

# **1 Getting Help with mod\_perl 2.0 Core Development**

## 1.1 Description

This document covers the resources available to the mod\_perl 2.0 core developer. Please notice that you probably want to read the user's help documentation if you have problems using mod\_perl 2.0.

The following mailing lists and resources can be of a major interest to the mod\_perl 2.0 developers.

## 1.2 mod\_perl

### 1.2.1 *Submitting Patches*

If you submit patches the *Porting/patching.pod* manpage can be very useful. You can find it *perl-5.7.0/Porting/patching.pod* or similar or read it online at <http://sunsite.ualberta.ca/Documentation/Misc/perl-5.6.1/Porting/patching.html>.

Note that we prefer the patches inlined into an email. This makes easier to comment on them. If your email client mangles the spacing and wraps lines, then send them as MIME attachments.

### 1.2.2 *mod\_perl 2.0 Core Development Discussion List*

This list is used by the mod\_perl 2.0 core developers to discuss design issues, solve problems, munch on patches and exchange ideas.

- mailing list subscription: <mailto:dev-subscribe@perl.apache.org>
- archive: <http://marc.theaimsgroup.com/?l=apache-modperl-dev&r=1&w=2#apache-modperl-dev>

When reporting problems, be sure to include the output of:

```
% perl build/config.pl
```

which generates the output from:

- **perl -V**
- **httpd -V**
- **Makefile.PL options**

Please use the output generated by *t/REPORT* utility.

If you get segmentation faults please send the stack backtrace to the modperl developers list.

### 1.2.3 *mod\_perl 2.0 Core Development SVN Commits List*

This list's traffic is comprised of solely svn commits, so this is the place to be if you want to see mod\_perl 2.0 evolve before your eyes.

- mailing list subscription: <mailto:modperl-cvs-subscribe@perl.apache.org>
- archive: <http://marc.theaimsgroup.com/?l=apache-modperl-cvs&r=1&w=2#apache-modperl-cvs>

### ***1.2.4 Apache-Test***

The `Apache-Test` project, originally developed as a part of `mod_perl 2.0`, is now a part of the Apache `httpd-test` project. You get this repository automatically when checking out the `mod_perl-2.0` svn repository or you could check it out explicitly via:

```
% svn co http://svn.apache.org/repos/asf/perl/Apache-Test/trunk/ Apache-Test
```

The module is discussed on the `mod_perl` development mailing list. Commit changes go to the `mod_perl` svn commit mailing list. Both lists are covered in the preceding sections.

## **1.3 Apache**

### ***1.3.1 httpd 2.0***

- **discussion/problems report:**

mailing list subscription: <mailto:dev-subscribe@httpd.apache.org>

archive: <http://marc.theaimsgroup.com/?l=apache-new-httpd&r=1&w=>

- **svn commits**

mailing list subscription: <mailto:httpd-2.0-cvs-subscribe@perl.apache.org>

archive: <http://marc.theaimsgroup.com/?l=apache-cvs&r=1&w=2>

- Apache source code cross-reference (LXR): <http://lxr.webperf.org/>

- Apache source code through Doxygen documentation system:

<http://docx.webperf.org/>

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### ***1.3.2 Apache Portable Runtime (APR)***

The Apache Portable Run-time libraries have been designed to provide a common interface to low level routines across any platform. `mod_perl` comes with a partial Perl APR API.

- **discussion/problems report:**

mailing list subscription: <mailto:apr-dev-subscribe@perl.apache.org>

archive: <http://marc.theaimsgroup.com/?l=apr-dev&r=1&w=2>

- **svn commits**

mailing list subscription: <mailto:apr-cvs-subscribe@perl.apache.org>

archive: <http://marc.theaimsgroup.com/?l=apr-cvs&r=1&w=2>

### ***1.3.3 Perl 5***

Currently `mod_perl 2.0` requires perl 5.6.1 and higher.

If you think you have found a bug in perl 5 report it to the perl5-porters mailing list. Otherwise please choose the appropriate list from the extensive perl related lists: <http://lists.perl.org/>.

- **discussion/problems reports:**

mailing list subscription: <mailto:perl5-porters-subscribe@perl.org>

archive: <http://www.xray.mpe.mpg.de/mailling-lists/perl5-porters/> and <http://archive.developer.com/perl5-porters@perl.org/>

news gateway: <news://news.perl.com/perl.porters-gw/>

- **Perl Dev Resources**

<http://dev.perl.org/>

- **perforce**

Perl uses `perforce` for its source revision control, see *Porting/repository.pod* manpage coming with Perl for more information.

the perforce repository: <http://public.activestate.com/gsar/APC/> or <ftp://ftp.linux.activestate.com/pub/staff/gsar/APC/>

the Perl Repository Browser: <http://public.activestate.com/cgi-bin/perlbrowse>

the Perl cross-reference: <http://pxr.perl.org/source/>

mailing list subscription: [perl5-changes-subscribe@perl.org](mailto:perl5-changes-subscribe@perl.org)

archive: <http://archive.developer.com/perl5-changes@perl.org/>

## 1.4 More Help

There is a parallel help document in the user documentation set which covers mod\_perl user's issues.

## 1.5 Maintainers

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

Stas Bekman [<http://stason.org/>]

## 1.6 Authors

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



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