

How to Debug a Completed SAP Background Job?

🕒 May 23, 2012 📁 Debugging 💬 1

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It is easy to debug an error job to find out the cause of the error. To debug the background job, go to transaction code SM37 and display the jobs.

Job Overview

Click Here

Job overview from: 23.05.2012 at: : :
to: 23.05.2012 at: : :
Selected job names: *
Selected user names: *

☐ Scheduled ☒ Released ☒ Ready ☒ Active ☒ Complete ☒ Canceled
☐ Event controlled Event ID:
☐ ABAP program Program name :

Job	Ln	Job CreatedB	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
✓ ZZDEMO			Canceled	23.05.2012	21:23:25	1	0
*Summary						1	0

First we need to keep a break-point in the program, so that the control stops at the break-point when the debugger is switched on. To find the name of the program, select the job that we want to debug and press step in the application toolbar.

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 Spool list Ctrl+F10
 Back F3

Step List

Spool

No.	Program/C	Parameter	User	Lang.
1	ZZDEMO	0000000000000000		EN

Display the program by using the Menu Goto -> Program.

```
Report ZZDEMO Active
1  REPORT  zzdemo.
2
3  PARAMETERS: abc TYPE i.
4
5  WRITE:/ 'This is a Demo Program'.
6
7  IF abc IS INITIAL.
8      MESSAGE 'Error' TYPE 'E'.
9  ELSE.
10     WRITE:/ 'ABC = ', abc.
11 ENDIF.
```

Keep a break-point in the program and go back to Job overview screen.

Job Overview

jdbrg

Job Overview

Release Spool Job log Step Application servers

Job overview from: 23.05.2012 at: : :
to: 23.05.2012 at: : :
Selected job names: *
Selected user names:

☐ Scheduled ☒ Released ☒ Ready ☒ Active ☒ Complete ☒ Canceled
☐ Event controlled Event ID:
☐ ABAP program Program name :

Job	Ln	Job CreatedB	Status	Start date	Start time
<input checked="" type="checkbox"/> ZZDEMO			Canceled	23.05.2012	21:23:25
*Summary					

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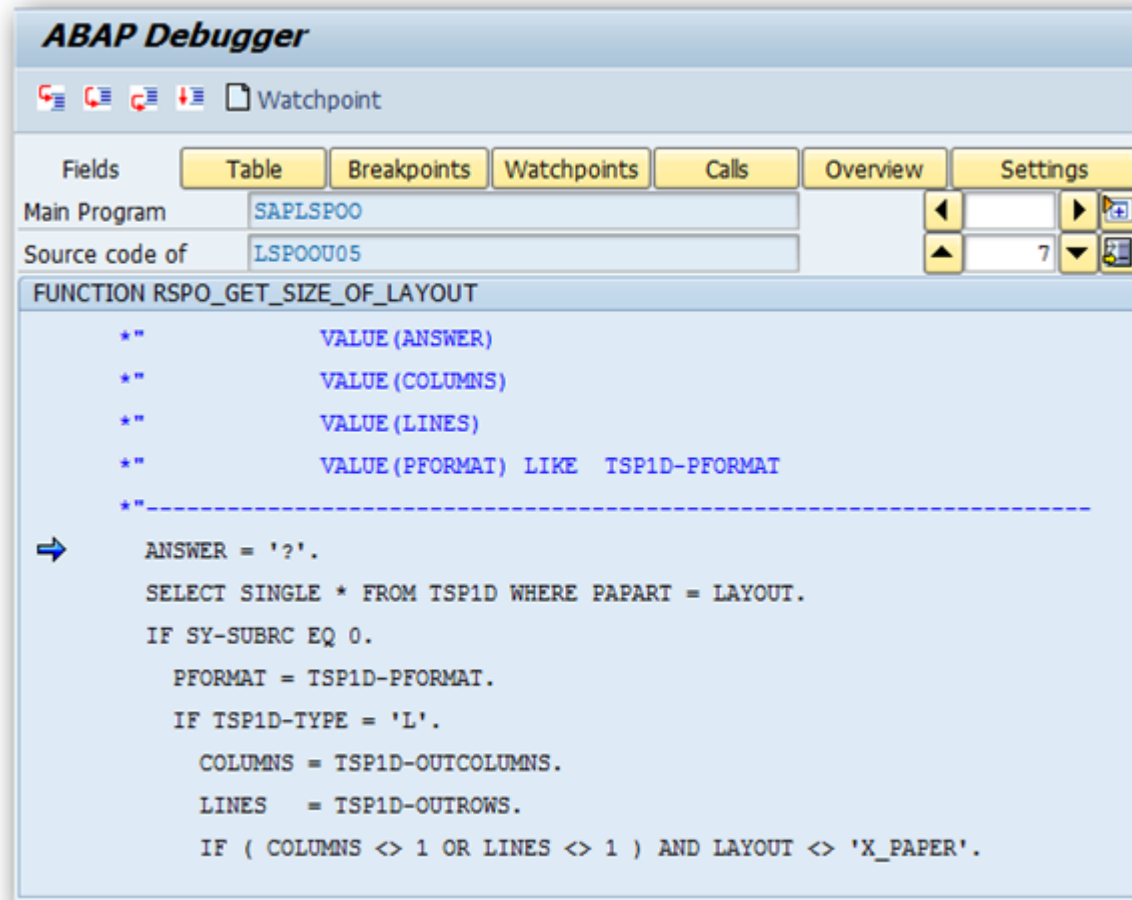
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Again select the job that we want to debug and enter JDBG in the command field and press enter.



Once JDBG is entered in the command field the debugger will get switched on. Now press F8 to reach the break-point in the program.

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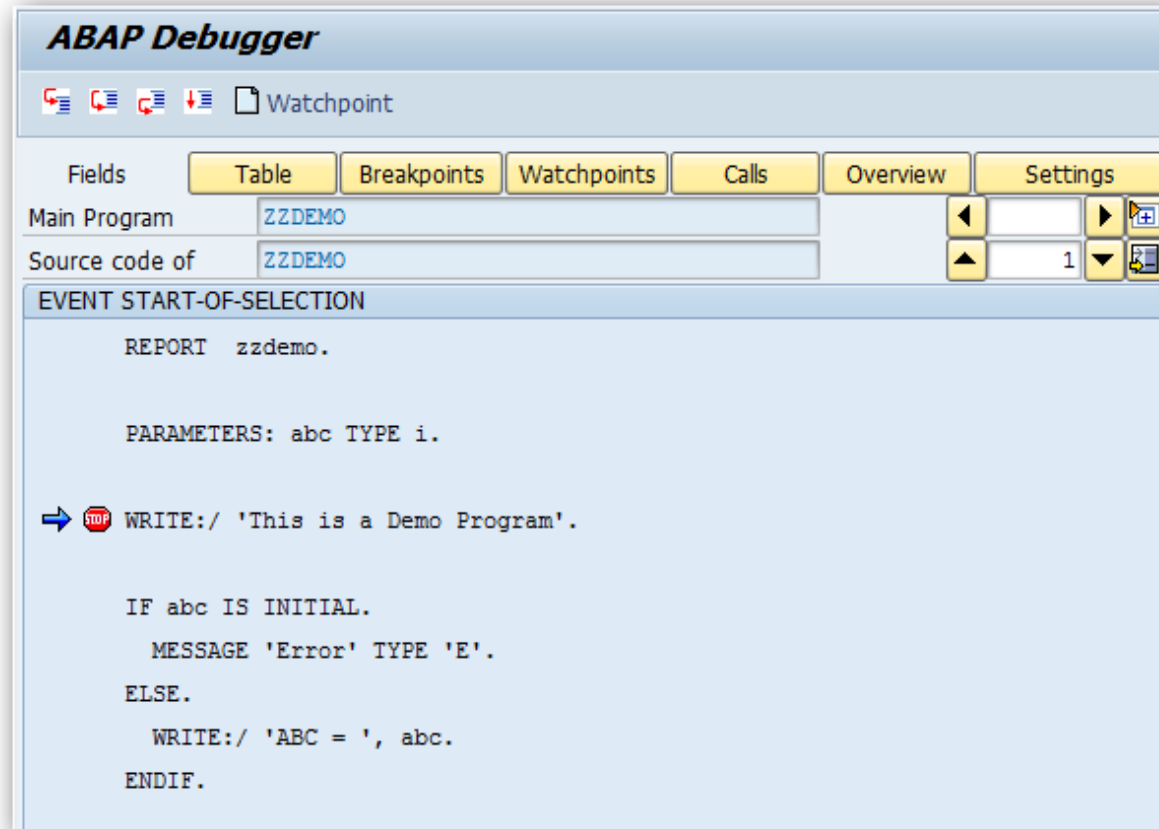
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Now we can analyze the program for the cause of the error.

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JUNE 27, 2018 AT 1:17 PM

Thanks man!! Save my life kkk !

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