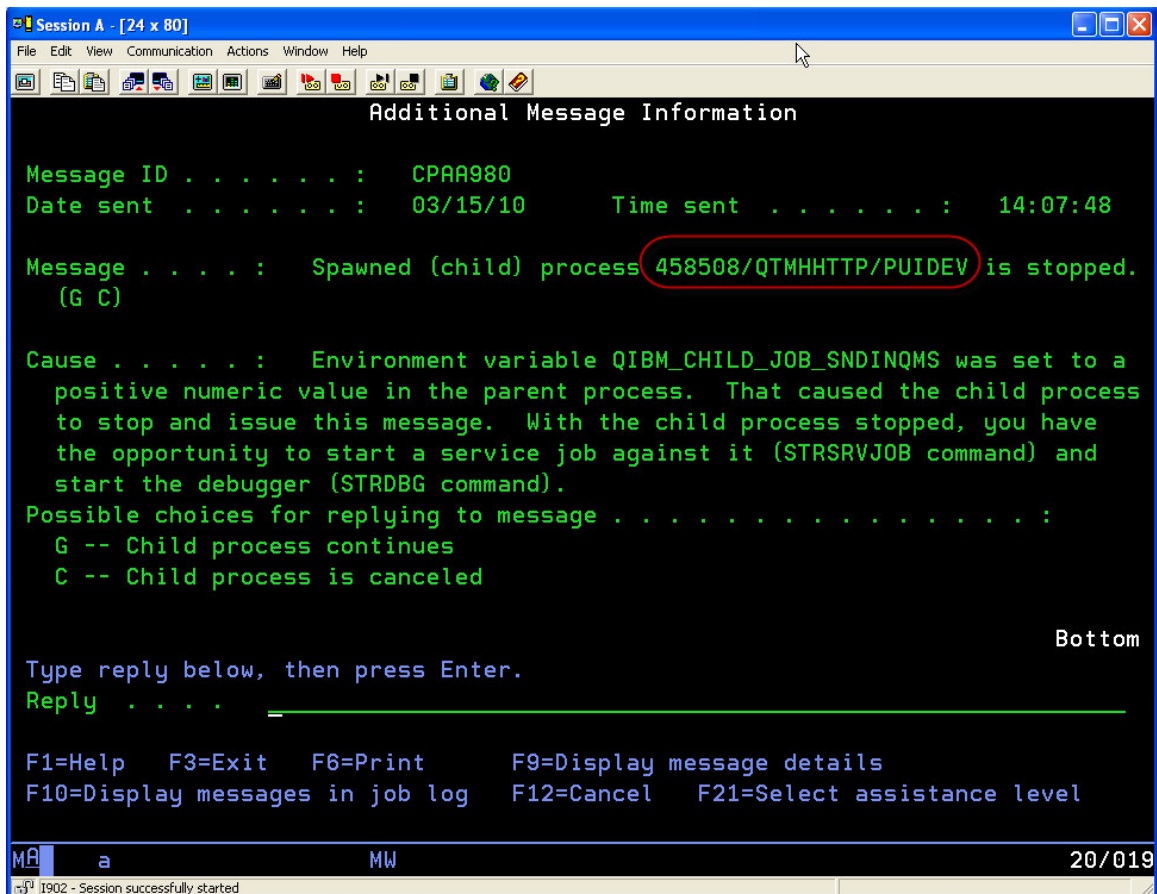


Debug ProfoundUI Web applications with STRDBG

1. In Client Access, make sure service job and debug are ended.
 - **ENDSRVJOB**
 - **ENDDBG**
2. Start a Profound UI sign-in session or anonymous session using the debug flag
 - web session: <http://MyIBMi:8080/profoundui/start?debug=1>
 - or
 - Anonymously
<http://MyIBMi:8080/profoundui/start?pgm=MYLIB/MYPGM&debug=1>

(You may want to bookmark this in IE to streamline to process)
3. This will force a message waiting on the job. Find the job with:
WRKACTJOB JOB(PROFOUNDUI)
4. Take Option 7 on this job and you will get the following message screen.
Copy the job details shown in red. **Do not cancel the job.**



The screenshot shows a terminal window titled "Session A - [24 x 80]". The window has a menu bar (File, Edit, View, Communication, Actions, Window, Help) and a toolbar. The main content area displays "Additional Message Information" in green text on a black background. The message details are as follows:

```
Message ID . . . . . : CPAA980
Date sent . . . . . : 03/15/10      Time sent . . . . . : 14:07:48

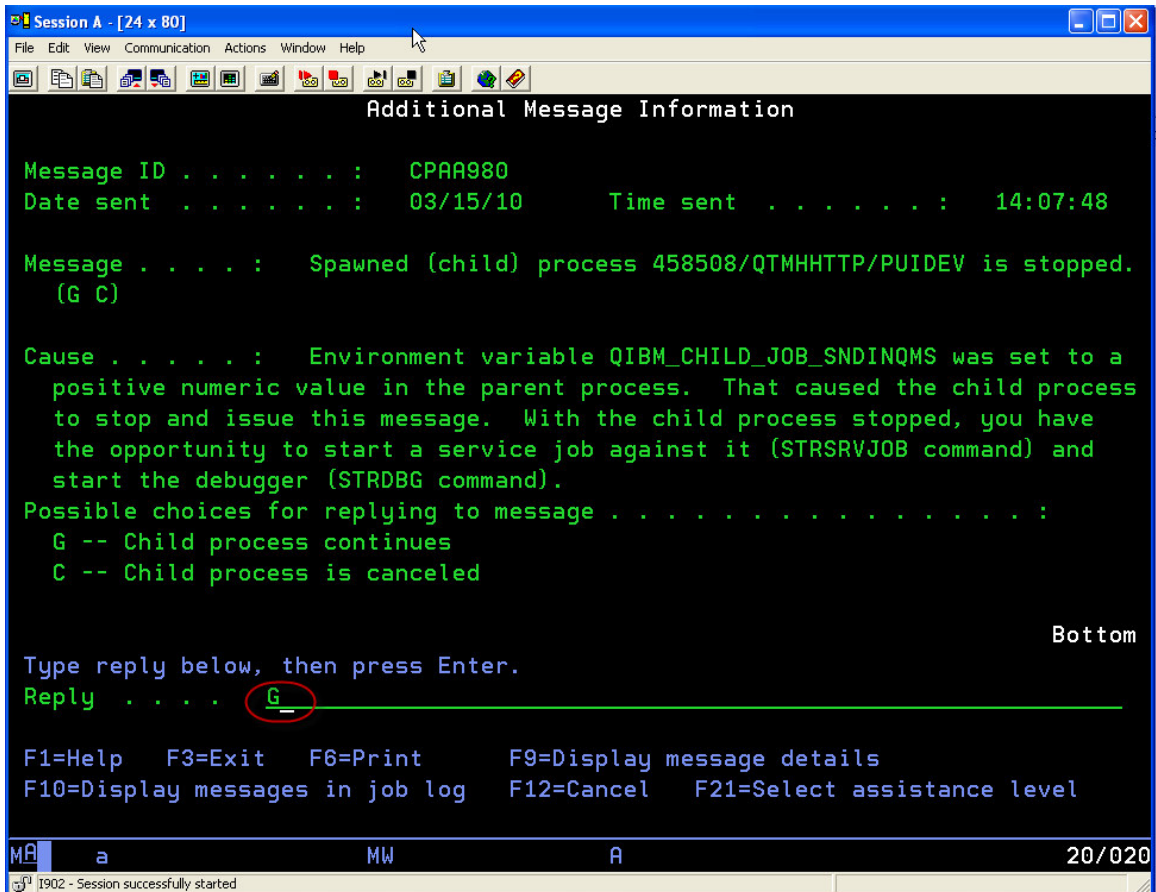
Message . . . . . : Spawned (child) process 458508/QTMMHTTP/PUIDEV is stopped.
(G C)

Cause . . . . . : Environment variable QIBM_CHILD_JOB_SNDINQMS was set to a
positive numeric value in the parent process. That caused the child process
to stop and issue this message. With the child process stopped, you have
the opportunity to start a service job against it (STRSRVJOB command) and
start the debugger (STRDBG command).

Possible choices for replying to message . . . . . :
G -- Child process continues
C -- Child process is canceled
```

At the bottom right of the message area, the word "Bottom" is displayed. Below the message area, a prompt says "Type reply below, then press Enter." followed by a "Reply" line with a cursor. At the very bottom, a status bar shows "MA a MW" and "20/019". A small status bar at the bottom left indicates ".I902 - Session successfully started".

5. Enter STRSRVJOB then paste the job details.
Eg **STRSRVJOB 458508/QTMHHTTP/PUIDEV**
6. Start the debugger : **STRDBG** on your program and set breakpoints as normal.
7. On the message screen, enter G to continue.



The screenshot shows a z/OS console window titled "Session A - [24 x 80]". The window has a menu bar (File, Edit, View, Communication, Actions, Window, Help) and a toolbar. The main display area shows "Additional Message Information" in green text on a black background. The message details are as follows:

```
Message ID . . . . . : CPAA980
Date sent . . . . . : 03/15/10      Time sent . . . . . : 14:07:48

Message . . . . . : Spawned (child) process 458508/QTMHHTTP/PUIDEV is stopped.
(G C)

Cause . . . . . : Environment variable QIBM_CHILD_JOB_SNDINQMS was set to a
                  positive numeric value in the parent process. That caused the child process
                  to stop and issue this message. With the child process stopped, you have
                  the opportunity to start a service job against it (STRSRVJOB command) and
                  start the debugger (STRDBG command).

Possible choices for replying to message . . . . . :
G -- Child process continues
C -- Child process is canceled
```

At the bottom right of the message area, the word "Bottom" is displayed. Below the message, it says "Type reply below, then press Enter." and "Reply" followed by a green underline with the letter "G" circled in red. At the bottom of the console window, there is a status bar with the text "F1=Help F3=Exit F6=Print F9=Display message details F10=Display messages in job log F12=Cancel F21=Select assistance level" and a bottom-most status line showing "MRA a MW A 20/020" and "I902 - Session successfully started".

8. Debug you program as normal.
9. To end debug:
 - **ENDDBG**
 - **ENDSRVJOB**