

## IEEE Standards Interpretations for IEEE Std 1003.2™-1992 IEEE Standard for Information Technology--Portable Operating System Interfaces (POSIX®)-- Part 2: Shell and Utilities

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9 August 1996

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### **Interpretation Request #20 (PDF)**

**Topic:** sh **Relevant Clauses:** 3.9.1.1, 4.56.4

### **Interpretation Request #27 (PDF)**

**Topic:** LC\_COLLATE **Relevant Clauses:** 2.5.2.2

### **Interpretation Request #40 (PDF)**

**Topic:** I18N issues **Relevant Clauses:** 2.5.2.2

### **Interpretation Request #42 (PDF)**

**Topic:** Regular Expression Issues **Relevant Clauses:** 2.8.3

### **Interpretation Request #43 (PDF)**

**Topic:** Regular Expressions - imprecise specification **Relevant Clauses:** 2.8

### **Interpretation Request #48 (PDF)**

**Topic:** shell parameter expansion **Relevant Clauses:** Table E-1

### **Interpretation Request #69 (PDF)**

**Topic:** patch -D **Relevant Clauses:** 5.22

**Interpretation Request #70 (PDF)****Topic:** message format of POSIX.2 utilities in C locale **Relevant Clauses:** various**Interpretation Request #71 (PDF)****Topic:** diff -c **Relevant Clauses:** 4.17,6.1.4**Interpretation Request #72 (PDF)****Topic:** renice **Relevant Clauses:** 5.24**Interpretation Request #73 (PDF)****Topic:** extended regular expressions **Relevant Clauses:** 2.8.4**Interpretation Request #74 (PDF)****Topic:** rm exit status **Relevant Clauses:** 4.53**Interpretation Request #75 (PDF)****Topic:** rm -R **Relevant Clauses:** 4.53**Interpretation Request #76 (PDF)****Topic:** bc large numbers and lines **Relevant Clauses:** 4.3**Interpretation Request #77 (PDF)****Topic:** bc - scale **Relevant Clauses:** 4.3.7.1**Interpretation Request #78 (PDF)****Topic:** ex/vi **Relevant Clauses:** 5.10**Interpretation Request #79 (PDF)****Topic:** sh -o **Relevant Clauses:** 4.56**Interpretation Request #80 (PDF)****Topic:** awk **Relevant Clauses:** 4.1**Interpretation Request #81 (PDF)****Topic:** sed **Relevant Clauses:** 4.55**Interpretation Request #82 (PDF)****Topic:** BRE **Relevant Clauses:** 2.8.3**Interpretation Request #83 (PDF)****Topic:** renice **Relevant Clauses:** 5.24**Interpretation Request #84 (PDF)****Topic:** renice -n **Relevant Clauses:** 5.24

**Interpretation Request #85 (PDF)****Topic:** EREs **Relevant Clauses:** 2.8.4.1.2**Interpretation Request #86 (PDF)****Topic:** backreferences **Relevant Clauses:** 2.8.3.3**Interpretation Request #87 (PDF)****Topic:** ar **Relevant Clauses:** 6.1**Interpretation Request #88 (PDF)****Topic:** BREs **Relevant Clauses:** 2.8.3.3**Interpretation Request #89 (PDF)****Topic:** getconf **Relevant Clauses:** 4.26**Interpretation Request #90 (PDF)****Topic:** localedef **Relevant Clauses:** 4.36**Interpretation Request #91 (PDF)****Topic:** awk - gsub/sub **Relevant Clauses:** 4.1.7.6.2.2**Interpretation Request #92 (PDF)****Topic:** ar **Relevant Clauses:** 6.1.1.6**Interpretation Request #93 (PDF)****Topic:** yacc **Relevant Clauses:** A.3.6.1.3.1**Interpretation Request #94 (PDF)****Topic:** macro processing in make **Relevant Clauses:** 6.2.7.4**Interpretation Request #95 (PDF)****Topic:** od file operand **Relevant Clauses:** 4.45.4**Interpretation Request #96 (PDF)****Topic:** bc - precision **Relevant Clauses:** 4.3.7.1**Interpretation Request #97 (PDF)****Topic:** set -o noclobber **Relevant Clauses:** 3.7.2**Interpretation Request #98 (PDF)****Topic:** field splitting **Relevant Clauses:** 3.6.5**Interpretation Request #99 (PDF)****Topic:** set -x **Relevant Clauses:** 3.14.11

**Interpretation Request #100 (PDF)****Topic:** make **Relevant Clauses:** 6.2.7.2**Interpretation Request #101 (PDF)****Topic:** Array parameters in bc? **Relevant Clauses:** 4.3.7.1, 4.3.7.2**Interpretation Request #102 (PDF)****Topic:** shell "here-documents" **Relevant Clauses:** 3.7.4**Interpretation Request #103 (PDF)****Topic:** mailx escaped commands when stdin is not a terminal **Relevant Clauses:** 4.40.7**Interpretation Request #104 (PDF)****Topic:** expr | operator **Relevant Clauses:** 4.22.7**Interpretation Request #105 (PDF)****Topic:** expr standard output representing a null string **Relevant Clauses:** 4.22.6.1**Interpretation Request #106 (PDF)****Topic:** mailx and quoting ambiguity **Relevant Clauses:** 4.40.7.2**Interpretation Request #107 (PDF)****Topic:** various awk requests **Relevant Clauses:** 4.1**Interpretation Request #108 (PDF)****Topic:** mailx edit command edits messages in sequence **Relevant Clauses:** 4.40.7.2.8**Interpretation Request #109 (PDF)****Topic:** more command **Relevant Clauses:** 5.18**Interpretation Request #110 (PDF)****Topic:** shell - ENV **Relevant Clauses:** 3.5.3**Interpretation Request #111 (PDF)****Topic:** yacc **Relevant Clauses:** A.3.7.4**Interpretation Request #112 (PDF)****Topic:** more on yacc **Relevant Clauses:** A.3.7.4**Interpretation Request #113 (PDF)****Topic:** \$< MACRO EVALUATION **Relevant Clauses:** 6.2.7.7**Interpretation Request #114 (PDF)****Topic:** mailx default command **Relevant Clauses:** 4.40.7

**Interpretation Request #115 (PDF)**

**Topic:** mailx visual command edit messages in sequence **Relevant Clauses:** 4.40.7.2.38

**Interpretation Request #116 (PDF)**

**Topic:** ctags locator **Relevant Clauses:** 5.7.2

**Interpretation Request #117 (PDF)**

**Topic:** withdrawn by requester

**Interpretation Request #118 (PDF)**

**Topic:** awk **Relevant Clauses:** 2.14.4

**Interpretation Request #119 (PDF)**

**Topic:** ed global commands **Relevant Clauses:** 4.20.7.3.7, 4.20.7.3.8, 4.20.7.3.25, 4.20.7.3.26

**Interpretation Request #120 (PDF)**

**Topic:** expr **Relevant Clauses:** 4.22.7.1

**Interpretation Request #121 (PDF)**

**Topic:** shell **Relevant Clauses:** 3.14.8

**Interpretation Request #122 (PDF)**

**Topic:** mailx command argument expansion for filenames **Relevant Clauses:** 4.40.7.2

**Interpretation Request #123 (PDF)**

**Topic:** MAKEFLAGS processing in make **Relevant Clauses:** 6.2.3, 6.2.5.3, 6.2.7.2

**Interpretation Request #124 (PDF)**

**Topic:** mkfifo -m mode **Relevant Clauses:** 4.42

**Interpretation Request #125 (PDF)**

**Topic:** Basic Regular expressions **Relevant Clauses:** 2.8.3.3

**Interpretation Request #126 (PDF)**

**Topic:** find DIRNAME -name "?X" -print **Relevant Clauses:** 4.24.4 and 3.13

**Interpretation Request #127 (PDF)**

**Topic:** make **Relevant Clauses:** 6.2.6.1

**Interpretation Request #128 (PDF)**

**Topic:** REs **Relevant Clauses:** 2.8

**Interpretation Request #129 (PDF)****Topic:** mail **Relevant Clauses:** 4.40.7**Interpretation Request #130 (PDF)****Topic:** awk - escape sequences in ERE constants **Relevant Clauses:** 4.1.7.8 (6)**Interpretation Request #131 (PDF)****Topic:** shell signal handling **Relevant Clauses:** 3.11**Interpretation Request #132 (PDF)****Topic:** patch **Relevant Clauses:** 5.22.3**Interpretation Request #133 (PDF)****Topic:** stty **Relevant Clauses:** 4.59.4.6**Interpretation Request #134 (PDF)****Topic:** wordexp() and IFS **Relevant Clauses:** B.9 and 3.6**Interpretation Request #135 (PDF)****Topic:** Regular Expressions **Relevant Clauses:** 2.8.2**Interpretation Request #136 (PDF)****Topic:** fc -l first **Relevant Clauses:** 5.12.4**Interpretation Request #137 (PDF)****Topic:** ex **Relevant Clauses:** 5.10.7.3**Interpretation Request #138 (PDF)****Topic:** regex **Relevant Clauses:** Annex B, Section B.5**Interpretation Request #139 (PDF)****Topic:** getopt **Relevant Clauses:** 4.27.2**Interpretation Request #140 (PDF)****Topic:** awk - reevaluation of field variables **Relevant Clauses:** 4.1.2**Interpretation Request #141 (PDF)****Topic:** ed commands **Relevant Clauses:** 4.20.7.3**Interpretation Request #142 (PDF)****Topic:** printf **Relevant Clauses:** 4.50.7**Interpretation Request #145 (PDF)****Topic :** locale -k **Relevant Clauses:** 4.34.3, 4.34.6.1

**Interpretation Request #146 (PDF)**

Topic : locale -k **Relevant Clauses:** 4.34.3, 4.34.6.1

**Interpretation Request #147 (PDF)**

Topic : yytext **Relevant Clauses:** A.2.7.1

**Interpretation Request #150 (PDF)**

Topic : getopt() **Relevant Clauses:** B.7.2

**Interpretation Request #151 (PDF)**

Topic : pr **Relevant Clauses:** 4.49.3

**Interpretation Request #155 (PDF)**

Topic : ex behavior **Relevant Clauses:** 5.10.7.3; 2.8.3.2

**Interpretation Request #156 (PDF)**

Topic : shell **Relevant Clauses:** 3.14.13

**Interpretation Request #157 (PDF)**

Topic : shell **Relevant Clauses:** 3.9.1