

1 Apache2::Resource - Limit resources used by httpd children

1.1 Synopsis

```
PerlModule Apache2::Resource
# set child memory limit in megabytes
# default is 64 Meg
PerlSetEnv PERL_RLIMIT_DATA 32:48

# linux does not honor RLIMIT_DATA
# RLIMIT_AS (address space) will work to limit the size of a process
PerlSetEnv PERL_RLIMIT_AS 32:48

# set child cpu limit in seconds
# default is 360 seconds
PerlSetEnv PERL_RLIMIT_CPU 120

PerlChildInitHandler Apache2::Resource
```

1.2 Description

`Apache2::Resource` uses the `BSD::Resource` module, which uses the C function `setrlimit` to set limits on system resources such as memory and cpu usage.

Any `RLIMIT` operation available to limit on your system can be set by defining that operation as an environment variable with a `PERL_` prefix. See your system `setrlimit` manpage for available resources which can be limited.

The following limit values are in megabytes: `DATA`, `RSS`, `STACK`, `FSIZE`, `CORE`, `MEMLOCK`; all others are treated as their natural unit.

If the value of the variable is of the form `S:H`, `S` is treated as the soft limit, and `H` is the hard limit. If it is just a single number, it is used for both soft and hard limits.

1.3 Defaults

To set reasonable defaults for all `RLIMITs`, add this to your `httpd.conf`:

```
PerlSetEnv PERL_RLIMIT_DEFAULTS On
PerlModule Apache2::Resource
```

1.4 See Also

`BSD::Resource(3)`, `setrlimit(2)`

1.5 Copyright

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1.6 Author

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