

# 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.

