

## SRDC - Required Information for Diagnosing ADF/JDeveloper Application Migration (Doc ID 2263402.1)

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### Applies To

#### Product:

- Oracle JDeveloper - All Versions
- Information in this document applies to any platform

### What is being collected and why?

The process outlined below will guide the user through collecting diagnostic data, which will help Support narrow down the cause of your problem.

The main idea of this recollection is to check whether the problem may be reproduced in a different environment.

- What is needed initially is the original application as it was BEFORE the migration takes place. This needs to be a fully running version of the application in the starting JDeveloper version. This app will be used to verify it can be run in the starting release of JDeveloper, and to attempt the automated migration process in order to reproduce whatever problem was seen.
- When the automated migration takes place, we need to ensure all the log messages are captured completely. The idea is to get the complete log and not just a portion of it. For large applications, this log can be very large. The migration of an application can lead to a very wide variety of problems, because the process is complex.

**Safe Harbor Statement:** Oracle will use this information to help diagnose the cause of the issue. In many cases this set of information will be sufficient for diagnosis - in some cases additional specific diagnostic data may be required at a later stage.

### Action Plan

First of all, ensure you are using a certified or supported migration path. You cannot freely move from any JDeveloper version to another one. There are some preferred options and restrictions. You may need to follow a multi step migration, ensuring to have the application completely functional in any intermediate step before moving to the next. For details on this procedure, check [Note 2000002.1](#) "**Migrate ADF Application between Different Versions (10g, 11gR1, 11gR2, 12cR1, 12cR2)**".

If the migration steps were followed correctly and you are still experiencing problems, gather the following information:

- 1) Get a copy of the original application source code to upload to the Service Request.
- 2) If there is any issue with the automated migration process, then start JDeveloper from the command line with an additional parameter, as instructed below
  - a) Open a Command Line console
  - b) Navigate to JDeveloper folder where the binaries are found
  - c) Execute "jdev" adding some additional parameters:

```
jdev -J-DmigrationDebug=true > output.log 2>errors.log
```

- d) Open a copy of the original version of the application, in order to force the migration wizard to kick in and reproduce any issue that may occur in this procedure.
- e) After issue is reproduced, upload the files "output.log" and "errors.log" that should exist in the folder, along with the full migration log shown in JDeveloper Log panel.

3) If there is any issue after the automated migration ended, then provide a copy of the migrated application, this is AFTER all changes were done, automated and manual.

4) If the migration problem is seen while deploying or running the migrated app, ensure to capture the log output completely. Managed Server log files are found in folder [DOMAIN\_HOME]/servers/[servername]/logs.

- [servername].log, and system generated backup files [servername].log[nnnnn] for the relevant time period
- [servername]-diagnostic.log.
- [servername].out

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