

How To: Disable Surrogate Keys to Support Drill-Through



How-To #:	10083108
Last Revised:	2010-10-28
Product(s):	MDX Provider for Oracle OLAP as of v1.5.1.6
Related Software:	Oracle Database 11.2.0.1 or later is needed for Drill-Through Microsoft Excel 2007 and 2010 are drill-through capable clients
Platform(s):	Any Windows PC that meets the requirements described in the MDX Provider for Oracle OLAP User and Admin Guide

Overview

In an Oracle Analytic Workspace (AWM) dimension, each member must be unique across all levels. Because each level may be mapped to a different relational column, this uniqueness is seldom enforced in the source data. To ensure uniqueness among levels, you can create surrogate keys by adding a level prefix to the members while loading them into the dimension. By default, Oracle AWM generates a surrogate key for each member in the dimension.

As of version 1.5.1.6 of Simba's MDX Provider for Oracle OLAP, the Drill-Through feature does not support the use of surrogate keys.

Symptom of Enabled Surrogate Keys

If surrogate keys are enabled in the cube when drill-through is attempted on a cell, the data source appears to be queried, but no data is received, and the drill-through worksheet only shows header rows and no underlying records that would have been aggregated to form the measure cell's value.

How to Disable Surrogate Keys on a Dimension

The screenshot below shows Oracle AWM where you can disable surrogate keys on a dimension.

