```smalltalk
 1: #!/afs/cats.ucsc.edu/courses/cse112-wm/usr/smalltalk/bin/gst -f
 2: "$Id: catfile.st,v 1.4 2020-01-31 17:05:02-08 - - $"
 3: execname := '$RCSfile: catfile.st,v $' =~ '.*: (.*),v.*' at: 1.
 4:
 5: FileStream extend [
 6:     nl := Character nl.
 7:     catFile [
 8:         |count|
 9:         count := 0.
10:         [self atEnd not] whileTrue: [
11:             |padded|
12:             count := count + 1.
13:             padded := count printPaddedWith: Character space to: 6.
14:             stdout << padded << ': ' << self nextLine << nl.
15:         ]
16:     ]
17: ].
18:
19: nl := Character nl.
20: Smalltalk arguments size = 0
21:     ifTrue: [stdin catFile]
22:     ifFalse: [
23:         Smalltalk arguments do: [:filename |
24:             |separator|
25:             separator := ':::::::::::::::::::::::::::::::::'.
26:             stdout << separator << nl << filename << nl << separator << nl.
27:             filename = '-'
28:                 ifTrue: [stdin catFile]
29:                 ifFalse: [
30:                     [
31:                         |infile|
32:                         infile := FileStream open: filename
33:                                              mode: FileStream read.
34:                         infile catFile.
35:                         infile close.
36:                     ] on: SystemExceptions.FileError do: [:signal |
37:                         |errno|
38:                         errno := File errno.
39:                         stdout flush.
40:                         stderr << execname << ': ' << filename << ': '
41:                                << signal messageText << nl.
42:                         stderr flush.
43:                     ]
44:                 ]
45:         ]
46:     ]
47:
48: "TEST: echo 'This is a test file.' >test.data"
49: "TEST: echo 'Hello, world!' >>test.data"
50: "TEST: echo 'foo bar baz qux' >>test.data"
51: "TEST: catfile.st test.data mks /dev/null"
52: "TEST: rm test.data"
53:
```

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 1: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
 2: mkst.perl: echo 'This is a test file.' >test.data
 3: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
 4: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
 5: Exit status 0
 6: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
 7: mkst.perl: echo 'Hello, world!' >>test.data
 8: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
 9: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
10: Exit status 0
11: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
12: mkst.perl: echo 'foo bar baz qux' >>test.data
13: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
14: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
15: Exit status 0
16: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
17: mkst.perl: catfile.st test.data mks /dev/null
18: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
19: :::::::::::::::::::::::::::::::::::
20: test.data
21: :::::::::::::::::::::::::::::::::::
22:       1: This is a test file.
23:       2: Hello, world!
24:       3: foo bar baz qux
25: :::::::::::::::::::::::::::::::::::
26: mks
27: :::::::::::::::::::::::::::::::::::
28: :::::::::::::::::::::::::::::::::::
29: /dev/null
30: :::::::::::::::::::::::::::::::::::
31: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
32: Exit status 0
33: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
34: mkst.perl: rm test.data
35: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
36: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
37: Exit status 0
```