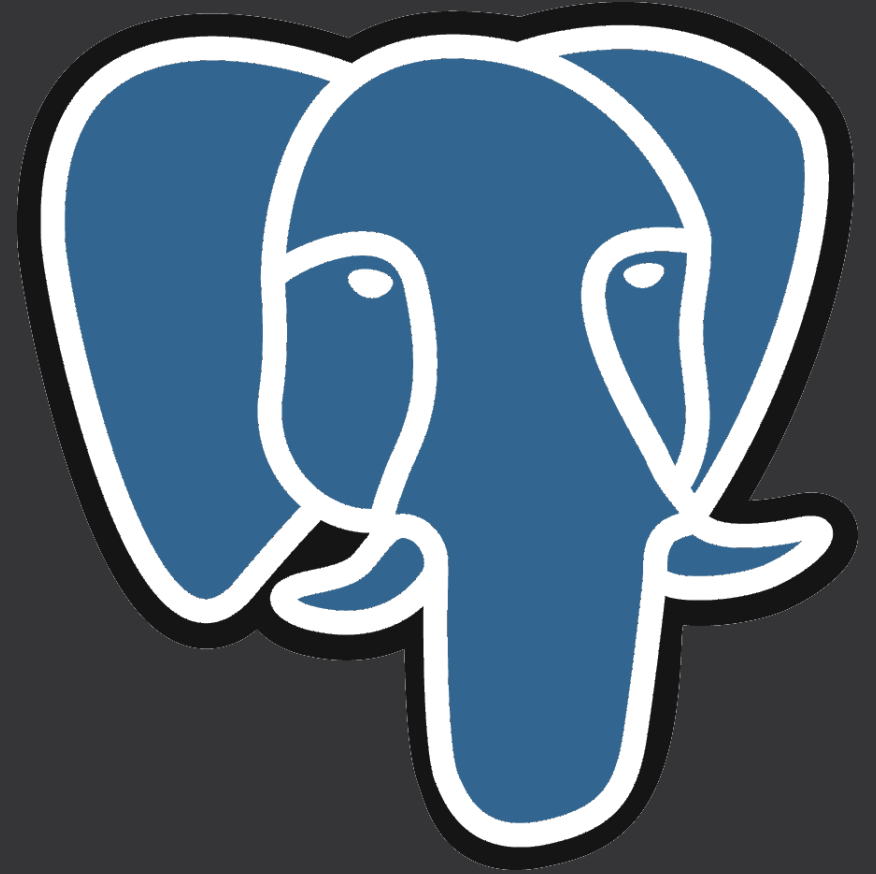


4/26/2016

# RMPC on 'PostgreSQL'

New Server & RDBMS Migration Project



# New System Architecture

- ❑ Linux-based virtual server, enterprise level
- ❑ Running Cent-OS
- ❑ Running PostgreSQL RDBMS software

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The project was completed entirely in-house & and has worked out well for us.

# Biggest Challenges

- ❑ Configuring the Oracle-to-Postgres (“Ora2Pg”) tool
- ❑ Writing the automated data-migration program
- ❑ Addressing syntax differences
- ❑ Converting the PSC Format load/validation programs
- ❑ Converting the RMIS Analysis System (RAR)

# Primary Reasons for Migration

- ❑ We had an aging server
- ❑ We were getting poor value for our investment with Oracle RDBMS
- ❑ We seek to improve integration with pre-existing application software
- ❑ We seek better utilization of our own software expertise & training

# Over the Next Period

- ❑ Optimizing database tables & indexes for performance
- ❑ Optimizing memory resource usage & disk resource usage
- ❑ Building new capabilities such as web services & improved reports