```
 1: #!/afs/cats.ucsc.edu/courses/cmps112-wm/usr/smalltalk/bin/gst -f
 2: "$Id: cmdline.st,v 1.8 2011-05-05 20:45:21-07 - - $"
 3: ""
 4: "Parse command line arguments"
 5: ""
 6:
 7: execname := '$RCSfile: cmdline.st,v $' =~ '.*: (.*),v.*' at: 1.
 8: nl := Character nl.
 9:
10: stdout << 'execname: ' << execname << nl.
11: stdout << 'version: ' << Smalltalk version << nl.
12: stdout << 'hostSystem: ' << Smalltalk hostSystem << nl.
13: stdout << 'arguments: ' << Smalltalk arguments << nl.
14:
15: (1 to: Smalltalk arguments size)
16: do: [:index |
17:    'argument[' display.
18:    index display.
19:    '] = "' display.
20:    (Smalltalk arguments at: index) display.
21:    '"' displayNl.
22: ].
23:
24: (1 to: Smalltalk getArgc)
25: do: [:argi |
26:    'argv[' display.
27:    argi display.
28:    '] = "' display.
29:    (Smalltalk getArgv: argi) display.
30:    '"' displayNl.
31: ].
32:
33: Smalltalk arguments: '-a -b --foo --bar'
34: do: [:opt :arg |
35:    'arguments:do: ' display.
36:    opt display.
37:    ' ' display.
38:    arg displayNl.
39: ]
40: ifError: [
41:    'Error: invalid option' displayNl.
42:    '--foo'
43: ]
44:
45: '$RCSfile: cmdline.st,v $' display.
46: 'finished.' displayNl.
47:
48: "TEST: cmdline.st foo bar baz"
49:
```

```
 1: ****mks**** cmdline.st foo bar baz 2>&1
 2: execname: cmdline.st
 3: version: GNU Smalltalk version 3.2.5
 4: hostSystem: x86_64-unknown-linux-gnu
 5: arguments: ('foo' 'bar' 'baz' )
 6: argument[1] = "foo"
 7: argument[2] = "bar"
 8: argument[3] = "baz"
 9: argv[1] = "foo"
10: argv[2] = "bar"
11: argv[3] = "baz"
12: arguments:do: nil foo
13: arguments:do: nil bar
14: arguments:do: nil baz
15: $RCSfile: cmdline.st,v $finished.
16: ****status: 0x0000
17:
```