

35117 NAME

35118 **getpid** — get the process ID

35119 SYNOPSIS

35120 #include <unistd.h>

35121 pid_t getpid(void);

35122 DESCRIPTION

35123 The *getpid()* function shall return the process ID of the calling process.

35124 RETURN VALUE

35125 The *getpid()* function shall always be successful and no return value is reserved to indicate an
35126 error.

35127 ERRORS

35128 No errors are defined.

35129 EXAMPLES

35130 None.

35131 APPLICATION USAGE

35132 None.

35133 RATIONALE

35134 None.

35135 FUTURE DIRECTIONS

35136 None.

35137 SEE ALSO

35138 *exec*, *fork()*, *getpgrp()*, *getppid()*, *kill()*, *mkdtemp()*, *setpgid()*, *setsid()*

35139 XBD <sys/types.h>, <unistd.h>

35140 CHANGE HISTORY

35141 First released in Issue 1. Derived from Issue 1 of the SVID.

35142 Issue 6

35143 In the SYNOPSIS, the optional include of the <sys/types.h> header is removed.

35144 The following new requirements on POSIX implementations derive from alignment with the
35145 Single UNIX Specification:

- 35146
 - The requirement to include <sys/types.h> has been removed. Although <sys/types.h> was
35147 required for conforming implementations of previous POSIX specifications, it was not
35148 required for UNIX applications.

35158 **NAME**

35159 getppid — get the parent process ID

35160 **SYNOPSIS**

35161 #include <unistd.h>

35162 pid_t getppid(void);

35163 **DESCRIPTION**35164 The *getppid()* function shall return the parent process ID of the calling process.35165 **RETURN VALUE**35166 The *getppid()* function shall always be successful and no return value is reserved to indicate an
35167 error.35168 **ERRORS**

35169 No errors are defined.

35170 **EXAMPLES**

35171 None.

35172 **APPLICATION USAGE**

35173 None.

35174 **RATIONALE**

35175 None.

35176 **FUTURE DIRECTIONS**

35177 None.

35178 **SEE ALSO**35179 *exec*, *fork()*, *getpgid()*, *getpgrp()*, *getpid()*, *kill()*, *setpgid()*, *setsid()*

35180 XBD <sys/types.h>, <unistd.h>

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