

NAME

Net::Amazon::S3::Client::Bucket – An easy-to-use Amazon S3 client bucket

SYNOPSIS

```
# return the bucket name
print $bucket->name . "\n";

# return the bucket location constraint
print "Bucket is in the " . $bucket->location_constraint . "\n";

# return the ACL XML
my $acl = $bucket->acl;

# list objects in the bucket
# this returns a L<Data::Stream::Bulk> object which returns a
# stream of L<Net::Amazon::S3::Client::Object> objects, as it may
# have to issue multiple API requests
my $stream = $bucket->list;
until ( $stream->is_done ) {
    foreach my $object ( $stream->items ) {
        ...
    }
}

# or list by a prefix
my $prefix_stream = $bucket->list( { prefix => 'logs/' } );

# returns a L<Net::Amazon::S3::Client::Object>, which can then
# be used to get or put
my $object = $bucket->object( key => 'this is the key' );

# delete the bucket (it must be empty)
$bucket->delete;
```

DESCRIPTION

This module represents buckets.

METHODS**acl**

```
# return the ACL XML
my $acl = $bucket->acl;
```

delete

```
# delete the bucket (it must be empty)
$bucket->delete;
```

list

```
# list objects in the bucket
```

```
# this returns a L<Data::Stream::Bulk> object which returns a
# stream of L<Net::Amazon::S3::Client::Object> objects, as it may
# have to issue multiple API requests
```

```
my $stream = $bucket->list;
```

```
until ( $stream->is_done ) {
```

```
    foreach my $object ( $stream->items ) {
```

```
        ...
    }
}
```

```
# or list by a prefix
```

```
my $prefix_stream = $bucket->list( { prefix => 'logs/' } );
```



```
location_constraint
    # return the bucket location constraint
    print "Bucket is in the " . $bucket->location_constraint . "\n";

name
    # return the bucket name
    print $bucket->name . "\n";

object
    # returns a L<Net::Amazon::S3::Client::Object>, which can then
    # be used to get or put
    my $object = $bucket->object( key => 'this is the key' );
```

