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Rocky Enterprise Linux 9.2 Manual Pages on command 'parent.3perl'

\$ man parent.3perl

parent(3perl) Perl Programmers Reference Guide parent(3perl)

NAME

parent - Establish an ISA relationship with base classes at compile time

SYNOPSIS

```
package Baz;  
use parent qw(Foo Bar);
```

DESCRIPTION

Allows you to both load one or more modules, while setting up inheritance from those modules at the same time. Mostly similar in effect to

```
package Baz;  
BEGIN {  
    require Foo;  
    require Bar;  
    push @ISA, qw(Foo Bar);  
}
```

By default, every base class needs to live in a file of its own. If you want to have a subclass and its parent class in the same file, you can tell "parent" not to load any modules by using the "-norequire" switch:

```
package Foo;

sub exclaim { "I CAN HAS PERL" }

package DoesNotLoadFooBar;

use parent -norequire, 'Foo', 'Bar';

# will not go looking for Foo.pm or Bar.pm
```

This is equivalent to the following code:

```
package Foo;

sub exclaim { "I CAN HAS PERL" }

package DoesNotLoadFooBar;

push @DoesNotLoadFooBar::ISA, 'Foo', 'Bar';
```

This is also helpful for the case where a package lives within a differently named file:

```
package MyHash;

use Tie::Hash;

use parent -norequire, 'Tie::StdHash';
```

This is equivalent to the following code:

```
package MyHash;

require Tie::Hash;

push @ISA, 'Tie::StdHash';
```

If you want to load a subclass from a file that "require" would not consider an eligible filename (that is, it does not end in either ".pm" or ".pmc"), use the following code:

```
package MySecondPlugin;

require './plugins/custom.plugin'; # contains Plugin::Custom
```

```
use parent -norequire, 'Plugin::Custom';
```

HISTORY

This module was forked from base to remove the cruft that had accumulated in it.

CAVEATS

SEE ALSO

base

parent::versioned

A fork of parent that provides version checking in parent class modules.

AUTHORS AND CONTRIBUTORS

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Copyright (c) 2007-2017 Max Maischein "<corion@cpan.org>" Based on the idea of "base.pm",
which was introduced with Perl 5.004_04.

LICENSE

This module is released under the same terms as Perl itself.

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