

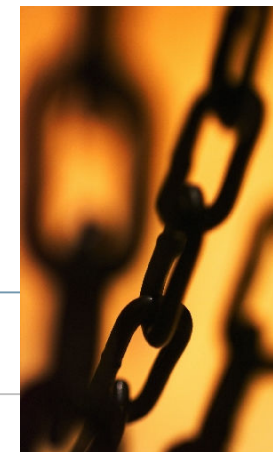
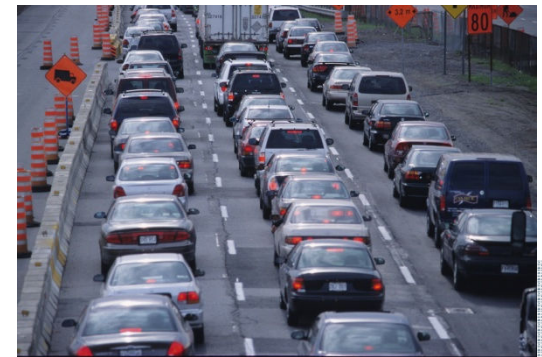
> Automate Report Delivery with the ShowCase Suite

Kathy Konkel
Manager, Product Marketing
SPSS, Inc.

> Reporting Challenges

SPSS

- Emailing latest versions of reports to end users
 - Which is the latest version?
- Users manually running weekly/ monthly reports
 - Everyone hitting the system at once
 - They only want to see relevant information
- Sets of reports that need to be run after data warehouse updated
 - How do you know when the warehouse is updated?



> ShowCase Suite with PASW Collaboration and Deployment Services



A flexible, enterprise level foundation for managing
and delivering reports



- Enables **collaboration** to deliver more effective results



- Provides reliable **automation** of reporting processes for hands off operations



- Makes it easy to **deliver** reports throughout the enterprise



> Centralized Repository for Report Definitions – Run from Web Browser

SPSS

The screenshot displays the SPSS Deployment Portal interface. On the left, a navigation pane shows a tree structure of folders: Report Templates, Reynders, Sales, Sample SC Reports (selected), SC iQueries, SC iReports, SC Local Queries, SC Local Reports, Spreadsheets, and spss. The main content area shows a report titled "Product Category Revenue.rpt" with a 3D bar chart. The chart has four bars labeled "Bicycles", "Camping", "Climbing", and "Skiing". The "Climbing" bar is highlighted in red. Below the chart, there is a progress bar with 10 segments, 9 of which are filled. A "Cancel Report" link is visible. A tip message says "Tip : Leave this page and check the results at ? [My Jobs](#)". Below this, a section titled "Notify me when this report has completed:" has two radio buttons: "Link" (selected) and "Attachment". A "Notify" button is at the bottom right.

Deployment Portal

Home Content Repository Preferences

Search

Content Repository

Report Templates

Reynders

Sales

Sample SC Reports

SC iQueries

SC iReports

SC Local Queries

SC Local Reports

Spreadsheets

spss

SPSS Resources

SPSS Users

ssktest

TagLib JSP Code

TagLib Reports

Uncategorized Documents

File: Product Category Revenue.rpt

1 / 1 52.9%

Bicycles Camping Climbing Skiing

Tip : Leave this page and check the results at ? [My Jobs](#)

Cancel Report

Notify me when this report has completed:

Send file as: ☒ Link ☐ Attachment

Notify

> Centralized Repository for Output Automate to Run Off-hours

SPSS

Deployment Portal

Home Content Repository Preferences My Jobs Model Management About Help

Search Go! Advanced Search Welcome rer Logout

[Content Repository](#)

Monthly Sales Report - Burs

- Anke Langbroek
- Annette Walters
- Astrid Naegels
- Brad Lee
- Christine Ferriere
- Don Miller
- Edmond Lem
- George Curtis
- James Kellerman
- Jody Ellis
- Jonathan Starr

Folder: Anke Langbroek

Showing 1 - 1 of 1 Documents

Refresh

View: Detailed | Compact

Sort by:

Showing

1 / 1 52.9% Find



January 2008

Monthly Sales Report

Anke Langbroek

Client	Order Number	Invoice Date	Invoice Total
Kangaroo Goods	40894	1/11/08	\$1,375.00
Total Invoiced			\$1,375.00
Grand Total			\$1,375.00

> Content Management

SPSS

The screenshot displays the SPSS Content Management interface. At the top, a document list shows 'Customer Orders by State.html' with columns for Sort by, Title, Author, Date Modified, and Mime Type. Below this, a 'Properties' dialog box for 'Sales Report - 02-15-2008.pdf' is open, showing the 'Versions' tab. A third dialog box, also for 'Sales Report - 02-15-2008.pdf', shows the 'General' tab with metadata fields.

Access to multiple versions of reports and output

Controlled access to content

Metadata for easy searching

Sort by:	Title	Author	Date Modified	Mime Type
	Customer Orders by State.html	RER	Sep 8, 2009 12:06:03 PM	HyperText Markup Language File

Keywords:
Description:

Properties

Version Management

LATEST

Showing 1 - 1 of 1 Document

Properties for Sales Report - 02-15-2008.pdf

General Versions Labels Permissions

Owner: ☐ Principal: -- everyone -- Permissions: Read Add Principal...

Properties for Sales Report - 02-15-2008.pdf

General Versions Labels Permissions

Title: Sales Report - 02-15-2008.pdf

Object URI: spsscr:///?id=0ac030b40120a6eb00000118aed27c77fa56

Author: Rod Reicks

Content Type: application/pdf

Last Modified By: admin

Modification Date: Feb 15, 2008 12:50:03 PM

Topics: Add Remove

> Content Subscriptions

SPSS

The screenshot shows the Deployment Portal interface. The top navigation bar includes links for Home, Content Repository, Preferences, My Jobs, Model Management, About, and Help. A search bar is located below the navigation bar. The left sidebar displays a tree view of the Content Repository, with 'JDE Reports' selected. The main content area shows the 'JDE Reports' folder, displaying a list of documents. A dialog box titled 'Subscription' is open, showing options to subscribe to updates for the selected file 'AccountLedger_Data.xls'.

Deployment Portal

Home Content Repository Preferences My Jobs Model Management About Help

Search Go! Advanced Search Welcome rer Logo

Content Repository > JDE Reports

Folder: JDE Reports Showing 1 - 4 of 4 Documents

Refresh View: Detailed Compact

Sort by:	Title	Author	Date Modified	Mime Type
	AccountLedger_Data.xls	PCOX	Apr 3, 2006 7:08:39 AM	application/vnd excel

Keywords:
Description:

Properties Subscription Version

Subscriber to be notified via e-mail of any changes or updates to this file

Subscribe: ☐ Yes ☒ No

E-mail Address: rreicks@spss.com

Send file as: ☐ Link ☒ Attachment

Save Cancel

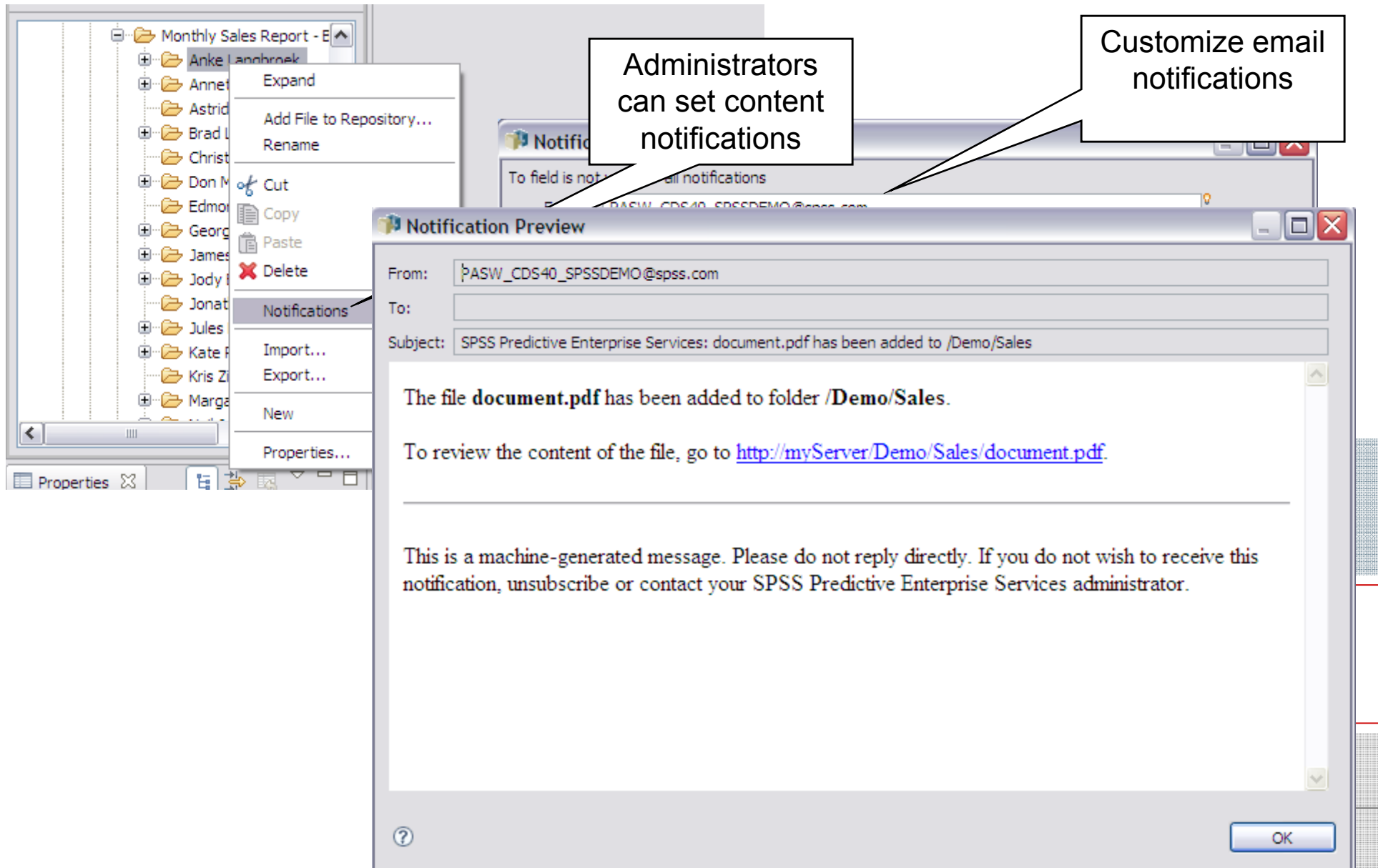
Users can subscribe to important content

> Content Notifications

SPSS

Administrators
can set content
notifications

Customize email
notifications



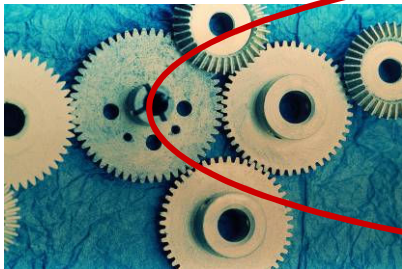
> PASW Collaboration and Deployment Services

SPSS

A flexible, enterprise level foundation for managing and delivering reports



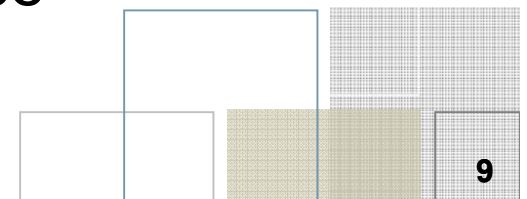
- Enables **collaboration** to deliver more effective results



- Provides reliable **automation** of reporting processes for hands off operations



- Makes it easy to **deliver** reports throughout the enterprise



> Automating Reporting Tasks: Jobs

SPSS

The screenshot shows the SPSS Deployment Manager window. On the left is a 'Job palette' with a tree view of job templates like 'Copy of Monthly Sales Report', 'Customer Burst', and 'Monthly Sales Report'. Below this is the 'Job Properties' pane showing fields for Author, Description, and Modification Date. The main area is the 'job canvas', which includes a 'Job Steps' list (Select, Relationships, Sequential, Pass, Fail, Conditional) and a 'General' tab with fields for Job Step Name, Report Definition, and Version Label. A callout points to the 'Monthly Sales Report - Burst' job in the canvas. Another callout points to the 'General' tab settings. A third callout points to the overall canvas area.

Deployment Manager: Your basic tool for automating work (among other things)

Job "palette" with pre-defined relationships and steps

Job "Properties"

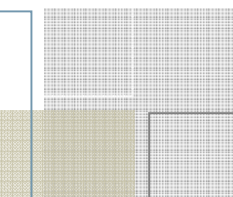
The job "canvas" provides a visual representation of your job

Property	Value
Author	RER
Description	
Modification Date	Feb 15, 2008 1:...

Job Step Name: Monthly Sales Report.rpt
Report Definition: /Sales/Monthly Sales Report.rpt
Version Label: LATEST

☒ Use internal Report Services
☐ Use external Enterprise Server
Enterprise Server: <auto-select>

Writable 20M/47M



> Connecting to the Data

SPSS

*Monthly Sales Report - Burst X

Use Datasource Tab to select credentials

Pass

Job Steps

Champion Challenger

General

Monthly Sales Report.rpt

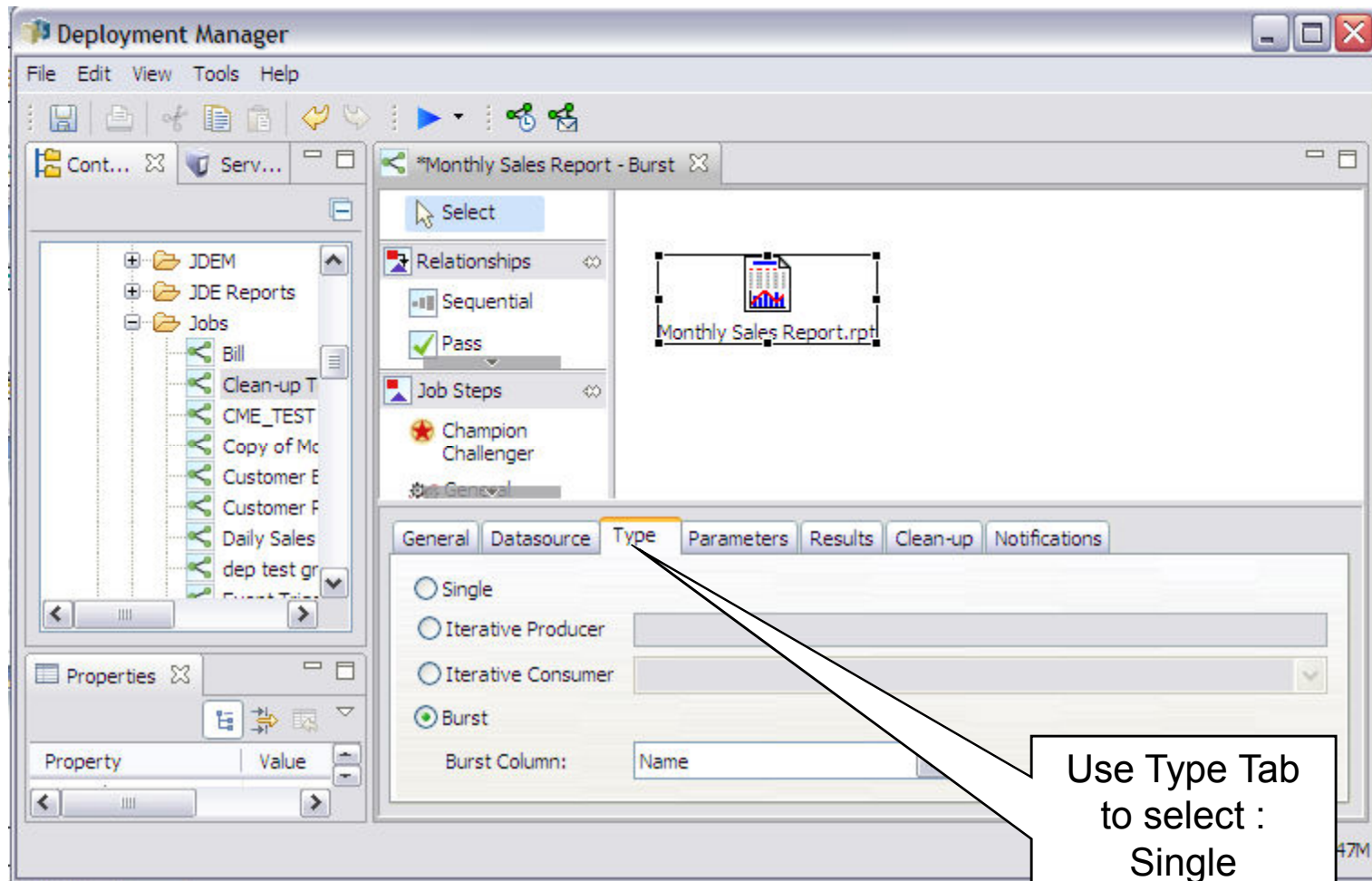
General Datasource Type Parameters Results Clean-up Notifications

Please select a login for each Datasource: Validate Datasource(s)

Datasource ▲	Login	Properties
SPSSDemo	SPSSDemo_RER (RER)	

< ||| >

> Types of Report Automation



Use Type Tab
to select :
Single
Iterative
Burst

> Iterative Reports

SPSS

Prompt = Name

Employees.dbq

Monthly Sales Report.rpt

General Datasource Type Parameters Results Clean-up Notifications

Single
Iterative Producer
Iterative Consumer Employees.dbq
Burst

Employees.dbq[(#m.0:2008-03-14 15:59:55.744 | #l.)]

	Manager Code	Employee name	Last Name	iSeries user profile	Division
1	BFF	Edmond Lem	Lem	LEM	North Amer
2	BFF	Stephen Orser	Orser	ORSER	North Amer
3	CAB	Anke Langbroek	Langbroek	LANGBROEK	Asia-Pacific
4	CAB	Prue O'Neill	O'Neill	ONEILL	Asia-Pacific
5	CAB	Rie Lin	Lin	LIN	Asia-Pacific
6	DAM	Christine Ferraro	Ferraro	FERRARONE	Europe

Folder: Edmond Lem

Refresh View: Detailed | Co

Sort by: Title ▲

[Sales Report - 09-13-2006.pdf](#)

Keywords:
Description: Iterative

Showing 1 - 1 of 1 Documents

Folder: Anke Langbroek

Refresh View: Detailed |

Sort by: Title ▲

[Sales Report - 09-13-2006.pdf](#)

Keywords:
Description: Iterative
13-2006.

Showing 1 - 1 of 1 Documents

> Burst Reports

SPSS

The screenshot displays the SPSS Report Writer interface for a report titled '*Monthly Sales Report - Burst'. The left sidebar contains a 'Select' button and a 'Job Steps' section with 'Champion Challenger'. The main workspace shows a report icon labeled 'Monthly Sales Report.rpt'. Below this, the 'Type' tab is active, showing the 'Burst' radio button selected. The 'Burst Column' is set to 'Name'. To the right, a file explorer view shows a folder structure: 'Sales' > 'Monthly Sales Report - Burst' > individual user folders (Anke Langbroek, Annette Walters, Astrid Naegels, Brad Lee, Christine Ferriere). Each user folder contains a 'Sales Report - 02-15-2008.pdf' file. Arrows point from the 'Monthly Sales Report.rpt' icon to the user folders and from the 'Name' dropdown to a text box stating 'Breakgroup = Name'.

Monthly Sales Report.rpt

General Datasource Type Parameters Results Clean-up Notifications

☐ Single
☐ Iterative Producer
☐ Iterative Consumer
☒ Burst

Burst Column: Name

Breakgroup = Name

Sales

- Monthly Sales Report - Burst
 - Anke Langbroek
 - Sales Report - 02-15-2008.pdf
 - Annette Walters
 - Sales Report - 02-15-2008.pdf
 - Astrid Naegels
 - Brad Lee
 - Sales Report - 02-15-2008.pdf
 - Christine Ferriere

> Using Report Parameters

SPSS

Use Parameters Tab to set any parameters

Select a value or map to a job variable and click OK

Prompt Variable Values

Enter Value For STATE:

☒ Specify a value:

CA

☐ Map to a variable:

OK Cancel

General Datasource Type Parameters Results Clean-up Notifications

Prompt Variable	Assignment	Required
STATE		N

This report uses a parameter called State: Click the ellipses to set

> Passing Parameters to Jobs

SPSS

The image shows two overlapping windows from the SPSS Deployment Manager and Deployment Portal. The **Deployment Manager** window on the left displays a project tree with 'Customers by state' selected. A callout box labeled 'Job Variables' points to the 'Job Variables' tab, which shows a table with 'State' as a variable. The **Deployment Portal** window on the right shows the 'Parameters' tab for the same job. A callout box labeled 'Job Step Parameter' points to the 'Parameters' tab. Below this, a 'Prompt Variable Values' dialog box is shown, allowing the user to 'Map to a variable'. At the bottom, a 'Job Prompts' dialog box is shown with a text input field for 'State' and 'Submit' and 'Cancel' buttons. A callout box labeled 'Initiate via Deployment Manager or Browser, enter prompts' points to the 'Job Prompts' dialog box.

Deployment Manager

Customers by state

Job Variables

Job Step Parameter

Parameters

Prompt Variable Values

Enter Value For STATE:

☐ Specify a value:

☒ Map to a variable:

Deployment Portal

Home Content Repository Preferences My Jobs Model Management About Help

Search Go! Advanced Search

Welcome rer Logout

Content Repository > Jobs > Customers by state

File: Customers by state Modified On: 9/8/09 12:02 PM

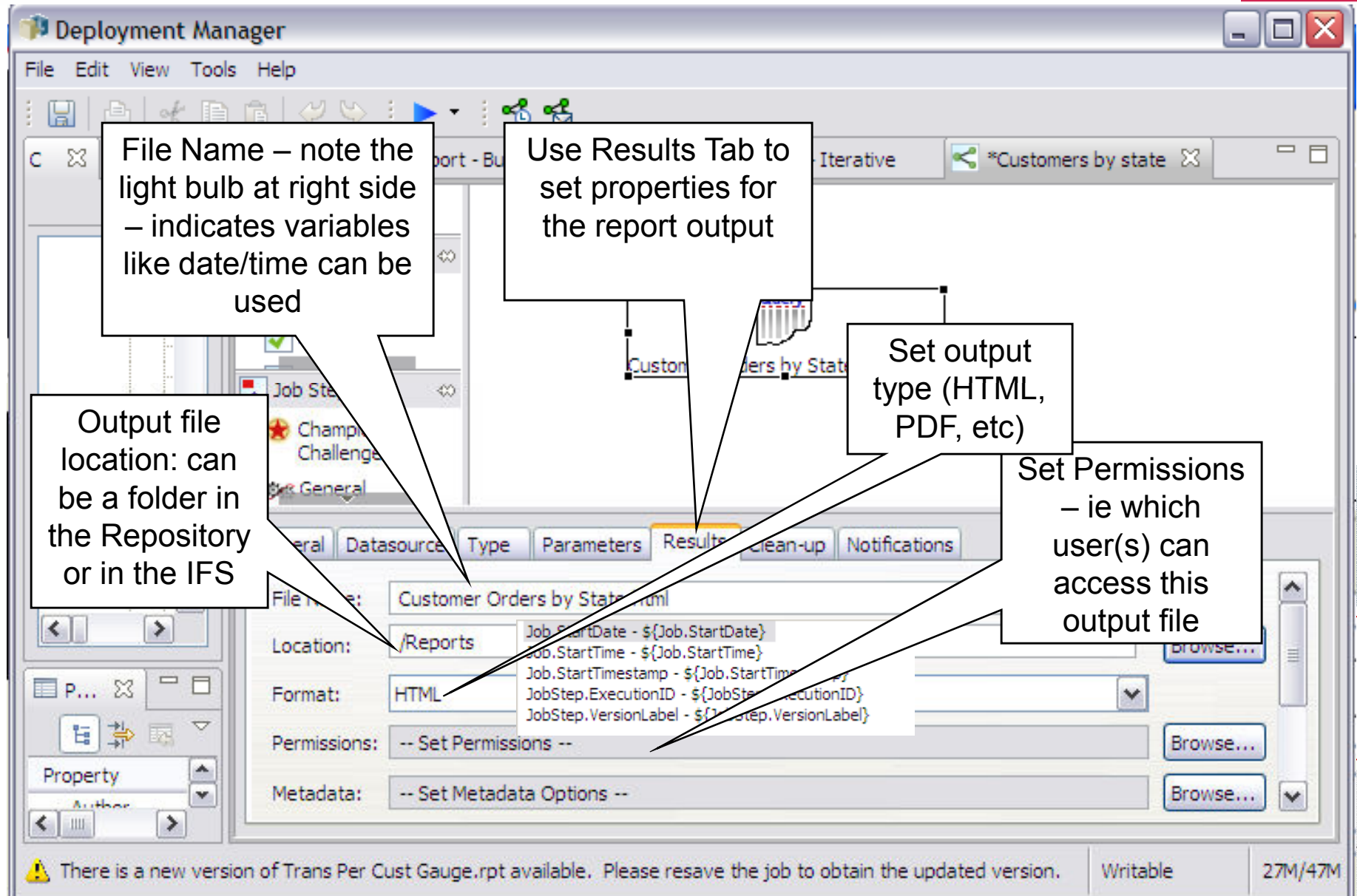
Job Prompts

State

Submit Cancel

Initiate via Deployment Manager or Browser, enter prompts

> What to do with Results



The screenshot shows the 'Deployment Manager' window with the 'Results' tab selected. The configuration for the report 'Customer Orders by State.html' is displayed. Callouts provide the following information:

- File Name** – note the light bulb at right side – indicates variables like date/time can be used
- Use Results Tab** to set properties for the report output
- Set output type** (HTML, PDF, etc)
- Set Permissions** – ie which user(s) can access this output file
- Output file location:** can be a folder in the Repository or in the IFS

The configuration fields shown in the 'Results' tab are:

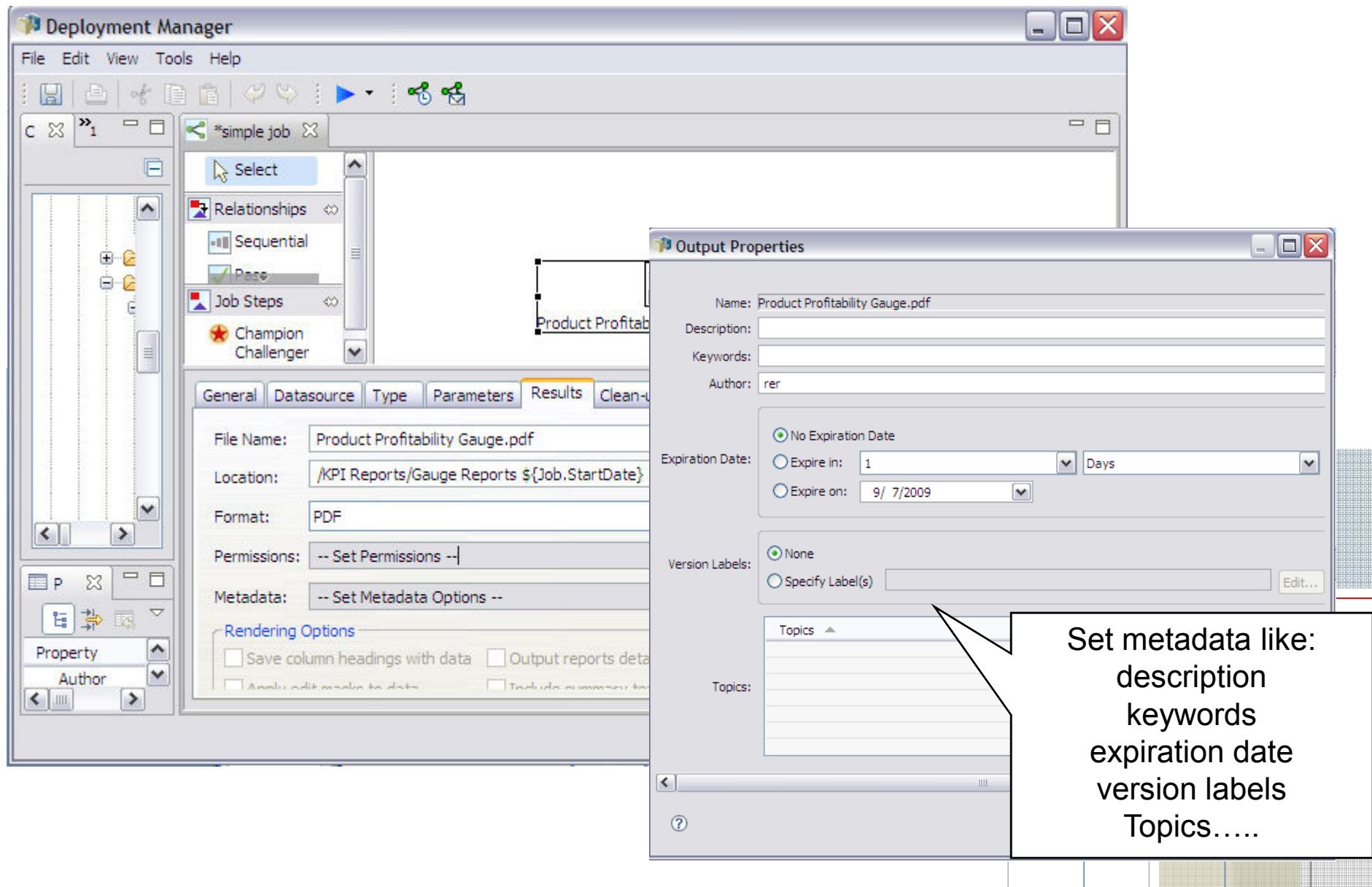
- File Name:** Customer Orders by State.html
- Location:** /Reports
- Format:** HTML
- Permissions:** -- Set Permissions --
- Metadata:** -- Set Metadata Options --

Additional fields visible include Job.StartDate, Job.StartTime, Job.StartTimestamp, JobStep.ExecutionID, and JobStep.VersionLabel, each with a light bulb icon indicating they are variables.

At the bottom, a status bar message reads: "There is a new version of Trans Per Cust Gauge.rpt available. Please resave the job to obtain the updated version." The status is 'Writable' and the progress is '27M/47M'.

> Setting Metadata

SPSS



The image shows two overlapping windows from the SPSS Deployment Manager. The background window is the main 'Deployment Manager' interface, displaying a project named '*simple job'. It has a left sidebar with a tree view and a central pane showing a 'Product Profitability Gauge' report. The foreground window is the 'Output Properties' dialog box for the 'Product Profitability Gauge.pdf' report. This dialog box has several tabs: 'General', 'Datasource', 'Type', 'Parameters', 'Results', and 'Clean-up'. The 'General' tab is active, showing fields for 'Name', 'Description', 'Keywords', 'Author', 'Expiration Date', 'Version Labels', and 'Topics'. The 'Expiration Date' section has three options: 'No Expiration Date' (selected), 'Expire in: 1 Days', and 'Expire on: 9/ 7/2009'. The 'Version Labels' section has two options: 'None' (selected) and 'Specify Label(s)'. The 'Topics' section has a list box with the word 'Topics' at the top. A callout box with a pointer to the 'Topics' list box contains the text: 'Set metadata like: description keywords expiration date version labels Topics.....'.

Deployment Manager

File Edit View Tools Help

*simple job

Select

Relationships

Sequential

Pass

Job Steps

Champion Challenger

Product Profitability Gauge

General Datasource Type Parameters Results Clean-up

File Name: Product Profitability Gauge.pdf

Location: /KPI Reports/Gauge Reports \${Job.StartDate}

Format: PDF

Permissions: -- Set Permissions --

Metadata: -- Set Metadata Options --

Rendering Options

☐ Save column headings with data ☐ Output reports data

☐ Append report parameters to data ☐ Append report parameters to data

Output Properties

Name: Product Profitability Gauge.pdf

Description:

Keywords:

Author: rer

Expiration Date:

☒ No Expiration Date

☐ Expire in: 1 Days

☐ Expire on: 9/ 7/2009

Version Labels:

☒ None

☐ Specify Label(s) Edit...

Topics

Topics:

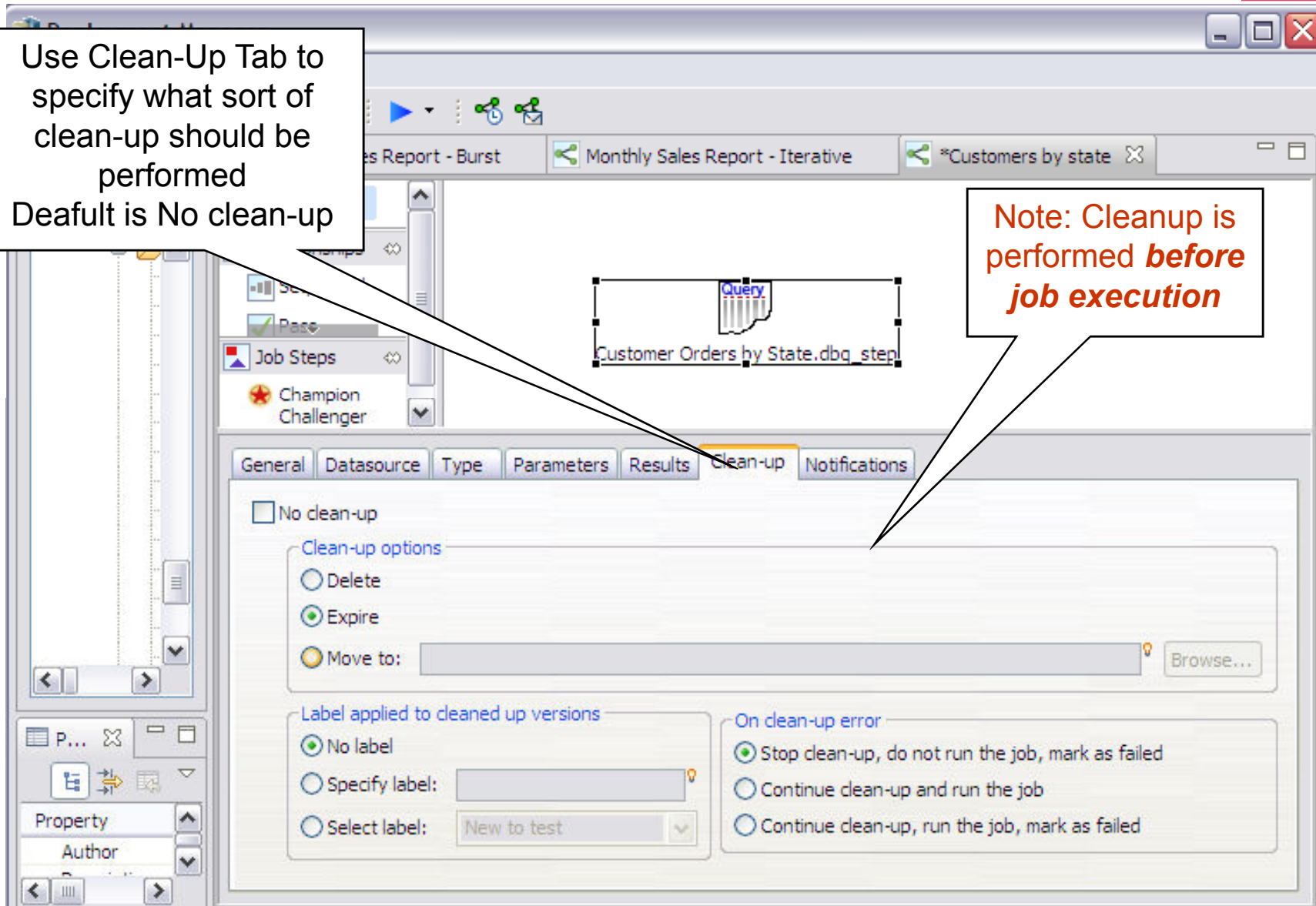
Set metadata like:
description
keywords
expiration date
version labels
Topics.....

> Cleaning up Previous Versions

SPSS

Use Clean-Up Tab to specify what sort of clean-up should be performed
Default is No clean-up

Note: Cleanup is performed **before job execution**



> Cleaning up Previous Versions

The screenshot shows the 'Deployment Manager' application window with the 'Clean-up' tab selected. The interface includes a menu bar (File, Edit, View, Tools, Help), a toolbar with icons for file operations and deployment, and a main workspace. On the left, there is a 'Job Explorer' pane showing a tree view of deployment jobs. The 'Clean-up' tab contains several sections: 'Clean-up options' with radio buttons for 'Delete', 'Expire', and 'Move to'; 'Label applied to cleaned up versions' with radio buttons for 'No label', 'Specify label', and 'Select label'; and 'On clean-up error' with radio buttons for 'Stop clean-up, do not run the job, mark as failed', 'Continue clean-up and run the job', and 'Continue clean-up, run the job, mark as failed'. Callout boxes provide detailed instructions for each option.

Select "Delete" to delete the output file from the prior job step execution

Select "Expire" to mark the output file from the prior job step execution as **expired**

Select "Move to;" To move the output file from the prior job execution to a different folder location in the repository

Specify or select a label to apply to the previous version that you are "cleaning-up"

Options if an error occurs on clean-up

> Job Step Notifications - Email

SPSS

The screenshot shows the 'Deployment Manager' window with the 'Notifications For Job Step Success' dialog box open. The dialog box has several sections and buttons:

- From:** PASW_CDS40_SPSSDEMO@spss.com
- To:** A table with columns 'E-mail' and 'Attachment'. The 'E-mail' column contains 'kkonkel@spss.com'. The 'Attachment' column has a dropdown menu with 'No' selected. A callout points to this dropdown: "Send link to the output file or send as an attachment".
- Subject:** SPSS Predictive Enterprise Services: Job step \${JobName}/\${JobStepName} complete
- Message:** A text area containing HTML code for an email body. A callout points to this area: "Customize e-mail text (Velocity script)".
- Buttons:** Remove Notification(s), Preview, OK, Cancel.

Below the dialog box, there is a section for 'Recipients For Job Step Failure Notifications' with a count of '0' and an 'Update...' button. A callout points to this section: "E-mail list for job step failure".

On the right side of the dialog box, there is a tab labeled 'Notifications'. A callout points to this tab: "Use the 'Notifications' tab to set success/failure notifications".

At the bottom left, there is a 'Property' tab with a sub-tab 'Author'. A callout points to this area: "E-mail list for job step success".

> Job Step Notifications - Others

SPSS

Notifications For Job Step Success

From: PASW_CDS40_SPSSDEMO@spss.com

E-mail	Attachment
DemoJMS	No

To:

Subject: SPSS Predictive Enterprise Services: Job step \${JobName}/\${JobStepName} complete

Message:

```
<html>
<head>
<meta http-equiv='Content-Type' content='text/html; charset=utf-8' />
</head>
<body>
<p>Step ${JobStepName} in SPSS Predictive Enterprise Services job
${JobName} completed successfully at ${JobStepEnd}.</p>
</body>
</html>
```

Buttons: Delete, ..., E-mail Subscriber, Dynamic List, JMS Subscriber

Buttons: OK

Send a message to
Java Messaging
Service (JMS) queue

JMS Subscriber

Message Domain: DemoJMS

Buttons: New..., OK, Cancel

Dynamic List

Please select a query that will be used to dynamically retrieve the list.

Source

Source query: Browse...

Label:

Source properties

Data set:

Data source:

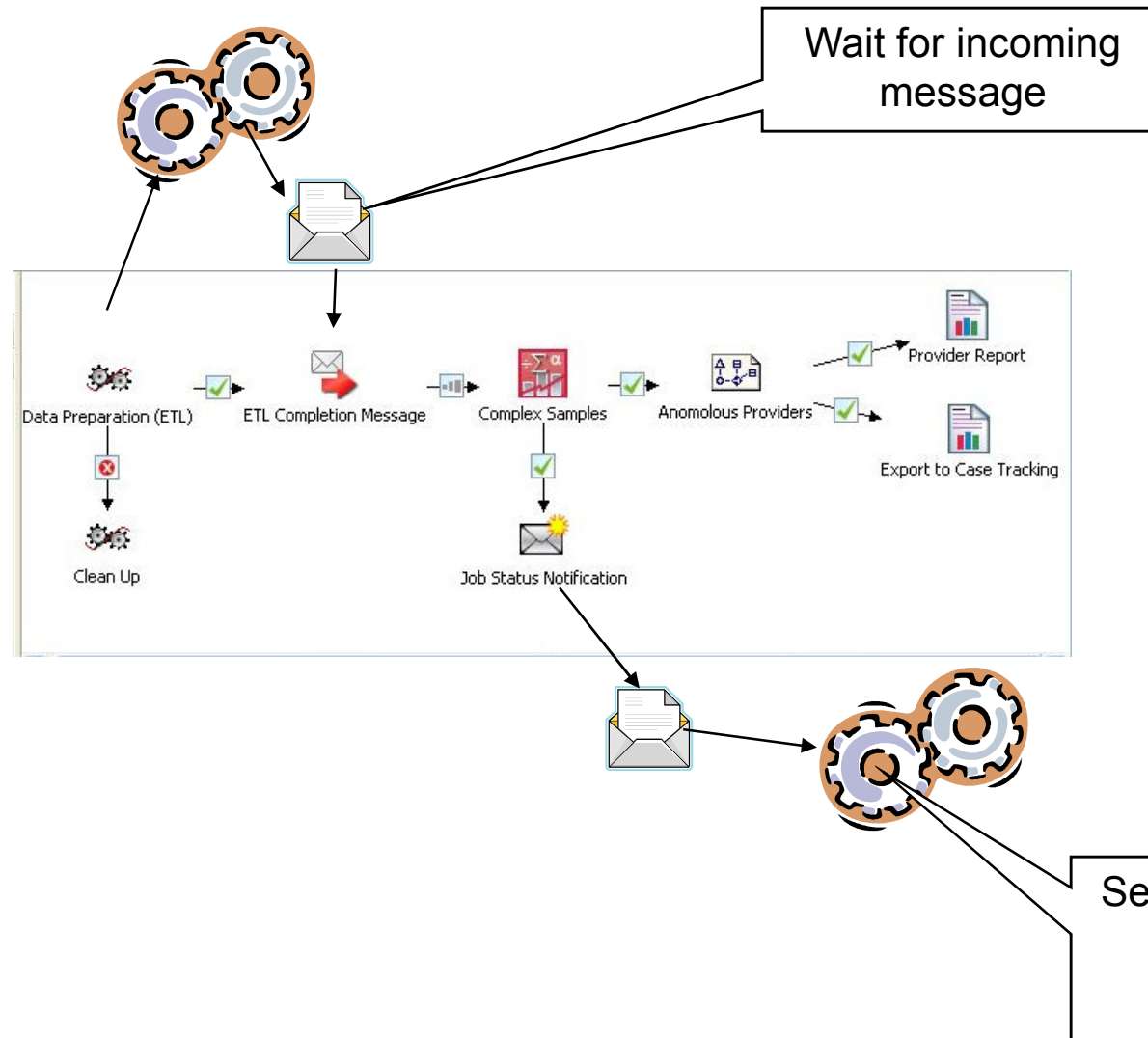
Credentials: Browse...

Column with e-mail:

Buttons: OK, Cancel

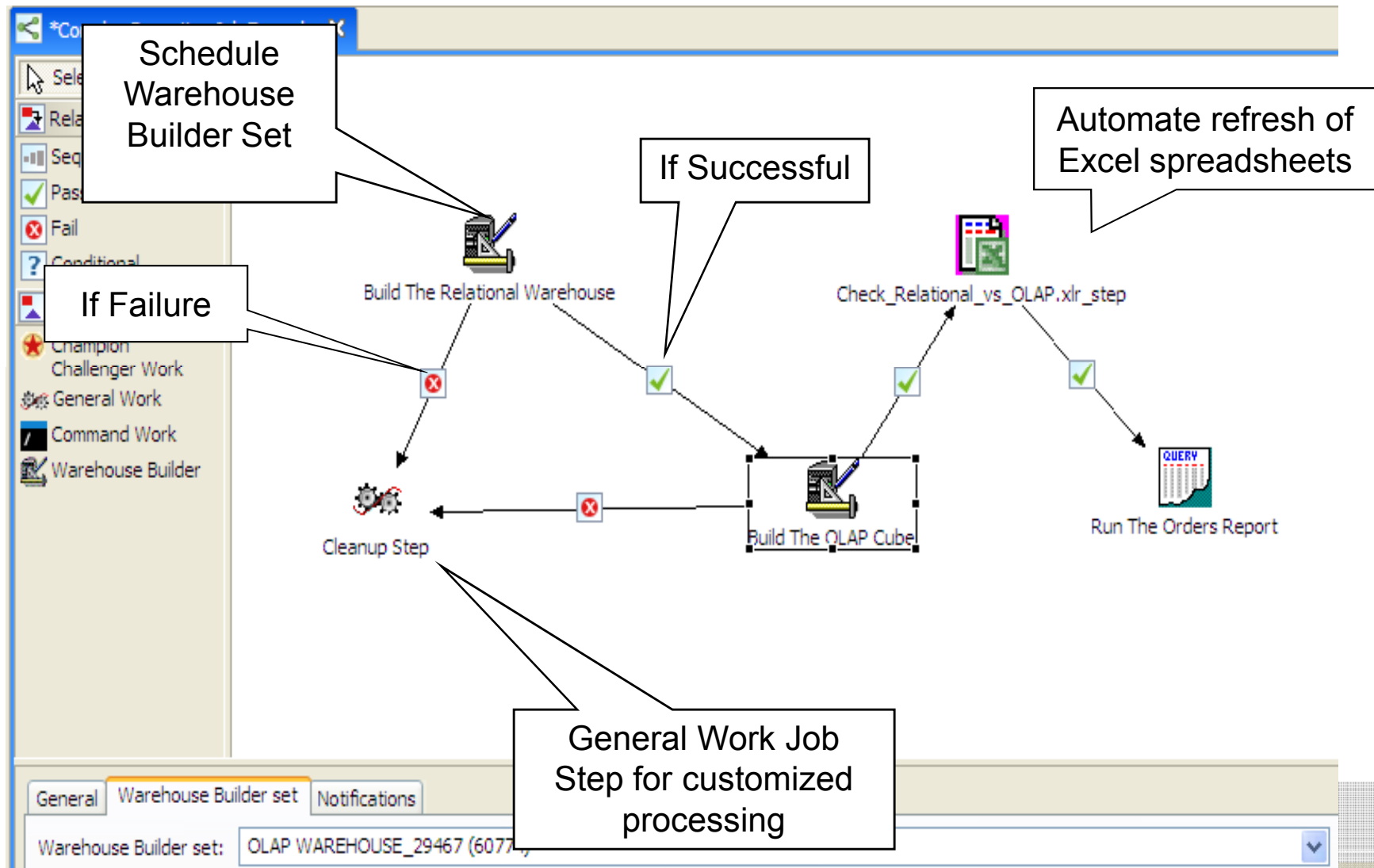
Query to build
dynamic
distribution list

> Event Based Notification – Receive and Send Messages



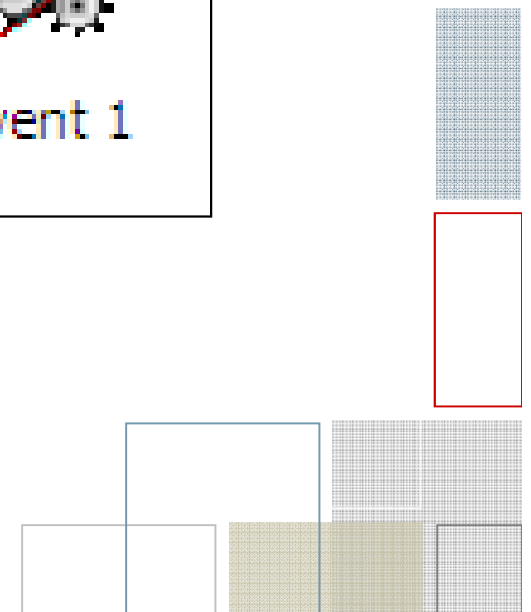
> More Complex Example

SPSS



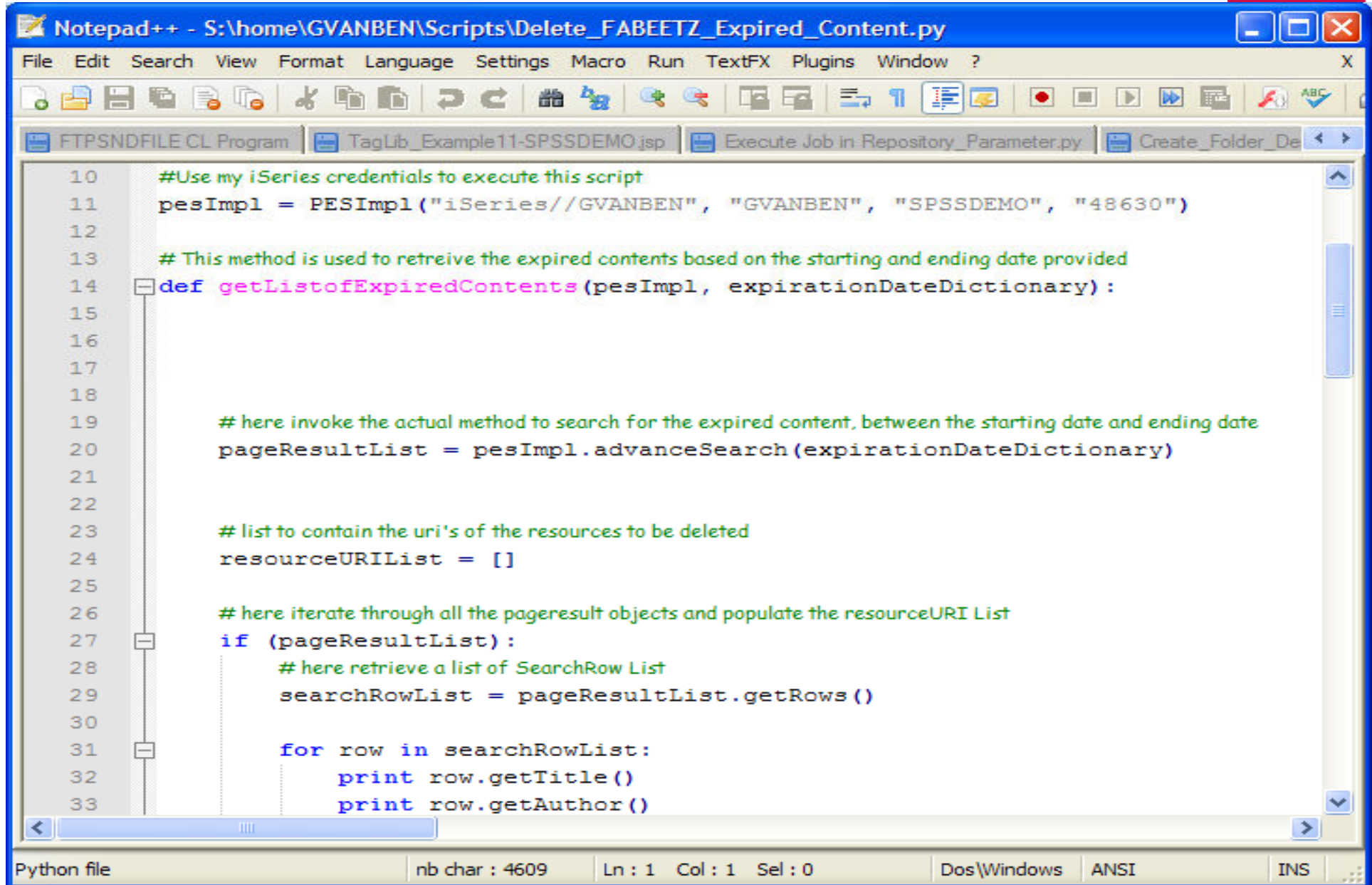
> General Work Steps

- Call Python Scripts
 - Open Source Scripting Language (Unix & Windows)
 - Runs in PASE on iSeries
 - Use for Bulk scripting repository actions
 - Import/export
 - Delete “Expired “ content, Job Histories
 - Change/Add/Remove permissions
 - Call from CL Programs
- Call CL Programs
- Call any other executable



> Script to Delete Expired Content

SPSS



```
Notepad++ - S:\home\GVANBEN\Scripts\Delete_FABEETZ_Expired_Content.py
File Edit Search View Format Language Settings Macro Run TextFX Plugins Window ?
FTPSNDFILE CL Program TagLib_Example11-SPSSDEMO.jsp Execute Job in Repository_Parameter.py Create_Folder_De

10 #Use my iSeries credentials to execute this script
11 pesImpl = PESImpl("iSeries//GVANBEN", "GVANBEN", "SPSSDEMO", "48630")
12
13 # This method is used to retrieve the expired contents based on the starting and ending date provided
14 def getListofExpiredContents(pesImpl, expirationDateDictionary):
15
16
17
18
19 # here invoke the actual method to search for the expired content, between the starting date and ending date
20 pageResultList = pesImpl.advanceSearch(expirationDateDictionary)
21
22
23 # list to contain the uri's of the resources to be deleted
24 resourceURIList = []
25
26 # here iterate through all the pageresult objects and populate the resourceURI List
27 if (pageResultList):
28     # here retrieve a list of SearchRow List
29     searchRowList = pageResultList.getRows()
30
31     for row in searchRowList:
32         print row.getTitle()
33         print row.getAuthor()
```

Python file nb char : 4609 Ln : 1 Col : 1 Sel : 0 Dos\Windows ANSI INS

> Invoking Python Scripts

SPSS

The screenshot displays the SPSS Predictive Enterprise Manager interface. On the left, the 'Content Explorer' pane shows a tree structure with folders like 'Output', 'Reports', 'iDBQ's', 'JDE Reports', 'Jobs', and 'Joe Fabeetz'. Under 'Jobs', a job named 'Delete Expired Content Using Python' is highlighted with a red circle and a callout box labeled 'Job'. Below it, a script file 'Delete_FABEETZ_Expired_Content.py' is also highlighted with a red circle and a callout box labeled 'Python Script'. The main workspace shows a diagram of the job step 'Delete Expired Content Example' with a callout box labeled 'Run Python'. The 'General' tab of the job step configuration is visible, showing the 'Job Step Name' as 'Delete Expired Content Example', the 'Command To Run' as '/QOpenSys/usr/local/bin/python2.4 Delete_FABEETZ_Expired_Content.py' (highlighted with a red circle), and the 'Working Directory' set to 'Automatic'. The 'Properties' pane at the bottom left shows the 'Author' as 'gvanben'. The status bar at the bottom right indicates 'Writable' and '8M/39M'.

SPSS Predictive Enterprise Manager

File Edit View Tools Help

Server Administration Content Explorer

Output
Reports
iDBQ's
JDE Reports
Jobs
Joe Fabeetz
Jobs
Delete Expired Content Using Python
Run_Customer_Orders_By_State_Report
Run CL Program that Executes a Job
Output
Reports
Scripts
Delete_FABEETZ_Expired_Content.py
KPT Reports

Job

Python Script

Run Python

Delete Expired Content Example

General Input Files Output Files Notifications

Job Step Name: Delete Expired Content Example

Iterative Variable List:

Command To Run: /QOpenSys/usr/local/bin/python2.4 Delete_FABEETZ_Expired_Content.py

Working Directory: Automatic

Warning Expression:

Property Value

Author gvanben

Writable 8M/39M

> Invoking Python Scripts

SPSS

SPSS Predictive Enterprise Manager

File Edit View Tools Help

Server Administration Content Explorer

Jobs

- Delete Expired Content Using Python
- Run_Customer_Orders_By_State_Repor
- Run CL Program that Executes a Job

Output

- Customer Orders by State.html

Reports

Scripts

- Delete_FABEETZ_Expired_Content.py

Properties

Property	Value
Author	nvanhen

*Delete Expired Content Using Python

Select Relationships Sequential Pass Parts Champion

Delete Expired Content Example

General Input Files Output Files Notifications

File Name	Source Location
Delete_FABEETZ_Expired_Content.py	/Joe Fabeetz/Scripts

Add Remove

Point to script file

10M/39M

> Executing CL

SPSS

SPSS Predictive Enterprise Manager

File Edit View Tools Help

Server Admin... Content Expl...

SPSSDEMO (login: gvanben)

- Content Repository
 - asec_ejs
 - a sec1
 - Auditing Reports
 - Bill Carpenter
 - Composite Documents
 - Dallas E Sinnett
 - DEP
 - Expired Documents
 - Glenn Van Benschoten
 - Jobs
 - Run_TagLib_Examp
 - Run IBM i Command
 - Simple Single Step J
 - Output

Properties

Property	Value

Run IBM i Command

Select

Relationships

Sequential

Pass

Parts

Champion Challenger Work

Create a Save File

General Input Files Output Files Notifications

Job Step Name: Create a Save File

Iterative Variable List:

Command To Run: SYSTEM CRTSAVF GVANBEN/MYSAVF

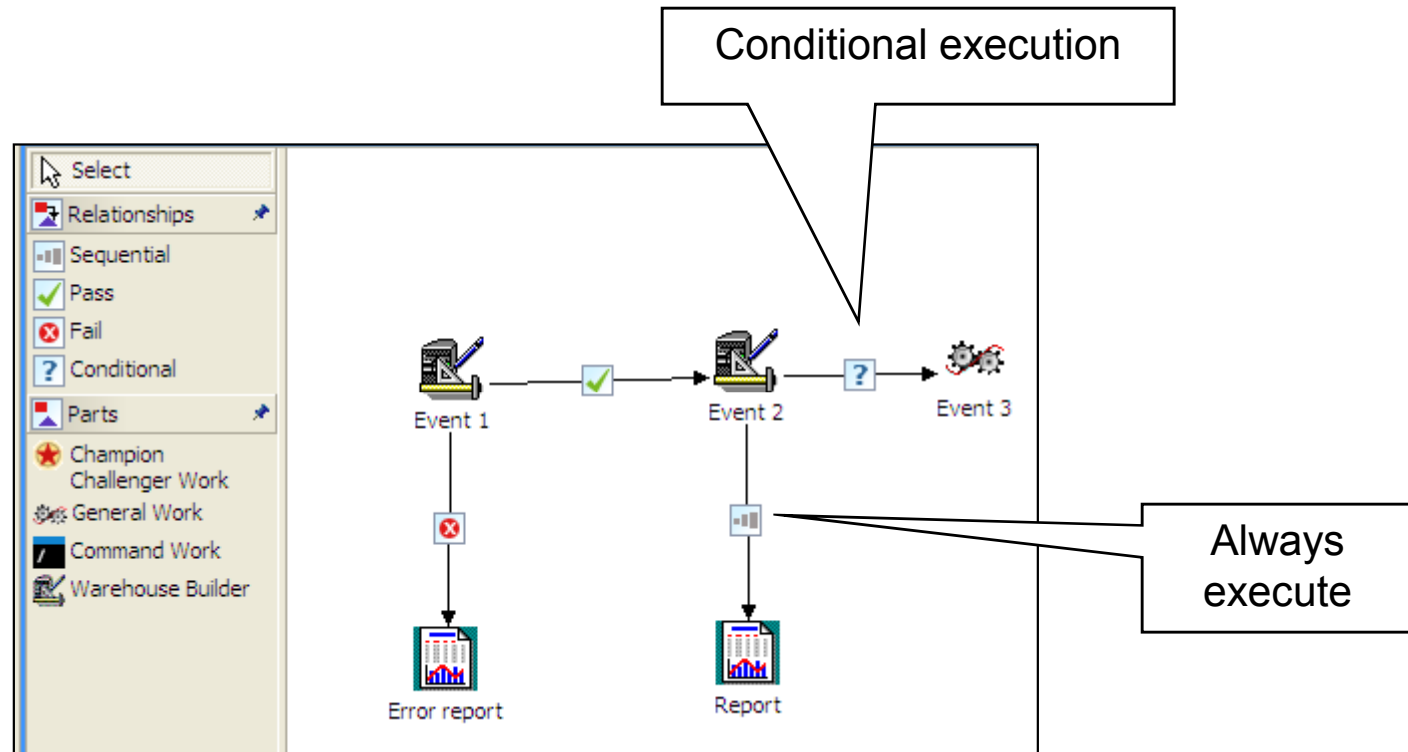
Working Directory: ☒ Automatic ☐ Directory:

Warning Expression:

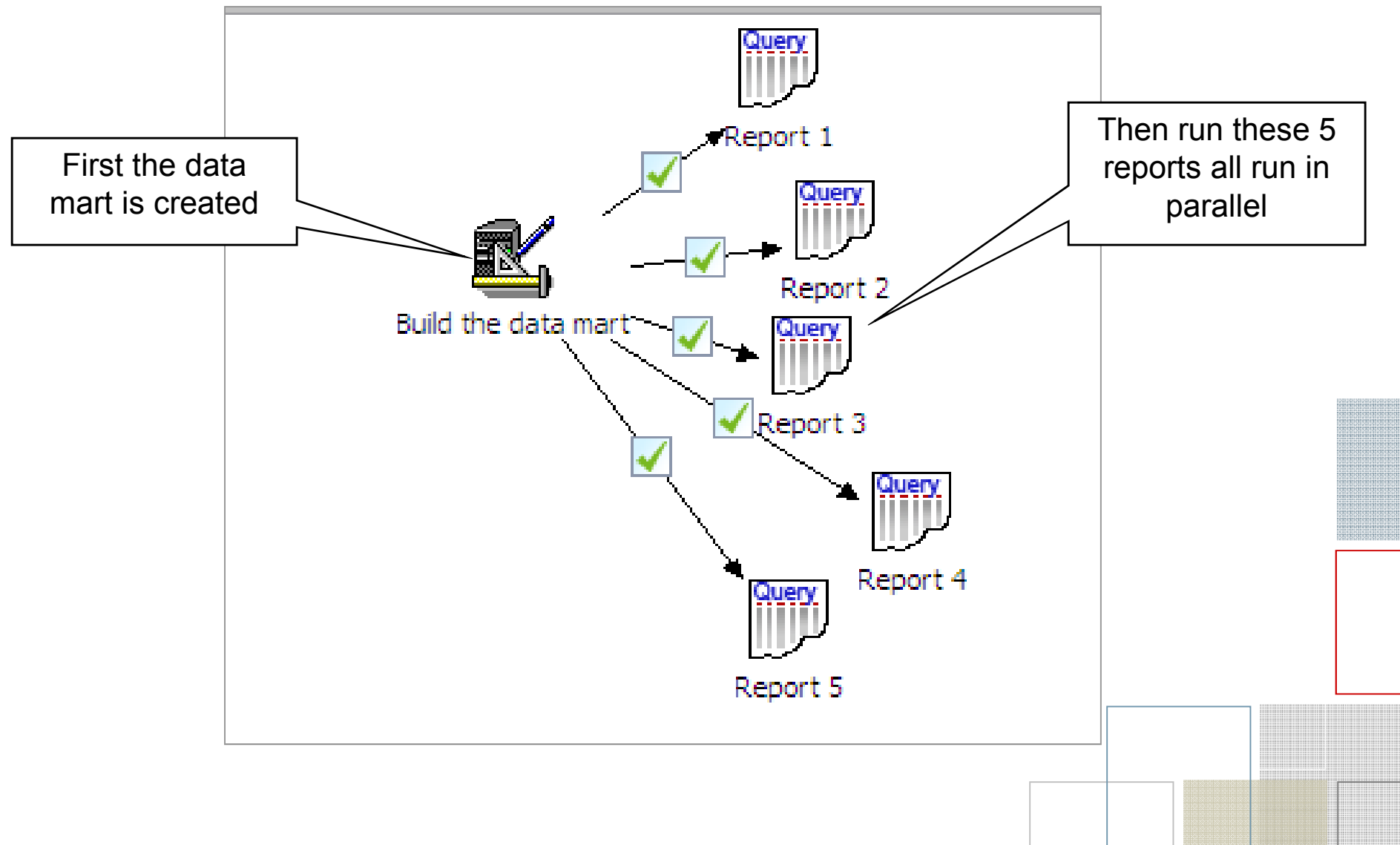
SYSTEM tells PASE to pass this off to i5/OS

Writable 23M/39M

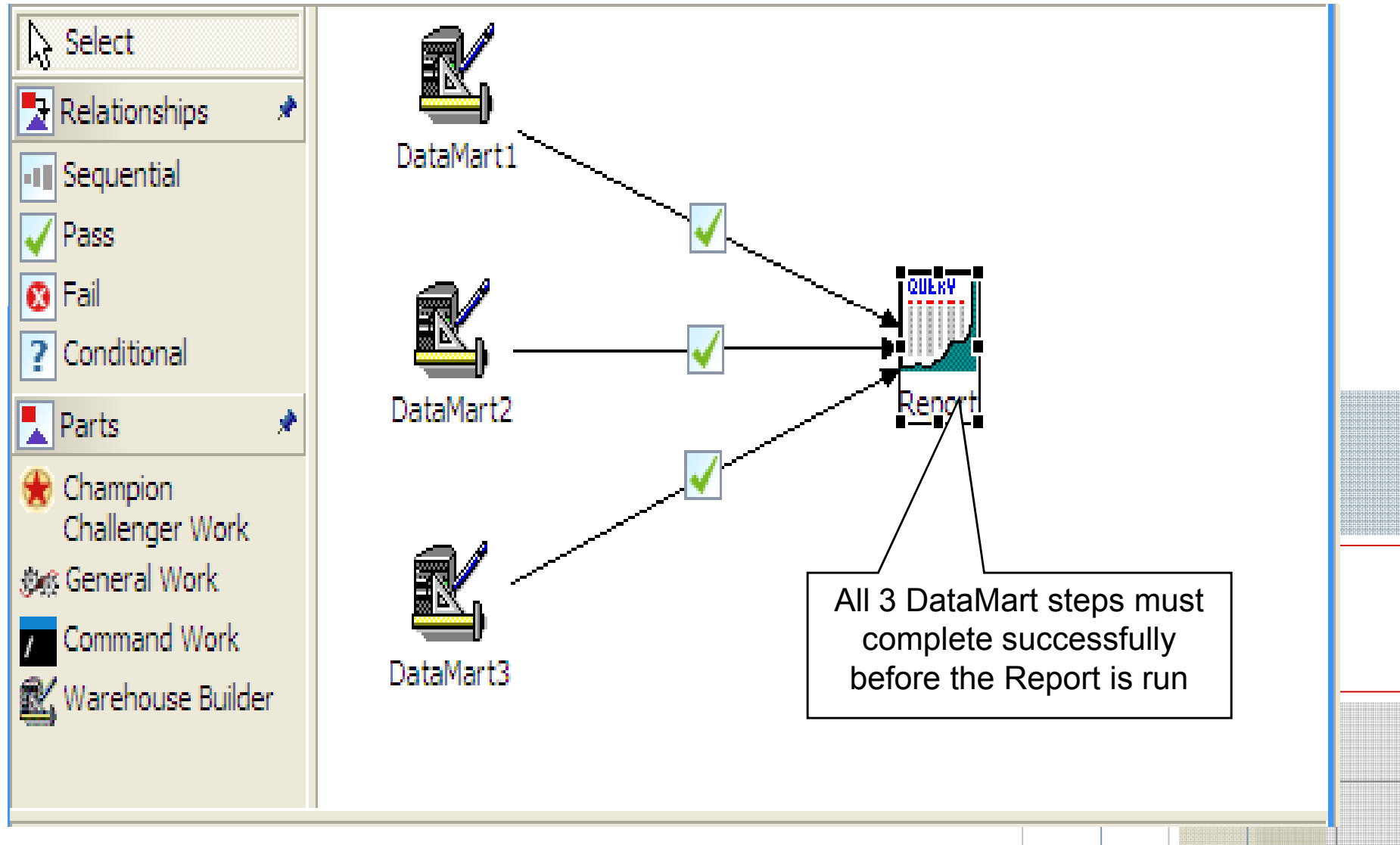
> Additional Process Controls



> Parallel Processing



> One More Example



> Job Schedules - Initiating Jobs

SPSS

The screenshot shows the SPSS Job Scheduler interface. On the left, a context menu is open for a job, with 'New Schedule' selected. A red circle highlights the 'Time Based' and 'Message Based' options. A callout points to this circle with the text 'Time based and message based scheduling'. Another callout points to the 'Recurrence Pattern' section of the 'Time-Based Schedule' dialog, which shows options for 'Once', 'Hourly', 'Daily' (selected), 'Weekly', and 'Monthly'. A callout points to the 'Daily' option with the text 'Recurrence patterns available'. A third callout points to the 'End by' date field (10/7/2009) with the text 'Note: can set last date to execute'. A fourth callout points to the 'Message Based' option in the context menu with the text 'Job starts when message received'. At the bottom, a table lists existing schedules for a job named '/KPI Reports/Gauge Repo...'. A callout points to this table with the text 'Multiple schedules per job for non-regular, more-complex schedules'.

Time based and message based scheduling

Recurrence patterns available

Note: can set last date to execute

Job starts when message received

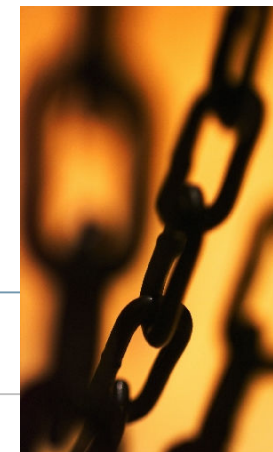
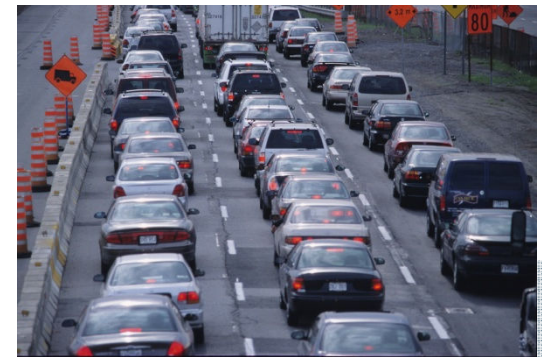
Multiple schedules per job for non-regular, more-complex schedules

Job Name	Version...	Schedu...	Next St...	Last Run	Last Ru...	Creden...
/KPI Reports/Gauge Repo...	LATEST	Daily	9/8/09 ...		Not Ava...	GVANBEN
/KPI Reports/Gauge Repo...	LATEST	Monthly	10/1/09...		Not Ava...	GVANBEN

> Reporting Challenges

SPSS

- Emailing latest versions of reports to end users
 - Which is the latest version?
 - **Solution: Central repository, run from browser**
- Users manually running weekly/ monthly reports
 - Everyone hitting the system at once
 - They only want to see relevant information
 - **Solution: Automated jobs run off hours, bursted output**
- Sets of reports that need to be run after data warehouse updated
 - How do you know when the warehouse is updated?
 - **Solution: Multi-step jobs with event based notifications**



> Summary:

ShowCase Suite with PASW Collaboration and Deployment Services

A flexible, enterprise level foundation for managing and delivering reports



- Enables **collaboration** to deliver more effective results



- Provides reliable **automation** of reporting processes for hands off operations

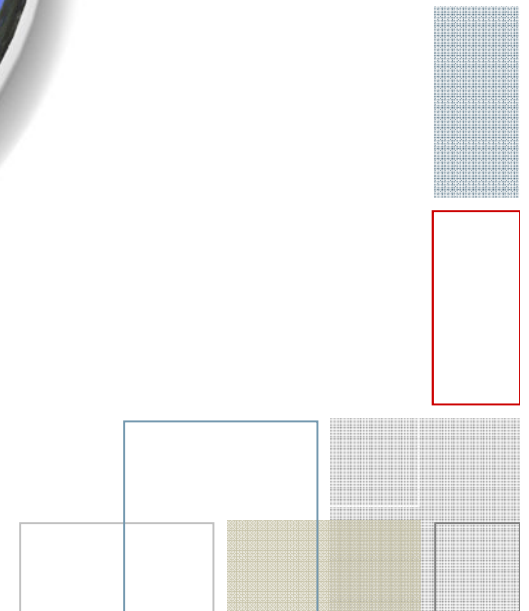


- Makes it easy to **deliver** reports throughout the enterprise so they can make better decisions



> Questions

SPSS



>Contact Information

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