1 MPMs - Multi-Processing Model Modules

1.1 Description

Discover what are the available MPMs and how they work with mod_perl.

META: This doc is under construction. Owners are wanted. -- pgollucci volunteering

1.2 MPMs Overview

1.3 The Worker MPM

META: incomplete

You can test whether running under threaded env via: ?

```
#ifdef USE_ITHREADS
/* whatever */
#endif
```

When the server is running under the threaded mpm `scfg->threaded_mpm` is set to true.

Caveats:

All per-server data is shared between threads, regardless of locking, changing the value of something like ap_document_root changes it for all threads. Not just the current process/request, the way it was in 1.3. So we can't really support modification of things like ap_document_root at request time, unless the mpm is prefork. we could support modification of modperl per-server data by using r->request_config in the same way push_handlers et al is implemented. But it is not possible to use this approach for anything outside of modperl (ap_document_root for example).

1.4 The Prefork MPM

META: incomplete

1.5 The Event MPM

1.6 Maintainers

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

- Philip M. Gollucci <pgollucci (at) p6m7g8.com>

1.7 Authors

- Stas Bekman [http://stason.org/] Philip M. Gollucci <pgollucci (at) p6m7g8.com>

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

Table of Contents:

1 MPMs - Multi-Processing Model Modules 1
1.1 Description 2
1.2 MPMs Overview 2
1.3 The Worker MPM 2
1.4 The Prefork MPM 2
1.5 The Event MPM 2
1.6 Maintainers 2
1.7 Authors 3