

Package ‘paws.machine.learning’

August 21, 2019

Title Amazon Web Services Machine Learning APIs

Version 0.1.4

Description Interface to Amazon Web Services machine learning APIs, including 'SageMaker' managed machine learning service, natural language processing, speech recognition, translation, and more
<<https://aws.amazon.com/machine-learning/>>.

License Apache License (>= 2.0)

Imports paws.common (>= 0.2.0)

Suggests testthat

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Collate 'comprehend_service.R' 'comprehend_interfaces.R'
'comprehend_operations.R' 'comprehendmedical_service.R'
'comprehendmedical_interfaces.R'
'comprehendmedical_operations.R'
'lexmodelbuildingservice_service.R'
'lexmodelbuildingservice_interfaces.R'
'lexmodelbuildingservice_operations.R'
'lexruntime_service.R' 'lexruntime_interfaces.R'
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NeedsCompilation no

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Repository CRAN

Date/Publication 2019-08-21 10:50:38 UTC

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comprehend	<i>Amazon Comprehend</i>
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Description

Amazon Comprehend is an AWS service for gaining insight into the content of documents. Use these actions to determine the topics contained in your documents, the topics they discuss, the predominant sentiment expressed in them, the predominant language used, and more.

Usage

```
comprehend()
```

Operations

<code>batch_detect_dominant_language</code>	Determines the dominant language of the input text for a batch of documents
<code>batch_detect_entities</code>	Inspects the text of a batch of documents for named entities and returns information about them
<code>batch_detect_key_phrases</code>	Detects the key noun phrases found in a batch of documents
<code>batch_detect_sentiment</code>	Inspects a batch of documents and returns an inference of the prevailing sentiment
<code>batch_detect_syntax</code>	Inspects the text of a batch of documents for the syntax and part of speech of the words
<code>create_document_classifier</code>	Creates a new document classifier that you can use to categorize documents
<code>create_entity_recognizer</code>	Creates an entity recognizer using submitted files
<code>delete_document_classifier</code>	Deletes a previously created document classifier Only those classifiers that are in the active state
<code>delete_entity_recognizer</code>	Deletes an entity recognizer
<code>describe_document_classification_job</code>	Gets the properties associated with a document classification job
<code>describe_document_classifier</code>	Gets the properties associated with a document classifier
<code>describe_dominant_language_detection_job</code>	Gets the properties associated with a dominant language detection job
<code>describe_entities_detection_job</code>	Gets the properties associated with an entities detection job
<code>describe_entity_recognizer</code>	Provides details about an entity recognizer including status, S3 buckets containing training files, and other properties
<code>describe_key_phrases_detection_job</code>	Gets the properties associated with a key phrases detection job
<code>describe_sentiment_detection_job</code>	Gets the properties associated with a sentiment detection job
<code>describe_topics_detection_job</code>	Gets the properties associated with a topic detection job
<code>detect_dominant_language</code>	Determines the dominant language of the input text
<code>detect_entities</code>	Inspects text for named entities, and returns information about them
<code>detect_key_phrases</code>	Detects the key noun phrases found in the text
<code>detect_sentiment</code>	Inspects text and returns an inference of the prevailing sentiment (POSITIVE, NEUTRAL, NEGATIVE)
<code>detect_syntax</code>	Inspects text for syntax and the part of speech of words in the document
<code>list_document_classification_jobs</code>	Gets a list of the documentation classification jobs that you have submitted
<code>list_document_classifiers</code>	Gets a list of the document classifiers that you have created
<code>list_dominant_language_detection_jobs</code>	Gets a list of the dominant language detection jobs that you have submitted
<code>list_entities_detection_jobs</code>	Gets a list of the entity detection jobs that you have submitted
<code>list_entity_recognizers</code>	Gets a list of the properties of all entity recognizers that you created, including name, status, and other properties
<code>list_key_phrases_detection_jobs</code>	Get a list of key phrase detection jobs that you have submitted
<code>list_sentiment_detection_jobs</code>	Gets a list of sentiment detection jobs that you have submitted
<code>list_tags_for_resource</code>	Lists all tags associated with a given Amazon Comprehend resource
<code>list_topics_detection_jobs</code>	Gets a list of the topic detection jobs that you have submitted
<code>start_document_classification_job</code>	Starts an asynchronous document classification job
<code>start_dominant_language_detection_job</code>	Starts an asynchronous dominant language detection job for a collection of documents
<code>start_entities_detection_job</code>	Starts an asynchronous entity detection job for a collection of documents
<code>start_key_phrases_detection_job</code>	Starts an asynchronous key phrase detection job for a collection of documents
<code>start_sentiment_detection_job</code>	Starts an asynchronous sentiment detection job for a collection of documents
<code>start_topics_detection_job</code>	Starts an asynchronous topic detection job
<code>stop_dominant_language_detection_job</code>	Stops a dominant language detection job in progress
<code>stop_entities_detection_job</code>	Stops an entities detection job in progress
<code>stop_key_phrases_detection_job</code>	Stops a key phrases detection job in progress
<code>stop_sentiment_detection_job</code>	Stops a sentiment detection job in progress
<code>stop_training_document_classifier</code>	Stops a document classifier training job while in progress
<code>stop_training_entity_recognizer</code>	Stops an entity recognizer training job while in progress
<code>tag_resource</code>	Associates a specific tag with an Amazon Comprehend resource
<code>untag_resource</code>	Removes a specific tag associated with an Amazon Comprehend resource

Examples

```
svc <- comprehend()
svc$batch_detect_dominant_language(
  Foo = 123
)
```

comprehendmedical *AWS Comprehend Medical*

Description

Comprehend Medical extracts structured information from unstructured clinical text. Use these actions to gain insight in your documents.

Usage

```
comprehendmedical()
```

Operations

[detect_entities](#) Inspects the clinical text for a variety of medical entities and returns specific information about them such as e
[detect_phi](#) Inspects the clinical text for personal health information (PHI) entities and entity category, location, and confi

Examples

```
svc <- comprehendmedical()
svc$detect_entities(
  Foo = 123
)
```

lexmodelbuildingservice
Amazon Lex Model Building Service

Description

Amazon Lex Build-Time Actions

Amazon Lex is an AWS service for building conversational voice and text interfaces. Use these actions to create, update, and delete conversational bots for new and existing client applications.

Usage

```
lexmodelbuildingservice()
```

Operations

create_bot_version	Creates a new version of the bot based on the \$LATEST version
create_intent_version	Creates a new version of an intent based on the \$LATEST version of the intent
create_slot_type_version	Creates a new version of a slot type based on the \$LATEST version of the specified slot type
delete_bot	Deletes all versions of the bot, including the \$LATEST version
delete_bot_alias	Deletes an alias for the specified bot
delete_bot_channel_association	Deletes the association between an Amazon Lex bot and a messaging platform
delete_bot_version	Deletes a specific version of a bot
delete_intent	Deletes all versions of the intent, including the \$LATEST version
delete_intent_version	Deletes a specific version of an intent
delete_slot_type	Deletes all versions of the slot type, including the \$LATEST version
delete_slot_type_version	Deletes a specific version of a slot type
delete_utterances	Deletes stored utterances
get_bot	Returns metadata information for a specific bot
get_bot_alias	Returns information about an Amazon Lex bot alias
get_bot_aliases	Returns a list of aliases for a specified Amazon Lex bot
get_bot_channel_association	Returns information about the association between an Amazon Lex bot and a messaging platform
get_bot_channel_associations	Returns a list of all of the channels associated with the specified bot
get_bot_versions	Gets information about all of the versions of a bot
get_bots	Returns bot information as follows: - If you provide the nameContains field, the response includes only bots whose names contain the specified string.
get_builtin_intent	Returns information about a built-in intent
get_builtin_intents	Gets a list of built-in intents that meet the specified criteria
get_builtin_slot_types	Gets a list of built-in slot types that meet the specified criteria
get_export	Exports the contents of a Amazon Lex resource in a specified format
get_import	Gets information about an import job started with the StartImport operation
get_intent	Returns information about an intent
get_intent_versions	Gets information about all of the versions of an intent
get_intents	Returns intent information as follows: - If you specify the nameContains field, returns the intents whose names contain the specified string.
get_slot_type	Returns information about a specific version of a slot type
get_slot_type_versions	Gets information about all versions of a slot type
get_slot_types	Returns slot type information as follows: - If you specify the nameContains field, returns the slot types whose names contain the specified string.
get_utterances_view	Use the GetUtterancesView operation to get information about the utterances that your user has spoken to the bot.
put_bot	Creates an Amazon Lex conversational bot or replaces an existing bot
put_bot_alias	Creates an alias for the specified version of the bot or replaces an alias for the specified bot
put_intent	Creates an intent or replaces an existing intent
put_slot_type	Creates a custom slot type or replaces an existing custom slot type
start_import	Starts a job to import a resource to Amazon Lex

Examples

```
# This example shows how to get configuration information for a bot.
svc <- lexmodelbuildingservice()
```

```

svc$get_bot(
  name = "DocOrderPizza",
  versionOrAlias = "$LATEST"
)

```

lexruntimeservice *Amazon Lex Runtime Service*

Description

Amazon Lex provides both build and runtime endpoints. Each endpoint provides a set of operations (API). Your conversational bot uses the runtime API to understand user utterances (user input text or voice). For example, suppose a user says "I want pizza", your bot sends this input to Amazon Lex using the runtime API. Amazon Lex recognizes that the user request is for the OrderPizza intent (one of the intents defined in the bot). Then Amazon Lex engages in user conversation on behalf of the bot to elicit required information (slot values, such as pizza size and crust type), and then performs fulfillment activity (that you configured when you created the bot). You use the build-time API to create and manage your Amazon Lex bot. For a list of build-time operations, see the build-time API, .

Usage

```
lexruntimeservice()
```

Operations

post_content	Sends user input (text or speech) to Amazon Lex
post_text	Sends user input (text-only) to Amazon Lex

Examples

```

svc <- lexruntimeservice()
svc$post_content(
  Foo = 123
)

```

machinelearning *Amazon Machine Learning*

Description

Definition of the public APIs exposed by Amazon Machine Learning

Usage

```
machinelearning()
```

Operations

add_tags	Adds one or more tags to an object, up to a limit of 10
create_batch_prediction	Generates predictions for a group of observations
create_data_source_from_rds	Creates a DataSource object from an Amazon Relational Database Service (Amazon RDS)
create_data_source_from_redshift	Creates a DataSource from a database hosted on an Amazon Redshift cluster
create_data_source_from_s3	Creates a DataSource object
create_evaluation	Creates a new Evaluation of an MLModel
create_ml_model	Creates a new MLModel using the DataSource and the recipe as information sources
create_realtime_endpoint	Creates a real-time endpoint for the MLModel
delete_batch_prediction	Assigns the DELETED status to a BatchPrediction, rendering it unusable
delete_data_source	Assigns the DELETED status to a DataSource, rendering it unusable
delete_evaluation	Assigns the DELETED status to an Evaluation, rendering it unusable
delete_ml_model	Assigns the DELETED status to an MLModel, rendering it unusable
delete_realtime_endpoint	Deletes a real time endpoint of an MLModel
delete_tags	Deletes the specified tags associated with an ML object
describe_batch_predictions	Returns a list of BatchPrediction operations that match the search criteria in the request
describe_data_sources	Returns a list of DataSource that match the search criteria in the request
describe_evaluations	Returns a list of DescribeEvaluations that match the search criteria in the request
describe_ml_models	Returns a list of MLModel that match the search criteria in the request
describe_tags	Describes one or more of the tags for your Amazon ML object
get_batch_prediction	Returns a BatchPrediction that includes detailed metadata, status, and data file information
get_data_source	Returns a DataSource that includes metadata and data file information, as well as the current status
get_evaluation	Returns an Evaluation that includes metadata as well as the current status of the Evaluation
get_ml_model	Returns an MLModel that includes detailed metadata, data source information, and the current status
predict	Generates a prediction for the observation using the specified ML Model
update_batch_prediction	Updates the BatchPredictionName of a BatchPrediction
update_data_source	Updates the DataSourceName of a DataSource
update_evaluation	Updates the EvaluationName of an Evaluation
update_ml_model	Updates the MLModelName and the ScoreThreshold of an MLModel

Examples

```
svc <- machinelearning()
svc$add_tags(
  Foo = 123
)
```

personalize

*Amazon Personalize***Description**

Amazon Personalize is a machine learning service that makes it easy to add individualized recommendations to customers.

Usage

```
personalize()
```

Operations

<code>create_campaign</code>	Creates a campaign by deploying a solution version
<code>create_dataset</code>	Creates an empty dataset and adds it to the specified dataset group
<code>create_dataset_group</code>	Creates an empty dataset group
<code>create_dataset_import_job</code>	Creates a job that imports training data from your data source (an Amazon S3 bucket) to an Amazon Personalize dataset
<code>create_event_tracker</code>	Creates an event tracker that you use when sending event data to the specified dataset group
<code>create_schema</code>	Creates an Amazon Personalize schema from the specified schema string
<code>create_solution</code>	Creates the configuration for training a model
<code>create_solution_version</code>	Trains or retrains an active solution
<code>delete_campaign</code>	Removes a campaign by deleting the solution deployment
<code>delete_dataset</code>	Deletes a dataset
<code>delete_dataset_group</code>	Deletes a dataset group
<code>delete_event_tracker</code>	Deletes the event tracker
<code>delete_schema</code>	Deletes a schema
<code>delete_solution</code>	Deletes all versions of a solution and the Solution object itself
<code>describe_algorithm</code>	Describes the given algorithm
<code>describe_campaign</code>	Describes the given campaign, including its status
<code>describe_dataset</code>	Describes the given dataset
<code>describe_dataset_group</code>	Describes the given dataset group
<code>describe_dataset_import_job</code>	Describes the dataset import job created by <code>CreateDatasetImportJob</code> , including the import job's status
<code>describe_event_tracker</code>	Describes an event tracker
<code>describe_feature_transformation</code>	Describes the given feature transformation
<code>describe_recipe</code>	Describes a recipe
<code>describe_schema</code>	Describes a schema
<code>describe_solution</code>	Describes a solution
<code>describe_solution_version</code>	Describes a specific version of a solution
<code>get_solution_metrics</code>	Gets the metrics for the specified solution version
<code>list_campaigns</code>	Returns a list of campaigns that use the given solution
<code>list_dataset_groups</code>	Returns a list of dataset groups
<code>list_dataset_import_jobs</code>	Returns a list of dataset import jobs that use the given dataset
<code>list_datasets</code>	Returns the list of datasets contained in the given dataset group
<code>list_event_trackers</code>	Returns the list of event trackers associated with the account
<code>list_recipes</code>	Returns a list of available recipes

list_schemas	Returns the list of schemas associated with the account
list_solution_versions	Returns a list of solution versions for the given solution
list_solutions	Returns a list of solutions that use the given dataset group
update_campaign	Updates a campaign by either deploying a new solution or changing the value of the campaign

Examples

```
svc <- personalize()
svc$create_campaign(
  Foo = 123
)
```

`personalizeevents` *Amazon Personalize Events*

Description

Amazon Personalize Events

Usage

```
personalizeevents()
```

Operations

[put_events](#) Records user interaction event data

Examples

```
svc <- personalizeevents()
svc$put_events(
  Foo = 123
)
```

`personalizeruntime` *Amazon Personalize Runtime*

Description

Amazon Personalize Runtime

Usage

```
personalizeruntime()
```

Operations

get_personalized_ranking	Re-ranks a list of recommended items for the given user
get_recommendations	Returns a list of recommended items

Examples

```
svc <- personalizeruntime()
svc$get_personalized_ranking(
  Foo = 123
)
```

polly

Amazon Polly

Description

Amazon Polly is a web service that makes it easy to synthesize speech from text.

The Amazon Polly service provides API operations for synthesizing high-quality speech from plain text and Speech Synthesis Markup Language (SSML), along with managing pronunciations lexicons that enable you to get the best results for your application domain.

Usage

```
polly()
```

Operations

delete_lexicon	Deletes the specified pronunciation lexicon stored in an AWS Region
describe_voices	Returns the list of voices that are available for use when requesting speech synthesis
get_lexicon	Returns the content of the specified pronunciation lexicon stored in an AWS Region
get_speech_synthesis_task	Retrieves a specific SpeechSynthesisTask object based on its TaskID
list_lexicons	Returns a list of pronunciation lexicons stored in an AWS Region
list_speech_synthesis_tasks	Returns a list of SpeechSynthesisTask objects ordered by their creation date
put_lexicon	Stores a pronunciation lexicon in an AWS Region
start_speech_synthesis_task	Allows the creation of an asynchronous synthesis task, by starting a new SpeechSynthesisTask
synthesize_speech	Synthesizes UTF-8 input, plain text or SSML, to a stream of bytes

Examples

```
# Deletes a specified pronunciation lexicon stored in an AWS Region.
svc <- polly()
svc$delete_lexicon(
  Name = "example"
)
```

rekognition

*Amazon Rekognition***Description**

This is the Amazon Rekognition API reference.

Usage

```
rekognition()
```

Operations

compare_faces	Compares a face in the <i>source</i> input image with each of the 100 largest faces detected in the <i>target</i> input image
create_collection	Creates a collection in an AWS Region
create_stream_processor	Creates an Amazon Rekognition stream processor that you can use to detect and recognize faces in a video stream
delete_collection	Deletes the specified collection
delete_faces	Deletes faces from a collection
delete_stream_processor	Deletes the stream processor identified by Name
describe_collection	Describes the specified collection
describe_stream_processor	Provides information about a stream processor created by CreateStreamProcessor
detect_faces	Detects faces within an image that is provided as input
detect_labels	Detects instances of real-world entities within an image (JPEG or PNG) provided as input
detect_moderation_labels	Detects explicit or suggestive adult content in a specified JPEG or PNG format image
detect_text	Detects text in the input image and converts it into machine-readable text
get_celebrity_info	Gets the name and additional information about a celebrity based on his or her Amazon Rekognition Video analysis results
get_celebrity_recognition	Gets the celebrity recognition results for a Amazon Rekognition Video analysis started by StartFaceSearch
get_content_moderation	Gets the content moderation analysis results for a Amazon Rekognition Video analysis started by StartFaceSearch
get_face_detection	Gets face detection results for a Amazon Rekognition Video analysis started by StartFaceSearch
get_face_search	Gets the face search results for Amazon Rekognition Video face search started by StartFaceSearch
get_label_detection	Gets the label detection results of a Amazon Rekognition Video analysis started by StartLabelDetection
get_person_tracking	Gets the path tracking results of a Amazon Rekognition Video analysis started by StartPersonTracking
index_faces	Detects faces in the input image and adds them to the specified collection
list_collections	Returns list of collection IDs in your account
list_faces	Returns metadata for faces in the specified collection
list_stream_processors	Gets a list of stream processors that you have created with CreateStreamProcessor
recognize_celebrities	Returns an array of celebrities recognized in the input image
search_faces	For a given input face ID, searches for matching faces in the collection the face belongs to
search_faces_by_image	For a given input image, first detects the largest face in the image, and then searches the specified collection for faces that match the largest face

<code>start_celebrity_recognition</code>	Starts asynchronous recognition of celebrities in a stored video
<code>start_content_moderation</code>	Starts asynchronous detection of explicit or suggestive adult content in a stored video
<code>start_face_detection</code>	Starts asynchronous detection of faces in a stored video
<code>start_face_search</code>	Starts the asynchronous search for faces in a collection that match the faces of persons detected
<code>start_label_detection</code>	Starts asynchronous detection of labels in a stored video
<code>start_person_tracking</code>	Starts the asynchronous tracking of a person's path in a stored video
<code>start_stream_processor</code>	Starts processing a stream processor
<code>stop_stream_processor</code>	Stops a running stream processor that was created by <code>CreateStreamProcessor</code>

Examples

```
# This operation compares the largest face detected in the source image
# with each face detected in the target image.
svc <- rekognition()
svc$compare_faces(
  SimilarityThreshold = 90L,
  SourceImage = list(
    S3object = list(
      Bucket = "mybucket",
      Name = "mysourceimage"
    )
  ),
  TargetImage = list(
    S3object = list(
      Bucket = "mybucket",
      Name = "mytargetimage"
    )
  )
)
```

sagemaker

Amazon SageMaker Service

Description

Provides APIs for creating and managing Amazon SageMaker resources.

Usage

```
sagemaker()
```

Operations

<code>add_tags</code>	Adds or overwrites one or more tags for the specified Amazon SageMaker resource
<code>create_algorithm</code>	Create a machine learning algorithm that you can use in Amazon SageMaker
<code>create_code_repository</code>	Creates a Git repository as a resource in your Amazon SageMaker account
<code>create_compilation_job</code>	Starts a model compilation job
<code>create_endpoint</code>	Creates an endpoint using the endpoint configuration specified in the request
<code>create_endpoint_config</code>	Creates an endpoint configuration that Amazon SageMaker hosting service uses to host a model
<code>create_hyper_parameter_tuning_job</code>	Starts a hyperparameter tuning job
<code>create_labeling_job</code>	Creates a job that uses workers to label the data objects in your input data
<code>create_model</code>	Creates a model in Amazon SageMaker
<code>create_model_package</code>	Creates a model package that you can use to create Amazon SageMaker endpoints
<code>create_notebook_instance</code>	Creates an Amazon SageMaker notebook instance
<code>create_notebook_instance_lifecycle_config</code>	Creates a lifecycle configuration that you can associate with a notebook instance
<code>create_presigned_notebook_instance_url</code>	Returns a URL that you can use to connect to the Jupyter server from a notebook instance
<code>create_training_job</code>	Starts a model training job
<code>create_transform_job</code>	Starts a transform job
<code>create_workteam</code>	Creates a new work team for labeling your data
<code>delete_algorithm</code>	Removes the specified algorithm from your account
<code>delete_code_repository</code>	Deletes the specified Git repository from your account
<code>delete_endpoint</code>	Deletes an endpoint
<code>delete_endpoint_config</code>	Deletes an endpoint configuration
<code>delete_model</code>	Deletes a model
<code>delete_model_package</code>	Deletes a model package
<code>delete_notebook_instance</code>	Deletes an Amazon SageMaker notebook instance
<code>delete_notebook_instance_lifecycle_config</code>	Deletes a notebook instance lifecycle configuration
<code>delete_tags</code>	Deletes the specified tags from an Amazon SageMaker resource
<code>delete_workteam</code>	Deletes an existing work team
<code>describe_algorithm</code>	Returns a description of the specified algorithm that is in your account
<code>describe_code_repository</code>	Gets details about the specified Git repository
<code>describe_compilation_job</code>	Returns information about a model compilation job
<code>describe_endpoint</code>	Returns the description of an endpoint
<code>describe_endpoint_config</code>	Returns the description of an endpoint configuration created using the CreateEndpointConfig API
<code>describe_hyper_parameter_tuning_job</code>	Gets a description of a hyperparameter tuning job
<code>describe_labeling_job</code>	Gets information about a labeling job
<code>describe_model</code>	Describes a model that you created using the CreateModel API
<code>describe_model_package</code>	Returns a description of the specified model package, which is used to create endpoints
<code>describe_notebook_instance</code>	Returns information about a notebook instance
<code>describe_notebook_instance_lifecycle_config</code>	Returns a description of a notebook instance lifecycle configuration
<code>describe_subscribed_workteam</code>	Gets information about a work team provided by a vendor
<code>describe_training_job</code>	Returns information about a training job
<code>describe_transform_job</code>	Returns information about a transform job
<code>describe_workteam</code>	Gets information about a specific work team
<code>get_search_suggestions</code>	An auto-complete API for the search functionality in the Amazon SageMaker console
<code>list_algorithms</code>	Lists the machine learning algorithms that have been created
<code>list_code_repositories</code>	Gets a list of the Git repositories in your account
<code>list_compilation_jobs</code>	Lists model compilation jobs that satisfy various filters
<code>list_endpoint_configs</code>	Lists endpoint configurations

<code>list_endpoints</code>	Lists endpoints
<code>list_hyper_parameter_tuning_jobs</code>	Gets a list of HyperParameterTuningJobSummary objects that describe
<code>list_labeling_jobs</code>	Gets a list of labeling jobs
<code>list_labeling_jobs_for_workteam</code>	Gets a list of labeling jobs assigned to a specified work team
<code>list_model_packages</code>	Lists the model packages that have been created
<code>list_models</code>	Lists models created with the CreateModel API
<code>list_notebook_instance_lifecycle_configs</code>	Lists notebook instance lifestyle configurations created with the Create
<code>list_notebook_instances</code>	Returns a list of the Amazon SageMaker notebook instances in the requ
<code>list_subscribed_workteams</code>	Gets a list of the work teams that you are subscribed to in the AWS Mar
<code>list_tags</code>	Returns the tags for the specified Amazon SageMaker resource
<code>list_training_jobs</code>	Lists training jobs
<code>list_training_jobs_for_hyper_parameter_tuning_job</code>	Gets a list of TrainingJobSummary objects that describe the training job
<code>list_transform_jobs</code>	Lists transform jobs
<code>list_workteams</code>	Gets a list of work teams that you have defined in a region
<code>render_ui_template</code>	Renders the UI template so that you can preview the worker's experien
<code>search</code>	Finds Amazon SageMaker resources that match a search query
<code>start_notebook_instance</code>	Launches an ML compute instance with the latest version of the librarie
<code>stop_compilation_job</code>	Stops a model compilation job
<code>stop_hyper_parameter_tuning_job</code>	Stops a running hyperparameter tuning job and all running training jobs
<code>stop_labeling_job</code>	Stops a running labeling job
<code>stop_notebook_instance</code>	Terminates the ML compute instance
<code>stop_training_job</code>	Stops a training job
<code>stop_transform_job</code>	Stops a transform job
<code>update_code_repository</code>	Updates the specified Git repository with the specified values
<code>update_endpoint</code>	Deploys the new EndpointConfig specified in the request, switches to u
<code>update_endpoint_weights_and_capacities</code>	Updates variant weight of one or more variants associated with an exist
<code>update_notebook_instance</code>	Updates a notebook instance
<code>update_notebook_instance_lifecycle_config</code>	Updates a notebook instance lifecycle configuration created with the Cr
<code>update_workteam</code>	Updates an existing work team with new member definitions or descrip

Examples

```
svc <- sagemaker()
svc$add_tags(
  Foo = 123
)
```

sagemakerruntime

Amazon SageMaker Runtime

Description

The Amazon SageMaker runtime API.

Usage

```
sagemakerruntime()
```

Operations

[invoke_endpoint](#) After you deploy a model into production using Amazon SageMaker hosting services, your client application

Examples

```
svc <- sagemakerruntime()
svc$invoke_endpoint(
  Foo = 123
)
```

textract

Amazon Textract

Description

Amazon Textract detects and analyzes text in documents and converts it into machine-readable text. This is the API reference documentation for Amazon Textract.

Usage

```
textract()
```

Operations

analyze_document	Analyzes an input document for relationships between detected items
detect_document_text	Detects text in the input document
get_document_analysis	Gets the results for an Amazon Textract asynchronous operation that analyzes text in a document
get_document_text_detection	Gets the results for an Amazon Textract asynchronous operation that detects text in a document
start_document_analysis	Starts asynchronous analysis of an input document for relationships between detected items
start_document_text_detection	Starts the asynchronous detection of text in a document

Examples

```
svc <- textract()
svc$analyze_document(
  Foo = 123
)
```

transcribeservice	<i>Amazon Transcribe Service</i>
-------------------	----------------------------------

Description

Operations and objects for transcribing speech to text.

Usage

```
transcribeservice()
```

Operations

create_vocabulary	Creates a new custom vocabulary that you can use to change the way Amazon Transcribe handles t
delete_transcription_job	Deletes a previously submitted transcription job along with any other generated results such as the
delete_vocabulary	Deletes a vocabulary from Amazon Transcribe
get_transcription_job	Returns information about a transcription job
get_vocabulary	Gets information about a vocabulary
list_transcription_jobs	Lists transcription jobs with the specified status
list_vocabularies	Returns a list of vocabularies that match the specified criteria
start_transcription_job	Starts an asynchronous job to transcribe speech to text
update_vocabulary	Updates an existing vocabulary with new values

Examples

```
svc <- transcribeservice()
svc$create_vocabulary(
  Foo = 123
)
```

translate	<i>Amazon Translate</i>
-----------	-------------------------

Description

Provides translation between one source language and another of the same set of languages.

Usage

```
translate()
```


Operations

delete_terminology	A synchronous action that deletes a custom terminology
get_terminology	Retrieves a custom terminology
import_terminology	Creates or updates a custom terminology, depending on whether or not one already exists for the given
list_terminologies	Provides a list of custom terminologies associated with your account
translate_text	Translates input text from the source language to the target language

Examples

```
svc <- translate()  
svc$delete_terminology(  
  Foo = 123  
)
```

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