EEE td 1003.1-1988

IEEE STANDARD PORTABLE OPERATING SYSTEM

INT

3.1.1.3 Returns. Upon successful completion, fork() shall hild process a value of zero and shall return to the parent proce 0 of the child process, and both processes shall continue to exerk() function. Otherwise, a value of 1 shall be returned to the post of child process shall be created, and errno shall be set to indicate 3.1.1.4 Errors. If any of the following conditions occur, the on shall return -1 and set errno to the corresponding value: [EAGAIN] The system lacked the necessary resources to comprocess, or the system-imposed limit on the total processes under execution by a single user would be For each of the following conditions, if the condition is detected inction shall return -1 and set errno to the corresponding value: [ENOMEM] The process requires more space than the system is ply. 3.1.1.5 References. alarm() §3.4.1, exec §3.1.2, fentl() §6.5.2, 3.2, times() §4.5.2, wait §3.2.1.	ss the process cute from the arent process, the error. e fork() func- eate another al number of e exceeded. d, the fork() able to sup- im:	e i
3.1.2 Execute a File.	pre	
nctions: exect(), execu(), execte(), execue(), execut(), execut()	en\ en\	
3.1.2.1 Synopsis.	im	
int exect (path, arg0, arg1,, argn, (char *) 0) char *path, *arg0, *arg1,, *argn;	path - exact path ter	
<pre>int execv (path, argv) char *path, *argv[];</pre>	pett - exact path ter ces in this directory she one file -uses PATH str cor environ. variable cor ary	
int execle (path, arg0, arg1,, argn, (char *) 0, envp) char *path, *arg0, *arg1,, *argn, *envp[];	sile -uses PATH str	
Int execve (path, argu, enup); char *path, *argu[], *enup[];	equirm. variable cor are sta	
int execlp (file, arg0, arg1,, argn, (char *) 0) char *file, *arg0, *arg1,, *argn;	ງ str	
int execvp (file, argu) char *file, *argu[];	Th	
extern char **environ;	exc va	
3.1.2.2 Description. The exec family of functions shall rent process image with a new process image. The new image is con a regular, executable file called the new process image file. Ther turn from a successful exec, because the calling process image is new process image.	re shall be nu s overlaid	
en a C program is executed as a result of this call, it shall be ent guage function call as follows:	ce: cered as a fcn att	