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***Rocky Enterprise Linux 9.2 Manual Pages on command 'Apache::Session::Flex.3pm'***

***\$ man Apache::Session::Flex.3pm***

Apache::Session::Flex(3pm) User Contributed Perl Documentation Apache::Session::Flex(3pm)

NAME

Apache::Session::Flex - Specify everything at runtime

SYNOPSIS

```
use Apache::Session::Flex;

tie %hash, 'Apache::Session::Flex', $id, {
    Store => 'DB_File',
    Lock  => 'Null',
    Generate => 'MD5',
    Serialize => 'Storable'
};

# or

tie %hash, 'Apache::Session::Flex', $id, {
    Store => 'Postgres',
    Lock  => 'Null',
    Generate => 'MD5',
    Serialize => 'Base64'
};

# you decide!
```

DESCRIPTION

This module is an implementation of Apache::Session. Unlike other implementations, it allows you to specify the backing store, locking scheme, ID generator, and data serializer at runtime. You do this by passing arguments in the usual Apache::Session style (see

SYNOPSIS). You may use any of the modules included in this distribution, or a module of your own making. If you wish to use a module of your own making, you should make sure that it is available under the Apache::Session package namespace.

## USAGE

You pass the modules you want to use as arguments to the constructor. The Apache::Session::Whatever part is appended for you: you should not supply it. For example, if you wanted to use MySQL as the backing store, you should give the argument "Store = 'MySQL'>, and not "Store = 'Apache::Session::Store::MySQL'>. There are four modules that you need to specify. Store is the backing store to use. Lock is the locking scheme. Generate is the ID generation module. Serialize is the data serialization module.

There are many modules included in this distribution. For each role, they are:

### Store:

MySQL

Postgres

DB\_File

File

### Lock:

Null

MySQL

Semaphore

### Generate:

MD5

### Serialize:

Storable

Base64

UUEncode

In addition to the arguments needed by this module, you must provide whatever arguments are expected by the backing store and lock manager that you are using. Please see the documentation for those modules.

## AUTHOR

This module was written by Jeffrey William Baker <jwbaker@acm.org>.

## SEE ALSO

Apache::Session::File, Apache::Session::DB\_File, Apache::Session::MySQL,

Apache::Session::Postgres, Apache::Session

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