Workshop: Advanced Reports Authoring

Infor10 EAM v10.1
Advanced Reports Authoring
Introduction

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- Technical Consultant (5 years Cognos Experience)
- Main goal of this workshop to create report in Cognos and link to EAM
Advanced Reports Authoring – Agenda

- Workshop Advanced Reports Authoring:
  - Cognos Components
  - Data Model/Framework
  - Cognos Report Studio
  - Create Simple Report
  - Format Reports
  - Create Fixed filter
  - Create Parameter
  - Variables
  - Master Detail
  - Display Cognos Reports in Infor EAM
  - Transferring Reports from one System to Another
  - Create simple report using own queries
  - EAM Functions
Advanced Reports Authoring – Cognos Components

- **Cognos Connection** — The start center for report authoring and administration, displaying all folders and packages. (Also called Report Designer.)

- **Framework Manager** — High end tool used for creating the meta layer of database information from which users can create reports, similar to Discoverer business areas.

- **Query Studio** — Lower end tool for creating queries. Is part of Report Studio.

- **Report Studio** — The primary report authoring component.

We will focus on **Report Studio**
Advanced Reports Authoring – Data Model/Framework

Data Model / Framework

- Infor1OEMAPackage
  - Physical
    - Archive
    - Asset Sustainability
    - Asset Tracking
    - Base
    - Budget
    - Call Center
    - Commercial Services
    - Databridge
    - Datawarehousing
    - Dataspy
    - Finance
    - Inspection
    - iProcure
    - Materials
    - Mobile
    - MSPProject
    - Objects
    - Purchasing
    - Portlet
    - Projects
    - Parameters
    - ReportFunctions
    - Work
    - Views
Advanced Reports Authoring – Create Simple Report
Advanced Reports Authoring - Format Reports

- Grouping
- Ordering
- Reorder columns
- Colours
- Summarize
- Calculate
- Header and footer
- Add page
Fixed filter
1. Create Parameter
2. Assign to Query
R5_xxxxx Parameters

Double-click to edit text

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>R5_FUNC</td>
<td></td>
</tr>
<tr>
<td>R5_LANG</td>
<td></td>
</tr>
<tr>
<td>R5_USER</td>
<td></td>
</tr>
<tr>
<td>R5_VERSION</td>
<td></td>
</tr>
<tr>
<td>R5_CONFIDENTIAL</td>
<td></td>
</tr>
<tr>
<td>R5_ORG</td>
<td></td>
</tr>
<tr>
<td>R5_DEFORG</td>
<td></td>
</tr>
<tr>
<td>R5_FRONTPG</td>
<td></td>
</tr>
</tbody>
</table>
1. Create variables
2. Assign variables

- Select the 'Style Variable' option and enter 'ShowDetail' as the variable.

- Use the Condition Explorer outside of this dialog to navigate to the desired condition, then perform the conditional authoring.
Master Detail
1. Create report functions for Cognos report
2. Specify parameters for reports

3. Add ReportNet report in menus for user groups
Transferring Reports from one System to Another

**Tools**
- Open Report from Clipboard
- Copy Report to Clipboard
- Validate Report
- Validate Options
- Auto Correct
- Show Generated SQL/MDX
- Show Specification
- Show Specification (Selection)
- Manage Conditional Styles
- Layout Component Cache
- Build Prompt Page

**Source**
- Infor 10EAMPackage
  - Physical
  - Logical
Create simple report using own queries
EAM Functions ➔ Create Data Item

- **REPGETADDTEXT** - Returns comments Ordering
  ➔ REPGETADDTEXT ('PROD', 'EN', [ORD_CODE])

- **REPCUSTOMATTRIB** – Returns custom field values Colours
  ➔ REPCUSTOMATTRIB ([ORD_CODE], [ORD_ORG], 'TEST', 'PORD', 'R5')

- **REPGETDESC** - Returns description of code
  ➔ REPGETDESC ('EN', 'PORD', [ORD_CODE], NULL, NULL)
Questions?
Advanced Reports Authoring