An OLS/CTMS Changeling

Jason Essig DBMS Consulting, Inc. OHSUG, 2010

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Introduction

- Many thanks to the OHSUG for the opportunity to present this poster.
- Many thanks to the OHSUG Planning and Review Committee for their infinite patience in receiving and expeditious review of this presentation.



Introduction (cont'd)

- This presentation will show how to use Oracle database objects to link Siebel CTMS and OC so that OC data can be displayed in Siebel Clinical in real-time.
 - Scenario
 - Instructions
 - Summary



Scenario

- We want to show live data in CTMS regarding subject visits, as recorded in Oracle Clinical / RDC.
- In CTMS, we create an OC Subject Visits view under Site Management, to display all subject visits for the selected site.
- We also create an applet to display OC Subject Visits under Subject, so that a CRA or a manager can see the OC record of subject visit status.

...without any VBC/EBCs, integration objects, or inserting a single record!



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Instructions

- Create View in OC database. 1.
- Create custom table in Siebel Tools, and apply to 2. schema.
- Drop the custom extension table on the backend. 3.
- Create Database Link between CTMS and OC databases. 4
- Create a new View in the CTMS database with the same 5. name as the custom extension table, that Selects from the View in the OC database.
- Create new objects in Siebel Tools using the new 6. "table".

Create a new View in the OC database

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Create a new View in the CTMS database

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Create new objects in Siebel Tools (continued)

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Using this technique you will be able to:

- Quickly answer some common Siebel CTMS integration requests.
- Create integration solutions that do not require scheduling, error checking, or execution logging.
- Offer users the ability to securely peer into any remote Oracle system from the comfort of their Siebel CTMS.



Restrictions

The data presented in CTMS that is in the Oracle Clinical database will be read-only in Siebel. This is usually desirable anyway as Oracle Clinical / RDC will be the system of record.

Relationships with Extension/Intersection Tables

 Custom Siebel Extension/Intersecton Tables are a good way to make the read-only data from OC appear to contain editable fields. Just create a new extension table to your new "table".

Migrations & Legacy Systems

- Dev2prod will (re)create the physical table, a manual table drop and (re)creation of the View is required post-migration.
- This concept could be used to selectively offer legacy data access after a new CTMS is implemented as a replacement.



Thank You

Q&A, please contact:

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