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

\$ man Env.3perl

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

NAME

Env - perl module that imports environment variables as scalars or arrays

SYNOPSIS

```
use Env;  
  
use Env qw(PATH HOME TERM);  
  
use Env qw($SHELL @LD_LIBRARY_PATH);
```

DESCRIPTION

Perl maintains environment variables in a special hash named %ENV. For when this access method is inconvenient, the Perl module "Env" allows environment variables to be treated as scalar or array variables.

The "Env::import()" function ties environment variables with suitable names to global Perl variables with the same names. By default it ties all existing environment variables ("keys %ENV") to scalars. If the "import" function receives arguments, it takes them to be a list of variables to tie; it's okay if they don't yet exist. The scalar type prefix '\$' is inferred for any element of this list not prefixed by '\$' or '@'. Arrays are implemented in terms of "split" and "join", using \$Config::Config{path_sep} as the delimiter.

After an environment variable is tied, merely use it like a normal variable. You may access its value

```
@path = split(/:/, $PATH);  
print join("\n", @LD_LIBRARY_PATH), "\n";
```

or modify it

```
$PATH .= "/any/path";  
push @LD_LIBRARY_PATH, $dir;
```

however you'd like. Bear in mind, however, that each access to a tied array variable requires splitting the environment variable's string anew.

The code:

```
use Env qw(@PATH);  
push @PATH, '/any/path';
```

is almost equivalent to:

```
use Env qw(PATH);  
$PATH .= "/any/path";
```

except that if `$ENV{PATH}` started out empty, the second approach leaves it with the (odd) value `"/any/path"`, but the first approach leaves it with `"/any/path"`.

To remove a tied environment variable from the environment, assign it the undefined value

```
undef $PATH;  
undef @LD_LIBRARY_PATH;
```

On VMS systems, arrays tied to environment variables are read-only. Attempting to change anything will cause a warning.

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