

Configurator Intelligent Product Numbers based on Customer Selections

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Objectives

- As a result of this presentation, you will be able to:
 - Build product numbers based on the components selected by a customer.
 - Manage the item master by validating against existing items and reusing items when available.
 - Implement intelligent item numbers that are both meaningful and reusable.

Speaker's Qualifications

- Brian J Looman is Director of Technologies for Greybrooke Consulting, Inc.
 - Combination of business and technical expertise
 - Over 11 years of hands-on functional and technical experience working with Oracle Applications and business processes
 - Process & Discrete Manufacturing, Order to Cash, Procure-to-Pay, Supply Chain Planning & Management, Daily Business Intelligence, Data Warehousing, and numerous custom applications

Agenda

- Introduction
- Challenge
- Solution
- Implementation
- Q & A

Introduction

- Oracle Configurator is a very flexible and dynamic tool for building complex customer-specific products. Using this same flexibility, along with an advanced Configurator Developer extension, these customer selections can be used to generate and reuse intelligent product numbers.

Challenge

- Oracle Configurator can create a large number of items that can quickly get out of hand, and usually these item numbers are seldom be meaningful.

Solution

- Use Oracle Configurator Developer
 - Setup text features
 - On Model
 - On Components and Options
 - Plug in the Configurator extension
 - Build the Java extension
 - Rule applied when saving Configuration
 - Customer orders these items
 - Selections dynamically build the item number
 - Reuse item numbers when available

Implementation

- Setup Text Features
 - Prefix with identifier
 - Add Text Feature for dynamic item number
 - At Model Level
 - Default value with the generic Item Structure
 - Add Text Features to components and options
 - Those nodes that will build the item number
 - Default value is item segment position[s] and value[s]

Implementation

- Plug in the Configurator Extension
 - Build the Java Extension
 - Loops through item nodes
 - Collects Features specific to the Item Number
 - Updates Item Number with new segment values
 - Rule applied when saving Configuration
 - Add a rule to the Configuration
 - Use preConfigSave() event

Implementation

- Customer orders these items
 - Selections dynamically build the item number
 - Item Number updated for these associated Options and Components
 - After all selections made, item is ready to be saved
 - Reuse item numbers when available
 - Upon booking, Oracle calls the custom item package
 - If item number exists, then reuse the same item.

Q & A

For More Information...

or to discuss how you could leverage Configurator Intelligent Product Numbers for your organization please visit us at the OAUG Partner Pavilion in the exhibit hall

