JDEtips
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DATABASE

Looking at JDE From the Database Layer
Things to Consider

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Editor's Note: The JDE database often looks like a black box to those outside the CNC world. In this article, Tim McMurdo helps demystify the CNC world by answering questions he is frequently asked at client sites. He also includes many SQL queries to help you maintain the integrity of your database.

Introduction

The JDE database is often a mystery to many. We all know there is a database behind the scenes, but how does it work? Why are there so many schemas and how do they interact with each other? Which database should we implement?

These are some of the questions that I will clarify.

Supported Databases

Oracle EnterpriseOne (aka JDE), is very flexible and supports many types of databases on a variety of platforms. This flexibility allows businesses to have options when choosing their platform (usually aligning with their existing infrastructure and internal skillsets).

Fortunately, regardless of the database platform, the table structure between all platforms is the same. Oracle database, MS SQL database, DB2 - no problem – they will have the same schemas / owners, tables. My Oracle Support provides an excellent tool to identify the supported versions using the *Certifications* functionality.
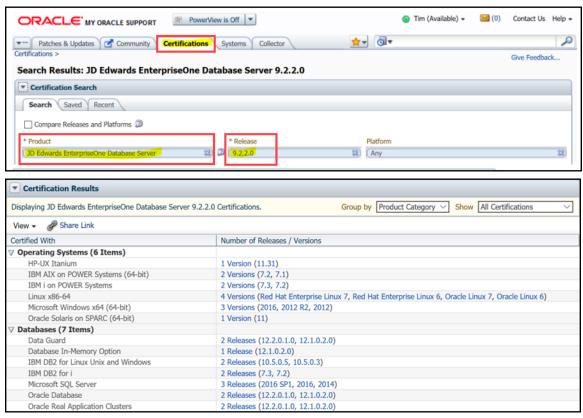
Figure 1: Oracle Certifications via My Oracle Support.

Schemas, schemas, schemas… Why so many?

Let's fast forward a little; you have consulted with the internal business and technical folks. You have selected your database of choice. Congratulations! What's next?

The JDE database can be overwhelming when you work with it directly the first time. The table names don't mean much, data is spread all over between different schemas, oh my, how do we make sense of all this? Don't worry, there is a method to the madness, and it's quite slick and easy to understand, of course, once you learn it.

Let's start at the high level. JDE 9.2 (out of the box) has many schemas. Each schema has a primary designated purpose.

Figure 2 shows the schemas/owners for an Oracle database.

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