

# Package ‘biggr2’

November 26, 2020

**Type** Package  
**Title** A Package for R and AWS  
**Version** 0.1.1  
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**Description** A Package for Deploying R Applications on AWS  
This package should assist you with connecting and deploying  
R applications on AWS EC2.  
**Imports** reticulate,  
cli,  
dplyr,  
lubridate,  
purrr,  
tibble  
**Suggests** styler,  
conflicted,  
roxygen2,  
rmarkdown,  
covr,  
testthat  
**License** MIT + file LICENSE  
**Encoding** UTF-8  
**LazyData** true  
**RoxygenNote** 7.1.1  
**Roxygen** list(markdown = TRUE)

## R topics documented:

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boto3	<i>boto</i>
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### Description

boto3() is equivalent to import boto3 in Python

These are the latest documents:

- [boto3](#)

### Usage

```
boto3()
```

### Details

Gain Access to the boto3 Module

This is the base function that the entire **biggr2** package runs off of. This is a wrapper for `reticulate::import('boto3')`

### Value

A reticulate module

### Examples

```
## Not run:
boto <- boto3()

## End(Not run)
```

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client	<i>client</i>
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### Description

Client Level Access to AWS Services

### Usage

```
client(service = NULL, key_access = NULL, key_secret = NULL, region = NULL)
```

### Arguments

service	NULL An AWS Service like 'ec2' or 's3'
key_access	NULL Your AWS ACCESS Key
key_secret	NULL Your AWS Secret Key
region	NULL Your preferred AWS Region, mine is us-east-2

### Details

Access an AWS Client Service

s3.create_bucket	<i>s3_create_bucket</i>
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### Description

### S3.Client.create\_bucket

```
response = client.create_bucket(  
    ACL='private'|'public-read'|'public-read-write'|'authenticated-read',  
    Bucket='string',  
    CreateBucketConfiguration={  
        'LocationConstraint': 'af-south-1'|'ap-east-1'|'ap-northeast-1'|'ap-northeast-2'|'ap-northeast-3'|'eu-central-1'|'eu-west-1'|'sa-east-1'|'us-east-1'|'us-west-1'|'us-west-2'|'us-west-3'|'us-gov-east-1'|'us-gov-west-1'|'us-gov-west-2'|'us-gov-west-3'|'us-isn-1'|'us-isn-2'|'us-isn-3'|'us-isn-4'|'us-isn-5'|'us-isn-6'|'us-isn-7'|'us-isn-8'|'us-isn-9'|'us-isn-10'|'us-isn-11'|'us-isn-12'|'us-isn-13'|'us-isn-14'|'us-isn-15'|'us-isn-16'|'us-isn-17'|'us-isn-18'|'us-isn-19'|'us-isn-20'|'us-isn-21'|'us-isn-22'|'us-isn-23'|'us-isn-24'|'us-isn-25'|'us-isn-26'|'us-isn-27'|'us-isn-28'|'us-isn-29'|'us-isn-30'|'us-isn-31'|'us-isn-32'|'us-isn-33'|'us-isn-34'|'us-isn-35'|'us-isn-36'|'us-isn-37'|'us-isn-38'|'us-isn-39'|'us-isn-40'|'us-isn-41'|'us-isn-42'|'us-isn-43'|'us-isn-44'|'us-isn-45'|'us-isn-46'|'us-isn-47'|'us-isn-48'|'us-isn-49'|'us-isn-50'|'us-isn-51'|'us-isn-52'|'us-isn-53'|'us-isn-54'|'us-isn-55'|'us-isn-56'|'us-isn-57'|'us-isn-58'|'us-isn-59'|'us-isn-60'|'us-isn-61'|'us-isn-62'|'us-isn-63'|'us-isn-64'|'us-isn-65'|'us-isn-66'|'us-isn-67'|'us-isn-68'|'us-isn-69'|'us-isn-70'|'us-isn-71'|'us-isn-72'|'us-isn-73'|'us-isn-74'|'us-isn-75'|'us-isn-76'|'us-isn-77'|'us-isn-78'|'us-isn-79'|'us-isn-80'|'us-isn-81'|'us-isn-82'|'us-isn-83'|'us-isn-84'|'us-isn-85'|'us-isn-86'|'us-isn-87'|'us-isn-88'|'us-isn-89'|'us-isn-90'|'us-isn-91'|'us-isn-92'|'us-isn-93'|'us-isn-94'|'us-isn-95'|'us-isn-96'|'us-isn-97'|'us-isn-98'|'us-isn-99'|'us-isn-100'|'us-isn-101'|'us-isn-102'|'us-isn-103'|'us-isn-104'|'us-isn-105'|'us-isn-106'|'us-isn-107'|'us-isn-108'|'us-isn-109'|'us-isn-110'|'us-isn-111'|'us-isn-112'|'us-isn-113'|'us-isn-114'|'us-isn-115'|'us-isn-116'|'us-isn-117'|'us-isn-118'|'us-isn-119'|'us-isn-120'|'us-isn-121'|'us-isn-122'|'us-isn-123'|'us-isn-124'|'us-isn-125'|'us-isn-126'|'us-isn-127'|'us-isn-128'|'us-isn-129'|'us-isn-130'|'us-isn-131'|'us-isn-132'|'us-isn-133'|'us-isn-134'|'us-isn-135'|'us-isn-136'|'us-isn-137'|'us-isn-138'|'us-isn-139'|'us-isn-140'|'us-isn-141'|'us-isn-142'|'us-isn-143'|'us-isn-144'|'us-isn-145'|'us-isn-146'|'us-isn-147'|'us-isn-148'|'us-isn-149'|'us-isn-150'|'us-isn-151'|'us-isn-152'|'us-isn-153'|'us-isn-154'|'us-isn-155'|'us-isn-156'|'us-isn-157'|'us-isn-158'|'us-isn-159'|'us-isn-160'|'us-isn-161'|'us-isn-162'|'us-isn-163'|'us-isn-164'|'us-isn-165'|'us-isn-166'|'us-isn-167'|'us-isn-168'|'us-isn-169'|'us-isn-170'|'us-isn-171'|'us-isn-172'|'us-isn-173'|'us-isn-174'|'us-isn-175'|'us-isn-176'|'us-isn-177'|'us-isn-178'|'us-isn-179'|'us-isn-180'|'us-isn-181'|'us-isn-182'|'us-isn-183'|'us-isn-184'|'us-isn-185'|'us-isn-186'|'us-isn-187'|'us-isn-188'|'us-isn-189'|'us-isn-190'|'us-isn-191'|'us-isn-192'|'us-isn-193'|'us-isn-194'|'us-isn-195'|'us-isn-196'|'us-isn-197'|'us-isn-198'|'us-isn-199'|'us-isn-200'|'us-isn-201'|'us-isn-202'|'us-isn-203'|'us-isn-204'|'us-isn-205'|'us-isn-206'|'us-isn-207'|'us-isn-208'|'us-isn-209'|'us-isn-210'|'us-isn-211'|'us-isn-212'|'us-isn-213'|'us-isn-214'|'us-isn-215'|'us-isn-216'|'us-isn-217'|'us-isn-218'|'us-isn-219'|'us-isn-220'|'us-isn-221'|'us-isn-222'|'us-isn-223'|'us-isn-224'|'us-isn-225'|'us-isn-226'|'us-isn-227'|'us-isn-228'|'us-isn-229'|'us-isn-230'|'us-isn-231'|'us-isn-232'|'us-isn-233'|'us-isn-234'|'us-isn-235'|'us-isn-236'|'us-isn-237'|'us-isn-238'|'us-isn-239'|'us-isn-240'|'us-isn-241'|'us-isn-242'|'us-isn-243'|'us-isn-244'|'us-isn-245'|'us-isn-246'|'us-isn-247'|'us-isn-248'|'us-isn-249'|'us-isn-250'|'us-isn-251'|'us-isn-252'|'us-isn-253'|'us-isn-254'|'us-isn-255'|'us-isn-256'|'us-isn-257'|'us-isn-258'|'us-isn-259'|'us-isn-260'|'us-isn-261'|'us-isn-262'|'us-isn-263'|'us-isn-264'|'us-isn-265'|'us-isn-266'|'us-isn-267'|'us-isn-268'|'us-isn-269'|'us-isn-270'|'us-isn-271'|'us-isn-272'|'us-isn-273'|'us-isn-274'|'us-isn-275'|'us-isn-276'|'us-isn-277'|'us-isn-278'|'us-isn-279'|'us-isn-280'|'us-isn-281'|'us-isn-282'|'us-isn-283'|'us-isn-284'|'us-isn-285'|'us-isn-286'|'us-isn-287'|'us-isn-288'|'us-isn-289'|'us-isn-290'|'us-isn-291'|'us-isn-292'|'us-isn-293'|'us-isn-294'|'us-isn-295'|'us-isn-296'|'us-isn-297'|'us-isn-298'|'us-isn-299'|'us-isn-300'|'us-isn-301'|'us-isn-302'|'us-isn-303'|'us-isn-304'|'us-isn-305'|'us-isn-306'|'us-isn-307'|'us-isn-308'|'us-isn-309'|'us-isn-310'|'us-isn-311'|'us-isn-312'|'us-isn-313'|'us-isn-314'|'us-isn-315'|'us-isn-316'|'us-isn-317'|'us-isn-318'|'us-isn-319'|'us-isn-320'|'us-isn-321'|'us-isn-322'|'us-isn-323'|'us-isn-324'|'us-isn-325'|'us-isn-326'|'us-isn-327'|'us-isn-328'|'us-isn-329'|'us-isn-330'|'us-isn-331'|'us-isn-332'|'us-isn-333'|'us-isn-334'|'us-isn-335'|'us-isn-336'|'us-isn-337'|'us-isn-338'|'us-isn-339'|'us-isn-340'|'us-isn-341'|'us-isn-342'|'us-isn-343'|'us-isn-344'|'us-isn-345'|'us-isn-346'|'us-isn-347'|'us-isn-348'|'us-isn-349'|'us-isn-350'|'us-isn-351'|'us-isn-352'|'us-isn-353'|'us-isn-354'|'us-isn-355'|'us-isn-356'|'us-isn-357'|'us-isn-358'|'us-isn-359'|'us-isn-360'|'us-isn-361'|'us-isn-362'|'us-isn-363'|'us-isn-364'|'us-isn-365'|'us-isn-366'|'us-isn-367'|'us-isn-368'|'us-isn-369'|'us-isn-370'|'us-isn-371'|'us-isn-372'|'us-isn-373'|'us-isn-374'|'us-isn-375'|'us-is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```

## Usage

```
s3_create_bucket(  
  client = NULL,  
  Bucket = NA,  
  LocationConstraint = "us-east-2",  
  ...  
)
```

## Arguments

Bucket	A name for the bucket
LocationConstraint	An AWS region. Defaults to us-east-2'
...	Additional Parameters to <code>client.create_bucket</code>

## See Also

Other s3: `s3_delete_bucket()`, `s3_list_buckets()`

s3_delete_bucket	<i>s3_delete_bucket</i>
------------------	-------------------------

## Description

`S3.Client.delete_bucket`(# <https://boto3.amazonaws.com/v1/documentation/api/latest/reference/services/s3>.

## Usage

```
s3_delete_bucket(client = NULL, Bucket = NULL)
```

**Arguments**

<code>client</code>	An s3 client connection
<code>Bucket</code>	A bucket's name staged for deletion

**Value**

A data frame

**See Also**

Other s3: [s3\\_create\\_bucket\(\)](#), [s3\\_list\\_buckets\(\)](#)

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<code>s3_list_buckets</code>	<i>s3_list_buckets</i>
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**Description**

`s3_list_buckets` returns a data frame of bucket names and their creation date  
[s3-example-creating-buckets](#)

**Usage**

```
s3_list_buckets(client = NULL)
```

**Arguments**

<code>client</code>	A connection to a boto3, S3 Client
---------------------	------------------------------------

**Value**

A tibble

**See Also**

Other s3: [s3\\_create\\_bucket\(\)](#), [s3\\_delete\\_bucket\(\)](#)

**Examples**

```
## Not run:
library(biggr2)

s3_client <-
  client(
    service = "s3",
    key_access = Sys.getenv("AWS_ACCESS"),
    key_secret = Sys.getenv("AWS_SECRET"),
    region = "us-east-2"
  )

s3_list_buckets(client = s3_client)

## End(Not run)
```

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