

NAME

eof – Check for end of file condition on channel

SYNOPSIS

eof *channelId*

DESCRIPTION

Returns 1 if an end of file condition occurred during the most recent input operation on *channelId* (such as **gets**), 0 otherwise.

ChannelId must be an identifier for an open channel such as a Tcl standard channel (**stdin**, **stdout**, or **stderr**), the return value from an invocation of **open** or **socket**, or the result of a channel creation command provided by a Tcl extension.

EXAMPLES

Read and print out the contents of a file line-by-line:

```
set f [open somefile.txt]
while {1} {
    set line [gets $f]
    if {[eof $f]} {
        close $f
        break
    }
    puts "Read line: $line"
}
```

Read and print out the contents of a file by fixed-size records:

```
set f [open somefile.dat]
fconfigure $f -translation binary
set recordSize 40
while {1} {
    set record [read $f $recordSize]
    if {[eof $f]} {
        close $f
        break
    }
    puts "Read record: $record"
}
```

SEE ALSO

file(n), open(n), close(n), fblocked(n), Tcl_StandardChannels(3)

KEYWORDS

channel, end of file