

**Session 57110**  
**Top 10 Reasons To Add SQL Indexes To JD Edwards**  
**EnterpriseOne**

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# Ground Rules

- Please set cell phones to stun
- Feel free to ask questions, I may defer until the end of the session or offline.

# Cleindori Consulting, LLC

- New consulting firm
- Specialize in JDE CNC and IBM i
- Other services include
  - Contract Programming
  - System health checks
- Web site: [www.CleindoriConsulting.com](http://www.CleindoriConsulting.com)

# Reason for presentation

- These observations cross all platforms
- Developers and exec's tend to not want to mess with the software, except for what they want to mess with.
- Hopefully you will be able to use some of these to convince your execs.

# Reason 10. Money

- Cycles are cheap, People are expensive
- Well designed strategy improve response time
- CPU's are expensive, disk is cheap

# Reason 9. Write once, Read many

- The number of times data is accessed for update is normally counted in the 10's
- The number of times data is accessed for read is numbered in the 1000's and up

## **Reason 8. What's a purge?**

- How many of you have a regular purge schedule? How about NO purge schedule?
- If you can't purge, what if you can get the system to ignore 99% of the data?

# Reason 7. Ad-hoc Query Tools

- Tools are great, but completely unpredictable
- You get to build that report over F0901, F0911, F4201, and F4211 (and or F42119)



## **Reason 6. 3<sup>rd</sup> Party Add-ons**

- Security software
- Forms software
- A plethora of other ones

## Reason 5. Modifications

- Always a need for 'Just that one other piece of information'
- There is normally no efficient way to get to it

# Reason 4. Custom Reports

- Everyone has them
- No way to for Oracle to predict what you will build
- Reports are always over big files

## **Reason 3. Dashboards**

- CEO's (and Managers) love them
- Nothing is worse than a CEO waiting for YOUR system
- It doesn't matter if the dashboard does everything if it is slow

## Reason 2. Row Security

- Oracle can't predict what you will include
- SQL uses a BETWEEN to implement
- Some systems get 2 for 1 bonus for an index

# Reason 1. QBE

- Users are VERY creative
- Sometimes there's even a business reason for why they do QBE like they do
- Shipped indexes represent how Oracle thought you should use your system, not how you do.

# Reason 0. Your Health and Sanity

- Fewer calls in the middle of the night
- People don't go out of their way to tell you how SLOW your system is
- Your users don't blame you because they don't like the software (is there any software they like?)