

pmstack tool

Purpose

When running an application on Unix it may fail with a signal exception and cause a core file, or it may hang and a must be killed causing a core file. The pmstack utility is a Unix script file that retrieves the stack trace from a core file and creates an output file that can be sent to Informatica support for analysis of the problem.

Usage Instructions

The pmstack utility can be used to extract the stack trace from a core file or a hanging Informatica process (pmserver, pmrepserver, etc.) on Unix.

1. Logon as the Unix user who started the Informatica process.
2. Download and save the attached file as pmstack to the Informatica installation directory where the core file exists.
3. Run `chmod 755 pmstack`
4. Execute the utility with one or more of following options:

Parameter	Flags	Required / Optional	Description
Debugger Name	-d	Optional	Specify dbx or gdb as debugger name. Default debugger is gdb.
Corefile Name	-c	Optional	Specify the core file name. Default file name is "core".
Process Id	-p	Optional	Specify the hanging process id to be analyzed.

Usage examples:

- To analyze a core file called core using gdb as the debugger:
`pmstack`
- To analyze a core file called core using dbx as the debugger:
`pmstack -d dbx`
- To analyze a core file called *corefile_name* with dbx as debugger:
`pmstack -c corefile_name -d dbx`
- To analyze a process with a process ID *pid* with "gdb" as debugger:
`pmstack -p pid`
NOTE:
Run `ps -ef | grep process_name` to determine the process ID.

5. Send the trace file to Informatica support.