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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'setpgrp.3p' command

\$ man setpgrp.3p

SETPGRP(3P) POSIX Programmer's Manual SETPGRP(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

setpgrp ? set the process group ID

SYNOPSIS

```
#include <unistd.h>

pid_t setpgrp(void);
```

DESCRIPTION

If the calling process is not already a session leader, setpgrp() sets the process group ID of the calling process to the process ID of the calling process. If setpgrp() creates a new session, then the new session has no controlling terminal.

The setpgrp() function has no effect when the calling process is a session leader.

RETURN VALUE

Upon completion, setpgrp() shall return the process group ID.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

It is unspecified whether this function behaves as `setpgid(0,0)` or `set?sid()` unless the process is already a session leader. Therefore, appli?cations are encouraged to use `setpgid()` or `setsid()` as appropriate.

RATIONALE

None.

FUTURE DIRECTIONS

The `setpgrp()` function may be removed in a future version.

SEE ALSO

`exec`, `fork()`, `getpid()`, `getsid()`, `kill()`, `setpgid()`, `setsid()`

The Base Definitions volume of POSIX.1?2017, `<unistd.h>`

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