

1 APR::BucketAlloc - Perl API for Bucket Allocation

1.1 Synopsis

```
use APR::BucketAlloc ();
$ba = APR::BucketAlloc->new($pool);
$ba->destroy;
```

1.2 Description

`APR::BucketAlloc` is used for bucket allocation.

1.2.1 *new*

Create an `APR::BucketAlloc` object:

```
$ba = APR::BucketAlloc->new($pool);
```

- **class:** `APR::BucketAlloc`
- **arg1:** `$pool` (`APR::Pool` object)

The pool used to create this object.

- **ret:** `$ba` (`APR::BucketAlloc` object)

The new object.

- **since:** 2.0.00

This bucket allocation list (freelist) is used to create new buckets (via `APR::Bucket->new`) and bucket brigades (via `APR::Brigade->new`).

You only need to use this method if you aren't running under `httpd`. If you are running under `mod_perl`, you already have a bucket allocation available via `$c->bucket_alloc` and `$bb->bucket_alloc`.

Example:

```
use APR::BucketAlloc ();
use APR::Pool ();
my $ba = APR::BucketAlloc->(APR::Pool->pool);
my $eos_b = APR::Bucket::eos_create($ba);
```

1.2.2 *destroy*

Destroy an `APR::BucketAlloc` object:

```
$ba->destroy;
```

- **arg1: \$ba (APR::BucketAlloc object)**

The freelist to destroy.

- **ret: no return value**
- **since: 2.0.00**

Once destroyed this object may not be used again.

You need to destroy \$ba **only** if you have created it via `APR::BucketAlloc->new`. If you try to destroy an allocation not created by this method, you will get a segmentation fault.

Moreover normally it is not necessary to destroy allocators, since the pool which created them will destroy them during that pool's cleanup phase.

1.3 See Also

`mod_perl 2.0` documentation.

1.4 Copyright

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1.5 Authors

The `mod_perl` development team and numerous contributors.

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