



JDE Fat Clients

Goodbye Local Database!

By Tim McMurdo

E1 Editor's Note: Enhancements from Oracle are exciting because they keep us moving forward, and they might even save us work and time! That is definitely the case with this 9.2.5.x enhancement to remove the traditional local database from the fat client, and instead move this functionality to the centralized database of your JDE infrastructure. The result is a much faster installation of the fat clients, and by removing the dependencies and challenges associated, simplifies the entire process. Yes!

Introduction

This article discusses the changes implemented in tools 9.2.5.x that no longer require a local database to be installed on JDE fat clients. This database is commonly referred to as E1Local or JDELocal. This change significantly helps CNCs with installing and maintaining workstations. This article identifies why this change is significant and the new process of maintaining the fat client as well as how and what replaces this dependency.

A little background...

For those of us that have had to install and maintain the JDE fat client over the years, we can relate to the challenges associated with this task. The dependencies and requirements have changed over time, whether it was an MSDE or Microsoft (SSE) database or Oracle (OEE) database (depending on your tools release) and of course, additional configurations were required such as setting your Windows path variable, Oracle Home variable, 32bit vs 64bit, database clients, encryption settings, local backups, checked out specs, etc. See Table 1.

It was not only challenging to diagnose at times, but it was also time consuming to download all the requirements, especially installing the E1Local databases. On some systems that I have worked on, it has

taken over an hour just for the E1Local database installation to complete.

JD Edwards	Tools Release	Supported Local Database
9.0	8.98	Microsoft SSE Oracle 11.2.0.1.0
9.1	9.1.2 - 9.1.3	Oracle 11.2.0.1.0
9.1	9.1.4 - 9.1.5	Oracle 12.1.0.2.0 Oracle 11.2.0.1.0
9.2	9.2.1	Oracle 12.1.0.2.0
9.2	9.2.2 - 9.2.4	Oracle 12.2.0.1.0 Oracle 12.1.0.2.0
9.2	9.2.5	Not required
9.2	9.2.6.x	Not required

Table 1: Fat client database requirements

Why is this such a beneficial enhancement? The answer is easy, as of Tools 9.2.5.x - the process has been simplified. It removes the requirement of the local database and instead moves this functionality to the centralized database of your JDE infrastructure. New tables were created to provide this functionality in the central objects database that keeps track of the development changes that used to be stored in the local database. This enhancement solves many problems such as simplifying the installation process, streamlining infrastructure backups, and reducing risks associated with development client corruption. Additionally, less storage requirements and less memory resources are required for the JDE development client.

The time associated with installing the JDE development client was significant – anywhere from 4 to 8 hours, depending on how many path codes were being configured. This process now takes between 15 to 30 minutes.

New Tables Added

To facilitate this change, Oracle delivered new tables that store the applicable changes being made by developers until they are ready to be checked in and deployed. Table 2 shows a list of the tables that were added as of Tools 9.2.5. They are stored in the DV920 – Central Objects data source (see Figure 1).

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