

# Outbound File Based Integrations with External BI Extracts

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# Introductions

- Take 5 Minutes
- Turn to a Person Near You
- Introduce Yourself
- Business Cards



# Agenda

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- Problem statement
- Traditional approaches
- Data Extract Goals
- Rego Data Extractor Tools



# Part I: Problem Statement

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# Problem Statement

- My data has been taken hostage
- “CA PPM eats like an elephant, and poops like a mouse”
- How do we get data out of PPM?
- How do we get A LOT of data out of PPM?

# Part II: Traditional Approaches

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# Traditional Approaches

- Database link
  - Fast
  - Resource inexpensive
  - Not available for SaaS environments
- Export to Excel, Portlets, Reports
  - Slow
  - Resource expensive
  - Narrow scope
- Query as a Web Service (QaaWS)
  - Slow
  - Resource expensive
  - Narrow scope
  - 50,000 record pages
- GEL Script / Interface
  - Fast
  - Inexpensive
  - Narrow Scope

# Part III: Data Extract Goals

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# Data Extract Goals

- Goals
  - Large data volume
  - Efficient
  - Broad scope of data
  - SaaS compliant
  - Easily maintained

# Part IV: Rego Data Extractor Tools

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# Data Extractor List

- Allows any number of extracts to be defined
- Captures statistics
  - Last Exported Date
  - Records produced in last run
  - Execution time of last run

<input type="checkbox"/>	Name	Extract Group	Active	Extract Order▲	Output File Path	Output File Name	File Extension	Last Exported Date	Error	Last Exported Records	Last Exported Elapsed Time(s)
<input type="checkbox"/>	DWH_CMN_MV_LOOKUP		✓	1	/fs0/clarity1/share/	DWH_CMN_MV_LOOKUP_	.csv	1/24/18 1:25 PM		0	0.06
<input type="checkbox"/>	DWH_CMN_OBS_HIERARCHY		✓	1	/fs0/clarity1/share/	DWH_CMN_OBS_HIERARCHY_	.csv	1/24/18 1:25 PM		0	0.39
<input type="checkbox"/>	DWH_CMN_PERIOD		✓	1	/fs0/clarity1/share/	DWH_CMN_PERIOD_	.csv	1/24/18 1:25 PM		0	0.02
<input type="checkbox"/>	DWH_CMP_COMPANY		✓	1	/fs0/clarity1/share/	DWH_CMP_COMPANY_	.csv	1/24/18 1:25 PM		0	0.30
<input type="checkbox"/>	DWH_FIN_BENEFIT_PLAN		✓	1	/fs0/clarity1/share/	DWH_FIN_BENEFIT_PLAN_	.csv	1/24/18 1:25 PM		0	0.02
<input type="checkbox"/>	DWH_FIN_DEPARTMENT		✓	1	/fs0/clarity1/share/	DWH_FIN_DEPARTMENT_	.csv	1/24/18 1:25 PM		0	0.00
<input type="checkbox"/>	DWH_FIN_ENTITY		✓	1	/fs0/clarity1/share/	DWH_FIN_ENTITY_	.csv	1/24/18 1:25 PM		0	0.03
<input type="checkbox"/>	DWH_FIN_LOCATION		✓	1	/fs0/clarity1/share/	DWH_FIN_LOCATION_	.csv	1/24/18 1:25 PM		0	0.00
<input type="checkbox"/>	DWH_FIN_PLAN		✓	1	/fs0/clarity1/share/	DWH_FIN_PLAN_	.csv	1/24/18 1:25 PM		0	0.02
<input type="checkbox"/>	DWH_FIN_TRANSACTION		✓	1	/fs0/clarity1/share/	DWH_FIN_TRANSACTION_	.csv	1/24/18 1:25 PM		0	0.00
<input type="checkbox"/>	DWH_FIN_VENDOR		✓	1	/fs0/clarity1/share/	DWH_FIN_VENDOR_	.csv	1/24/18 1:25 PM		0	0.02
<input type="checkbox"/>	DWH_INV_ASSIGNMENT		✓	1	/fs0/clarity1/share/	DWH_INV_ASSIGNMENT_	.csv	1/24/18 1:25 PM		0	0.00
<input type="checkbox"/>	DWH_INV_IDEA		✓	1	/fs0/clarity1/share/	DWH_INV_IDEA_	.csv	1/24/18 1:25 PM		0	0.00

# Data Extractor Configuration

- Extracts can be configured in CA PPM

The screenshot displays the 'Data Extractor Configuration' window, which is divided into two main sections: 'General' and 'SQL'.

**General Tab:**

- ID:** DWH\_CMN\_MV\_LOOKUP
- Name:** DWH\_CMN\_MV\_LOOKUP
- Active:** ☒
- Data Warehouse Database:** ☒
- Output File Path:** /fs0/clarity1/share/ (Example: /fs0/clarity1/share/ )
- Output File Name:** DWH\_CMN\_MV\_LOOKUP\_
- File Extension:** .csv (Example: .CSV )
- Separator:** |
- Include Headers:** ☒
- File Date Format:** yyyy-MM-dd (Example: yyyy-MM-dd'T'hhmmss )
- Embed in Double Quotes:** ☐
- Batch Size:** (If a value is supplied here then the number of records per file will be limited to the value. )
- Compress:** ☐
- Produce Empty Files:** ☒
- Extract Order:** 1 (Order in which extracts are processed )
- Extract Group:** [--Select--] (Use to group extracts. Selectable from the job. )

**SQL Tab:**

- SQL:** select \*  
from DWH\_CMN\_MV\_LOOKUP  
where 1 = 1

# Questions?



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