflow_run_properties</code>	Retrieves the workflow run properties which were set during the run
<code>get_workflow_runs</code>	Retrieves metadata for all runs of a given workflow
<code>import_catalog_to_glue</code>	Imports an existing Amazon Athena Data Catalog to AWS Glue
<code>list_crawlers</code>	Retrieves the names of all crawler resources in this AWS account, or the resources in a given region
<code>list_dev_endpoints</code>	Retrieves the names of all DevEndpoint resources in this AWS account, or the resources in a given region
<code>list_jobs</code>	Retrieves the names of all job resources in this AWS account, or the resources in a given region
<code>list_ml_transforms</code>	Retrieves a sortable, filterable list of existing AWS Glue machine learning transforms
<code>list_triggers</code>	Retrieves the names of all trigger resources in this AWS account, or the resources in a given region
<code>list_workflows</code>	Lists names of workflows created in the account
<code>put_data_catalog_encryption_settings</code>	Sets the security configuration for a specified catalog
<code>put_resource_policy</code>	Sets the Data Catalog resource policy for access control

<code>put_workflow_run_properties</code>	Puts the specified workflow run properties for the given workflow run
<code>reset_job_bookmark</code>	Resets a bookmark entry
<code>search_tables</code>	Searches a set of tables based on properties in the table metadata as well as on the
<code>start_crawler</code>	Starts a crawl using the specified crawler, regardless of what is scheduled
<code>start_crawler_schedule</code>	Changes the schedule state of the specified crawler to <code>SCHEDULED</code> , unless the
<code>start_export_labels_task_run</code>	Begins an asynchronous task to export all labeled data for a particular transform
<code>start_import_labels_task_run</code>	Enables you to provide additional labels (examples of truth) to be used to teach the
<code>start_job_run</code>	Starts a job run using a job definition
<code>start_ml_evaluation_task_run</code>	Starts a task to estimate the quality of the transform
<code>start_ml_labeling_set_generation_task_run</code>	Starts the active learning workflow for your machine learning transform to improve
<code>start_trigger</code>	Starts an existing trigger
<code>start_workflow_run</code>	Starts a new run of the specified workflow
<code>stop_crawler</code>	If the specified crawler is running, stops the crawl
<code>stop_crawler_schedule</code>	Sets the schedule state of the specified crawler to <code>NOT_SCHEDULED</code> , but does not
<code>stop_trigger</code>	Stops a specified trigger
<code>stop_workflow_run</code>	Stops the execution of the specified workflow run
<code>tag_resource</code>	Adds tags to a resource
<code>untag_resource</code>	Removes tags from a resource
<code>update_classifier</code>	Modifies an existing classifier (a <code>GrokClassifier</code> , an <code>XMLClassifier</code> , a <code>JsonClassifier</code>)
<code>update_column_statistics_for_partition</code>	Creates or updates partition statistics of columns
<code>update_column_statistics_for_table</code>	Creates or updates table statistics of columns
<code>update_connection</code>	Updates a connection definition in the Data Catalog
<code>update_crawler</code>	Updates a crawler
<code>update_crawler_schedule</code>	Updates the schedule of a crawler using a cron expression
<code>update_database</code>	Updates an existing database definition in a Data Catalog
<code>update_dev_endpoint</code>	Updates a specified development endpoint
<code>update_job</code>	Updates an existing job definition
<code>update_ml_transform</code>	Updates an existing machine learning transform
<code>update_partition</code>	Updates a partition
<code>update_table</code>	Updates a metadata table in the Data Catalog
<code>update_trigger</code>	Updates a trigger definition
<code>update_user_defined_function</code>	Updates an existing function definition in the Data Catalog
<code>update_workflow</code>	Updates an existing workflow

Examples

```
## Not run:
svc <- glue()
svc$batch_create_partition(
  Foo = 123
)

## End(Not run)
```

kafka

*Managed Streaming for Kafka***Description**

Managed Streaming for Kafka

Usage

kafka(config = list())

Arguments

config Optional configuration of credentials, endpoint, and/or region.

Service syntax

```

svc <- kafka(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)

```

Operations

create_cluster	Creates a new MSK cluster
create_configuration	Creates a new MSK configuration
delete_cluster	Deletes the MSK cluster specified by the Amazon Resource Name (ARN) in the request
describe_cluster	Returns a description of the MSK cluster whose Amazon Resource Name (ARN) is specified
describe_cluster_operation	Returns a description of the cluster operation specified by the ARN
describe_configuration	Returns a description of this MSK configuration
describe_configuration_revision	Returns a description of this revision of the configuration
get_bootstrap_brokers	A list of brokers that a client application can use to bootstrap
get_compatible_kafka_versions	Gets the Apache Kafka versions to which you can update the MSK cluster
list_cluster_operations	Returns a list of all the operations that have been performed on the specified MSK cluster
list_clusters	Returns a list of all the MSK clusters in the current Region
list_configuration_revisions	Returns a list of all the MSK configurations in this Region
list_configurations	Returns a list of all the MSK configurations in this Region

list_kafka_versions	Returns a list of Kafka versions
list_nodes	Returns a list of the broker nodes in the cluster
list_tags_for_resource	Returns a list of the tags associated with the specified resource
tag_resource	Adds tags to the specified MSK resource
untag_resource	Removes the tags associated with the keys that are provided in the query
update_broker_count	Updates the number of broker nodes in the cluster
update_broker_storage	Updates the EBS storage associated with MSK brokers
update_cluster_configuration	Updates the cluster with the configuration that is specified in the request body
update_cluster_kafka_version	Updates the Apache Kafka version for the cluster
update_monitoring	Updates the monitoring settings for the cluster

Examples

```
## Not run:
svc <- kafka()
svc$create_cluster(
  Foo = 123
)

## End(Not run)
```

kinesis

Amazon Kinesis

Description

Amazon Kinesis Data Streams Service API Reference

Amazon Kinesis Data Streams is a managed service that scales elastically for real-time processing of streaming big data.

Usage

```
kinesis(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- kinesis(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
```

```

        secret_access_key = "string",
        session_token = "string"
    ),
    profile = "string"
),
endpoint = "string",
region = "string"
)
)

```

Operations

add_tags_to_stream	Adds or updates tags for the specified Kinesis data stream
create_stream	Creates a Kinesis data stream
decrease_stream_retention_period	Decreases the Kinesis data stream's retention period, which is the length of time data records are available
delete_stream	Deletes a Kinesis data stream and all its shards and data
deregister_stream_consumer	To deregister a consumer, provide its ARN
describe_limits	Describes the shard limits and usage for the account
describe_stream	Describes the specified Kinesis data stream
describe_stream_consumer	To get the description of a registered consumer, provide the ARN of the consumer
describe_stream_summary	Provides a summarized description of the specified Kinesis data stream without the shard-level details
disable_enhanced_monitoring	Disables enhanced monitoring
enable_enhanced_monitoring	Enables enhanced Kinesis data stream monitoring for shard-level metrics
get_records	Gets data records from a Kinesis data stream's shard
get_shard_iterator	Gets an Amazon Kinesis shard iterator
increase_stream_retention_period	Increases the Kinesis data stream's retention period, which is the length of time data records are available
list_shards	Lists the shards in a stream and provides information about each shard
list_stream_consumers	Lists the consumers registered to receive data from a stream using enhanced fan-out, and provides information about each consumer
list_streams	Lists your Kinesis data streams
list_tags_for_stream	Lists the tags for the specified Kinesis data stream
merge_shards	Merges two adjacent shards in a Kinesis data stream and combines them into a single shard
put_record	Writes a single data record into an Amazon Kinesis data stream
put_records	Writes multiple data records into a Kinesis data stream in a single call (also referred to as batching)
register_stream_consumer	Registers a consumer with a Kinesis data stream
remove_tags_from_stream	Removes tags from the specified Kinesis data stream
split_shard	Splits a shard into two new shards in the Kinesis data stream, to increase the stream's capacity
start_stream_encryption	Enables or updates server-side encryption using an AWS KMS key for a specified stream
stop_stream_encryption	Disables server-side encryption for a specified stream
update_shard_count	Updates the shard count of the specified stream to the specified number of shards

Examples

```

## Not run:
svc <- kinesis()
svc$add_tags_to_stream(
  Foo = 123
)

```

```
)  
## End(Not run)
```

kinesisanalytics *Amazon Kinesis Analytics*

Description

Overview

This documentation is for version 1 of the Amazon Kinesis Data Analytics API, which only supports SQL applications. Version 2 of the API supports SQL and Java applications. For more information about version 2, see [Amazon Kinesis Data Analytics API V2 Documentation](#).

This is the *Amazon Kinesis Analytics v1 API Reference*. The Amazon Kinesis Analytics Developer Guide provides additional information.

Usage

```
kinesisanalytics(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- kinesisanalytics(  
  config = list(  
    credentials = list(  
      creds = list(  
        access_key_id = "string",  
        secret_access_key = "string",  
        session_token = "string"  
      ),  
      profile = "string"  
    ),  
    endpoint = "string",  
    region = "string"  
  )  
)
```

Operations

add_application_cloud_watch_logging_option	This documentation is for version 1 of the Amazon Kinesis Data Analyt
add_application_input	This documentation is for version 1 of the Amazon Kinesis Data Analyt
add_application_input_processing_configuration	This documentation is for version 1 of the Amazon Kinesis Data Analyt
add_application_output	This documentation is for version 1 of the Amazon Kinesis Data Analyt
add_application_reference_data_source	This documentation is for version 1 of the Amazon Kinesis Data Analyt
create_application	This documentation is for version 1 of the Amazon Kinesis Data Analyt
delete_application	This documentation is for version 1 of the Amazon Kinesis Data Analyt
delete_application_cloud_watch_logging_option	This documentation is for version 1 of the Amazon Kinesis Data Analyt
delete_application_input_processing_configuration	This documentation is for version 1 of the Amazon Kinesis Data Analyt
delete_application_output	This documentation is for version 1 of the Amazon Kinesis Data Analyt
delete_application_reference_data_source	This documentation is for version 1 of the Amazon Kinesis Data Analyt
describe_application	This documentation is for version 1 of the Amazon Kinesis Data Analyt
discover_input_schema	This documentation is for version 1 of the Amazon Kinesis Data Analyt
list_applications	This documentation is for version 1 of the Amazon Kinesis Data Analyt
list_tags_for_resource	Retrieves the list of key-value tags assigned to the application
start_application	This documentation is for version 1 of the Amazon Kinesis Data Analyt
stop_application	This documentation is for version 1 of the Amazon Kinesis Data Analyt
tag_resource	Adds one or more key-value tags to a Kinesis Analytics application
untag_resource	Removes one or more tags from a Kinesis Analytics application
update_application	This documentation is for version 1 of the Amazon Kinesis Data Analyt

Examples

```
## Not run:
svc <- kinesisanalytics()
svc$add_application_cloud_watch_logging_option(
  Foo = 123
)

## End(Not run)
```

kinesisanalyticsv2 *Amazon Kinesis Analytics*

Description

Amazon Kinesis Data Analytics is a fully managed service that you can use to process and analyze streaming data using SQL or Java. The service enables you to quickly author and run SQL or Java code against streaming sources to perform time series analytics, feed real-time dashboards, and create real-time metrics.

Usage

```
kinesisanalyticsv2(config = list())
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- kinesisanalyticsv2(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

Operations

add_application_cloud_watch_logging_option	Adds an Amazon CloudWatch log stream to monitor application configuration
add_application_input	Adds a streaming source to your SQL-based Amazon Kinesis Data Analytics application
add_application_input_processing_configuration	Adds an InputProcessingConfiguration to an SQL-based Kinesis Data Analytics application
add_application_output	Adds an external destination to your SQL-based Amazon Kinesis Data Analytics application
add_application_reference_data_source	Adds a reference data source to an existing SQL-based Amazon Kinesis Data Analytics application
add_application_vpc_configuration	Adds a Virtual Private Cloud (VPC) configuration to the application
create_application	Creates an Amazon Kinesis Data Analytics application
create_application_snapshot	Creates a snapshot of the application's state data
delete_application	Deletes the specified application
delete_application_cloud_watch_logging_option	Deletes an Amazon CloudWatch log stream from an Amazon Kinesis Data Analytics application
delete_application_input_processing_configuration	Deletes an InputProcessingConfiguration from an input
delete_application_output	Deletes the output destination configuration from your SQL-based Amazon Kinesis Data Analytics application
delete_application_reference_data_source	Deletes a reference data source configuration from the specified SQL-based Amazon Kinesis Data Analytics application
delete_application_snapshot	Deletes a snapshot of application state
delete_application_vpc_configuration	Removes a VPC configuration from a Kinesis Data Analytics application
describe_application	Returns information about a specific Amazon Kinesis Data Analytics application
describe_application_snapshot	Returns information about a snapshot of application state data
discover_input_schema	Infers a schema for an SQL-based Amazon Kinesis Data Analytics application
list_applications	Returns a list of Amazon Kinesis Data Analytics applications in your account
list_application_snapshots	Lists information about the current application snapshots
list_tags_for_resource	Retrieves the list of key-value tags assigned to the application
start_application	Starts the specified Amazon Kinesis Data Analytics application

stop_application	Stops the application from processing data
tag_resource	Adds one or more key-value tags to a Kinesis Analytics application
untag_resource	Removes one or more tags from a Kinesis Analytics application
update_application	Updates an existing Amazon Kinesis Data Analytics application

Examples

```
## Not run:
svc <- kinesisanalyticsv2()
svc$add_application_cloud_watch_logging_option(
  Foo = 123
)

## End(Not run)
```

mturk

Amazon Mechanical Turk

Description

Amazon Mechanical Turk API Reference

Usage

```
mturk(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```
svc <- mturk(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```


Operations

[accept_qualification_request](#)
[approve_assignment](#)
[associate_qualification_with_worker](#)
[create_additional_assignments_for_hit](#)
[create_hit](#)
[create_hit_type](#)
[create_hit_with_hit_type](#)
[create_qualification_type](#)
[create_worker_block](#)
[delete_hit](#)
[delete_qualification_type](#)
[delete_worker_block](#)
[disassociate_qualification_from_worker](#)
[get_account_balance](#)
[get_assignment](#)
[get_file_upload_url](#)
[get_hit](#)
[get_qualification_score](#)
[get_qualification_type](#)
[list_assignments_for_hit](#)
[list_bonus_payments](#)
[list_hi_ts](#)
[list_hi_ts_for_qualification_type](#)
[list_qualification_requests](#)
[list_qualification_types](#)
[list_reviewable_hi_ts](#)
[list_review_policy_results_for_hit](#)
[list_worker_blocks](#)
[list_workers_with_qualification_type](#)
[notify_workers](#)
[reject_assignment](#)
[reject_qualification_request](#)
[send_bonus](#)
[send_test_event_notification](#)
[update_expiration_for_hit](#)
[update_hit_review_status](#)
[update_hit_type_of_hit](#)
[update_notification_settings](#)
[update_qualification_type](#)

The `AcceptQualificationRequest` operation approves a Worker's request for a Qualification type.
 The `ApproveAssignment` operation approves the results of a completed assignment.
 The `AssociateQualificationWithWorker` operation gives a Worker a Qualification type.
 The `CreateAdditionalAssignmentsForHIT` operation increases the maximum number of assignments for a HIT.
 The `CreateHIT` operation creates a new Human Intelligence Task (HIT).
 The `CreateHITType` operation creates a new HIT type.
 The `CreateHITWithHITType` operation creates a new Human Intelligence Task (HIT) with a specific HIT type.
 The `CreateQualificationType` operation creates a new Qualification type, which is reviewed by Amazon Mechanical Turk.
 The `CreateWorkerBlock` operation allows you to prevent a Worker from working on HITs.
 The `DeleteHIT` operation is used to delete HIT that is no longer needed.
 The `DeleteQualificationType` deletes a Qualification type and deletes any HIT types that use the Qualification type.
 The `DeleteWorkerBlock` operation allows you to reinstate a blocked Worker to work on HITs.
 The `DisassociateQualificationFromWorker` revokes a previously granted Qualification type from a Worker.
 The `GetAccountBalance` operation retrieves the amount of money in your Amazon Mechanical Turk account.
 The `GetAssignment` operation retrieves the details of the specified Assignment.
 The `GetFileUploadURL` operation generates and returns a temporary URL for uploading files to a HIT.
 The `GetHIT` operation retrieves the details of the specified HIT.
 The `GetQualificationScore` operation returns the value of a Worker's Qualification score for a Qualification type.
 The `GetQualificationType` operation retrieves information about a Qualification type.
 The `ListAssignmentsForHIT` operation retrieves completed assignments for a HIT.
 The `ListBonusPayments` operation retrieves the amounts of bonuses you have paid to Workers.
 The `ListHITs` operation returns all of a Requester's HITs.
 The `ListHITsForQualificationType` operation returns the HITs that use the given Qualification type.
 The `ListQualificationRequests` operation retrieves requests for Qualifications of a particular type.
 The `ListQualificationTypes` operation returns a list of Qualification types, filtered by a specific Requester.
 The `ListReviewableHITs` operation retrieves the HITs with Status equal to Reviewable.
 The `ListReviewPolicyResultsForHIT` operation retrieves the computed results and the status of a HIT.
 The `ListWorkersBlocks` operation retrieves a list of Workers who are blocked from working on HITs.
 The `ListWorkersWithQualificationType` operation returns all of the Workers that have a specific Qualification type.
 The `NotifyWorkers` operation sends an email to one or more Workers that you specify.
 The `RejectAssignment` operation rejects the results of a completed assignment.
 The `RejectQualificationRequest` operation rejects a user's request for a Qualification type.
 The `SendBonus` operation issues a payment of money from your account to a Worker.
 The `SendTestEventNotification` operation causes Amazon Mechanical Turk to send a test event notification to a Worker.
 The `UpdateExpirationForHIT` operation allows you update the expiration time of a HIT.
 The `UpdateHITReviewStatus` operation updates the status of a HIT.
 The `UpdateHITTypeOfHIT` operation allows you to change the HITType properties of a HIT.
 The `UpdateNotificationSettings` operation creates, updates, disables or re-enables notification settings for a Requester.
 The `UpdateQualificationType` operation modifies the attributes of an existing Qualification type.

Examples

```

## Not run:
svc <- mturk()
svc$accept_qualification_request(

```

```

    Foo = 123
  )

  ## End(Not run)

```

 quicksight

Amazon QuickSight

Description

Amazon QuickSight API Reference

Amazon QuickSight is a fully managed, serverless business intelligence service for the AWS Cloud that makes it easy to extend data and insights to every user in your organization. This API reference contains documentation for a programming interface that you can use to manage Amazon QuickSight.

Usage

```
quicksight(config = list())
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

Service syntax

```

svc <- quicksight(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)

```

Operations

cancel_ingestion	Cancels an ongoing ingestion of data into SPICE
create_dashboard	Creates a dashboard from a template
create_data_set	Creates a dataset

<code>create_data_source</code>	Creates a data source
<code>create_group</code>	Creates an Amazon QuickSight group
<code>create_group_membership</code>	Adds an Amazon QuickSight user to an Amazon QuickSight group
<code>create_iam_policy_assignment</code>	Creates an assignment with one specified IAM policy, identified by its Amazon Resource Name (ARN)
<code>create_ingestion</code>	Creates and starts a new SPICE ingestion on a dataset. Any ingestions operating on the dataset are stopped.
<code>create_template</code>	Creates a template from an existing QuickSight analysis or template
<code>create_template_alias</code>	Creates a template alias for a template
<code>create_theme</code>	Creates a theme
<code>create_theme_alias</code>	Creates a theme alias for a theme
<code>delete_dashboard</code>	Deletes a dashboard
<code>delete_data_set</code>	Deletes a dataset
<code>delete_data_source</code>	Deletes the data source permanently
<code>delete_group</code>	Removes a user group from Amazon QuickSight
<code>delete_group_membership</code>	Removes a user from a group so that the user is no longer a member of the group
<code>delete_iam_policy_assignment</code>	Deletes an existing IAM policy assignment
<code>delete_template</code>	Deletes a template
<code>delete_template_alias</code>	Deletes the item that the specified template alias points to
<code>delete_theme</code>	Deletes a theme
<code>delete_theme_alias</code>	Deletes the version of the theme that the specified theme alias points to
<code>delete_user</code>	Deletes the Amazon QuickSight user that is associated with the identity of the AWS Identity and Access Management (IAM) user
<code>delete_user_by_principal_id</code>	Deletes a user identified by its principal ID
<code>describe_dashboard</code>	Provides a summary for a dashboard
<code>describe_dashboard_permissions</code>	Describes read and write permissions for a dashboard
<code>describe_data_set</code>	Describes a dataset
<code>describe_data_set_permissions</code>	Describes the permissions on a dataset
<code>describe_data_source</code>	Describes a data source
<code>describe_data_source_permissions</code>	Describes the resource permissions for a data source
<code>describe_group</code>	Returns an Amazon QuickSight group's description and Amazon Resource Name (ARN)
<code>describe_iam_policy_assignment</code>	Describes an existing IAM policy assignment, as specified by the assignment name
<code>describe_ingestion</code>	Describes a SPICE ingestion
<code>describe_template</code>	Describes a template's metadata
<code>describe_template_alias</code>	Describes the template alias for a template
<code>describe_template_permissions</code>	Describes read and write permissions on a template
<code>describe_theme</code>	Describes a theme
<code>describe_theme_alias</code>	Describes the alias for a theme
<code>describe_theme_permissions</code>	Describes the read and write permissions for a theme
<code>describe_user</code>	Returns information about a user, given the user name
<code>get_dashboard_embed_url</code>	Generates a URL and authorization code that you can embed in your web server code
<code>list_dashboards</code>	Lists dashboards in an AWS account
<code>list_dashboard_versions</code>	Lists all the versions of the dashboards in the QuickSight subscription
<code>list_data_sets</code>	Lists all of the datasets belonging to the current AWS account in an AWS Region
<code>list_data_sources</code>	Lists data sources in current AWS Region that belong to this AWS account
<code>list_group_memberships</code>	Lists member users in a group
<code>list_groups</code>	Lists all user groups in Amazon QuickSight
<code>list_iam_policy_assignments</code>	Lists IAM policy assignments in the current Amazon QuickSight account
<code>list_iam_policy_assignments_for_user</code>	Lists all the IAM policy assignments, including the Amazon Resource Names (ARNs)
<code>list_ingestions</code>	Lists the history of SPICE ingestions for a dataset
<code>list_tags_for_resource</code>	Lists the tags assigned to a resource

<code>list_template_aliases</code>	Lists all the aliases of a template
<code>list_templates</code>	Lists all the templates in the current Amazon QuickSight account
<code>list_template_versions</code>	Lists all the versions of the templates in the current Amazon QuickSight account
<code>list_theme_aliases</code>	Lists all the aliases of a theme
<code>list_themes</code>	Lists all the themes in the current AWS account
<code>list_theme_versions</code>	Lists all the versions of the themes in the current AWS account
<code>list_user_groups</code>	Lists the Amazon QuickSight groups that an Amazon QuickSight user is a member of
<code>list_users</code>	Returns a list of all of the Amazon QuickSight users belonging to this account
<code>register_user</code>	Creates an Amazon QuickSight user, whose identity is associated with the AWS Identity and Access Management (IAM) user
<code>search_dashboards</code>	Searches for dashboards that belong to a user
<code>tag_resource</code>	Assigns one or more tags (key-value pairs) to the specified QuickSight resource
<code>untag_resource</code>	Removes a tag or tags from a resource
<code>update_dashboard</code>	Updates a dashboard in an AWS account
<code>update_dashboard_permissions</code>	Updates read and write permissions on a dashboard
<code>update_dashboard_published_version</code>	Updates the published version of a dashboard
<code>update_data_set</code>	Updates a dataset
<code>update_data_set_permissions</code>	Updates the permissions on a dataset
<code>update_data_source</code>	Updates a data source
<code>update_data_source_permissions</code>	Updates the permissions to a data source
<code>update_group</code>	Changes a group description
<code>update_iam_policy_assignment</code>	Updates an existing IAM policy assignment
<code>update_template</code>	Updates a template from an existing Amazon QuickSight analysis or another template
<code>update_template_alias</code>	Updates the template alias of a template
<code>update_template_permissions</code>	Updates the resource permissions for a template
<code>update_theme</code>	Updates a theme
<code>update_theme_alias</code>	Updates an alias of a theme
<code>update_theme_permissions</code>	Updates the resource permissions for a theme
<code>update_user</code>	Updates an Amazon QuickSight user

Examples

```
## Not run:
svc <- quicksight()
svc$cancel_ingestion(
  Foo = 123
)

## End(Not run)
```

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