

Archive::Zip::MemberRead(3pm)

Archive::Zip::MemberRead(3pm) User Contributed Perl Documentation Archive::Zip::MemberRead(3pm)

NAME

Archive::Zip::MemberRead - A wrapper that lets you read Zip archive members as if they were files.

SYNOPSIS

```
use Archive::Zip;
use Archive::Zip::MemberRead;
$zip = Archive::Zip->new("file.zip");
$fzh = Archive::Zip::MemberRead->new($zip, "subdir/abc.txt");
while (defined($line = $fzh->getline()))
{
    print $fzh->input_line_number . " #: $line\n";
}
$read = $fzh->read($buffer, 32*1024);
print "Read $read bytes as :$buffer:\n";
```

DESCRIPTION

The Archive::Zip::MemberRead module lets you read Zip archive member data just like you read data from files.

METHODS

Archive::Zip::Member::readFileHandle() You can get a “Archive::Zip::MemberRead” from an archive member by calling “readFileHandle()”:

```

my $member = $zip->memberNamed('abc/def.c');
my $fh = $member->readFileHandle();
while (defined($line = $fh->getline()))
{
    # ...
}
$fh->close();

```

Archive::Zip::MemberRead->new(\$zip, \$fileName)

Archive::Zip::MemberRead->new(\$zip, \$member)

Archive::Zip::MemberRead->new(\$member) Construct a new Archive::Zip::MemberRead on the specified member.

```
my $fh = Archive::Zip::MemberRead->new($zip, 'fred.c')
```

setLineEnd(expr) Set the line end character to use. This is set to `\n` by default except on Windows systems where it is set to `\r\n`. You will only need to set this on systems which are not Windows or Unix based and require a line end different from `\n`. This is a class method so call as “Archive::Zip::MemberRead”->“setLineEnd(\$nl)”

rewind() Rewinds an “Archive::Zip::MemberRead” so that you can read from it again starting at the beginning.

input_record_separator(expr) If the argument is given, `input_record_separator` for this instance is set to it. The current setting (which may be the global `$/`) is always returned.

input_line_number() Returns the current line number, but only if you’re using “getline()”. Using “read()” will not update the line number.

close() Closes the given file handle.

buffer_size([\$size]) Gets or sets the buffer size used for reads. Default is the chunk size used by Archive::Zip.

getline() Returns the next line from the currently open member. Makes sense only for text files. A read error is considered fatal enough to die. Returns undef on eof. All subsequent calls would return undef, unless a `rewind()` is called. Note: The line returned has the `input_record_separator` (default: `newline`) removed.

read(\$buffer, \$num_bytes_to_read) Simulates a normal “`read()`” system call. Returns the no. of bytes read. “undef” on error, 0 on eof, e.g.:

```
$fh = Archive::Zip::MemberRead->new($zip, "sreeji/secrets.bin");
while (1)
{
    $read = $fh->read($buffer, 1024);
    die "FATAL ERROR reading my secrets !\n" if (!defined($read));
    last if (!$read);
    # Do processing.
    ....
}
```

AUTHOR

Sreeji K. Das, <sreeji_k@yahoo.com> See `Archive::Zip` by Ned Konz without which this module does not make any sense!

Minor mods by Ned Konz.

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