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Rocky Enterprise Linux 9.2 Manual Pages on command 'Tie::RefHash.3perl'

\$ man Tie::RefHash.3perl

Tie::RefHash(3perl) Perl Programmers Reference Guide Tie::RefHash(3perl)

NAME

Tie::RefHash - Use references as hash keys

VERSION

version 1.40

SYNOPSIS

```
require 5.004;

use Tie::RefHash;

tie HASHVARIABLE, 'Tie::RefHash', LIST;

tie HASHVARIABLE, 'Tie::RefHash::Nestable', LIST;

untie HASHVARIABLE;
```

DESCRIPTION

This module provides the ability to use references as hash keys if you first "tie" the hash variable to this module. Normally, only the keys of the tied hash itself are preserved as references; to use references as keys in hashes-of-hashes, use Tie::RefHash::Nestable, included as part of Tie::RefHash.

It is implemented using the standard perl TIEHASH interface. Please see the "tie" entry in perlfunc(1) and perltie(1) for more information.

The Nestable version works by looking for hash references being stored and converting them to tied hashes so that they too can have references as keys. This will happen without warning whenever you store a reference to one of your own hashes in the tied hash.

EXAMPLE

```
use Tie::RefHash;
```

```

tie %h, 'Tie::RefHash';

$a = [];

$b = {};

$c = \*main;

$d = \"gunk";

$e = sub { 'foo' };

%h = ($a => 1, $b => 2, $c => 3, $d => 4, $e => 5);

$a->[0] = 'foo';

$b->{foo} = 'bar';

for (keys %h) {
    print ref($_), "\n";
}

tie %h, 'Tie::RefHash::Nestable';

$h{$a}->{$b} = 1;

for (keys %h, keys %{$h{$a}}) {
    print ref($_), "\n";
}

```

THREAD SUPPORT

Tie::RefHash fully supports threading using the "CLONE" method.

STORABLE SUPPORT

Storable hooks are provided for semantically correct serialization and cloning of tied rehashes.

SEE ALSO

perl(1), perlfunc(1), perltie(1)

SUPPORT

Bugs may be submitted through the RT bug tracker

<<https://rt.cpan.org/Public/Dist/Display.html?Name=Tie-RefHash>> (or

bug-Tie-RefHash@rt.cpan.org <<mailto:bug-Tie-RefHash@rt.cpan.org>>).

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