# NAME

PerlIO::encoding - encoding layer

# SYNOPSIS

```
use PerlIO::encoding;

open($f, "<:encoding(foo)", "infoo");
open($f, ">:encoding(bar)", "outbar");

use Encode qw(:fallbacks);
$PerlIO::encoding::fallback = FB_PERLQQ;
```

# DESCRIPTION

This PerlIO layer opens a filehandle with a transparent encoding filter.

On input, it converts the bytes expected to be in the specified character set and encoding to Perl string data (Unicode and Perl's internal Unicode encoding, UTF-8). On output, it converts Perl string data into the specified character set and encoding.

When the layer is pushed, the current value of $PerlIO::encoding::fallback is saved and used as the CHECK argument when calling the Encode methods encode() and decode().

# SEE ALSO

*open*, *Encode*, *"binmode" in perlfunc*, *perluniintro*