Wellcome AWS Utils Documentation

Release 1.0.0

Wellcome Digital Platform

Jan 04, 2018

Contents

This package is a collection of utilities written at Wellcome for interacting with AWS.

Some of these utilities are very specific to Wellcome projects, others are more generic and should be generally useful.

The best place to start is the *API reference*, which describes all the utilities the package provides. It's a bit sparse at the moment, but hopefully we'll expand it soon!

CHAPTER 1

API reference

1.1 Deployment utilities

1.2 DynamoDB events

1.3 DynamoDB utilities

1.4 ECS

1.5 S3

1.6 SNS

1.7 SQS

Changelog

This is a record of all releases of wellcome_aws_utils.

2.1 2.0.0 - 2017-11-29

Replacing the DynamoImageFactory and DynamoImage classes with DynamoEventFactory and DynamoEvent

- Perform quite a bit of sanity checking on event object received
- DynamoEvent can: - return old and new images (if available) - return modified keys only - return deserialized or otherwise images and keys based on params

2.2 1.1.0 - 2017-11-15

Deprecates `sns_utils.extract_json_message` in favour of `sns_utils.extract_sns_messages_from_lambda_event`.

extract_sns_messages_from_lambda_event provides: - better error reporting if the event is malformed - loops over all available records from event not just the first - returns subject along with the json decoded message

This release also adds `UnWellcomeException` which will be used as the base exception for new errors.

2.3 1.0.0 - 2017-11-07

First production release!