

Tools - Forms Dependency Checker

Purpose

This page provides information about the tool **Forms Dependency Checker** (CASTFormsDependencyCheckerGUI.jar) which points out the FMBs which are the part of dependency cycle circuits.

Dependency cycle circuit : If one .fmb (say A) is calling other .fmb (say B) and which is calling .fmb (say C), which is calling first .fmb (i.e. A), then this is called Dependency cycle circuit.

This tool can be used, if during the Oracle Forms extraction, there is no fatal error and extraction finishes without fatal error, but with **zero extraction**, which suggest there may be dependency cycle.

When to use the tool

If Oracle Forms extraction finishes without fatal error, but with **zero extraction**, this suggest there may be dependency cycle. So this tool can be used to identify the fmbs which are in cycle and identified fmbs can be excluded from extraction for successful extraction.

Applicable in CAST Version

Release	Yes/No
8.2.x	✓
8.1.x	✓
8.0.x	✓
7.3.x	✓
7.2.x	✓

Applicable RDBMS

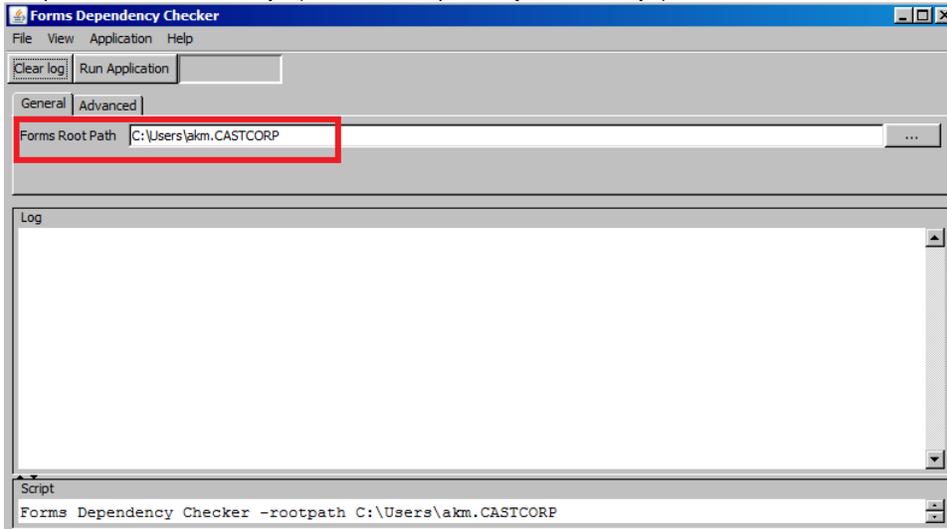
This section is not applicable for this page.

RDBMS	Yes/No
Oracle Server	NA
Microsoft SQL Server	NA
CSS2	NA

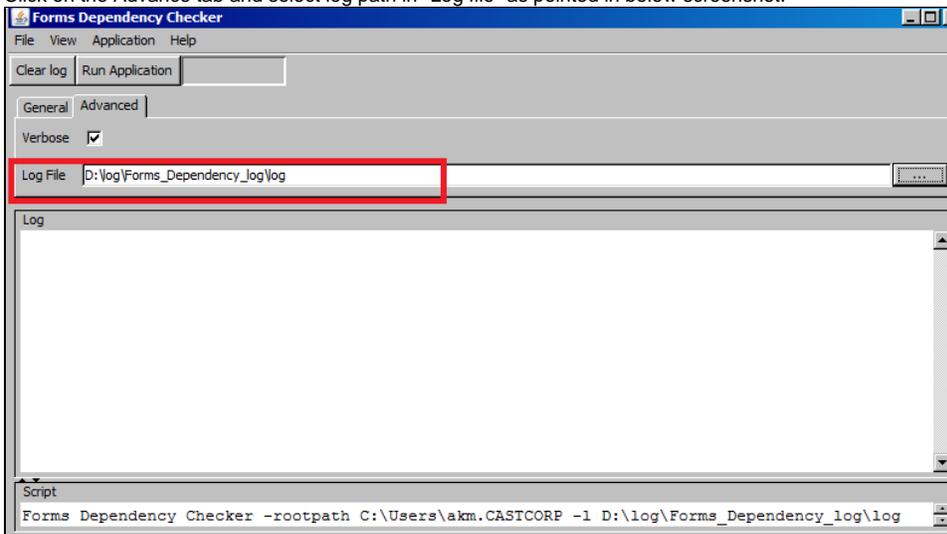
Steps to use the tool

1. Download the tool [CASTFormsDependencyCheckerGUI.zip](#)

- Unzip and double click on the jar (CASTFormsDependencyCheckerGUI.jar) to launch tool as shown below.



- Click on the "View" menu and select "Advance mode"
- Select the Forms source in "Forms Root path" in General tab as pointed in above screenshot.
- Click on the Advance tab and select log path in "Log file" as pointed in below screenshot.



- Click on "Run Application"
- Once it is finished, open log and notice the fmbs which are in dependency cycle.

8. This will be listed under "New cycle detected", example as shown below

```
New cycle detected:
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_act.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_doc.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_rem_me.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_note.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_my_act.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_inc.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX.fmb
New cycle detected:
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_act.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_doc.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_rem_me.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_note.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_my_act.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_as_inc.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX_pan_jump_go.fmb
C:\AKM\Source_1stfmb_2nd p11\Source\XXXX.fmb
Disconnected!

Forms files checked in 2943107 ms, 0 files checked [rate: 0 rows/s]
```

In the above example following fmb's are in cycle:

- XXXX.fmb
- XXXX_pan_as_act.fmb
- XXXX_pan_as_doc.fmb
- XXXX_pan_rem_me.fmb
- XXXX_pan_as_note.fmb
- XXXX_pan_my_act.fmb
- XXXX_pan_as_inc.fmb
- XXXX_pan_jump_go.fmb



If you face any problem while using the tool, please contact [Cast Technical Support](#)

Notes/comments

This tool can be used before packaging your Forms application in order to check if there is any dependency circle between fmb files.

Related Pages