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

15 Feb 2014

1.1 Synopsis

```
PerlModule Apache::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 Apache::Resource
```

1.2 Description

Apache::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 Apache::Resource
```

1.4 Maintainers

Maintainer is the person(s) you should contact with updates, corrections and patches.

• The documentation mailing list

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1.5 Authors

• Doug MacEachern

Only the major authors are listed above. For contributors see the Changes file.

1.6 SEE ALSO

BSD::Resource, setrlimit(2)

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