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31 Gifts – Reports

*Prepared for:*

31 Gifts Project Team



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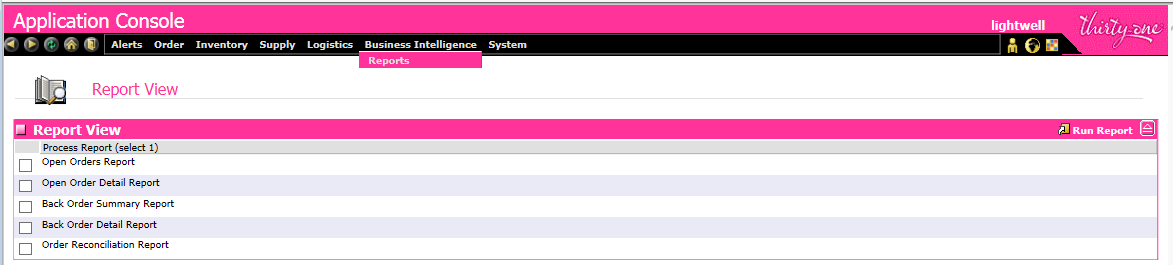
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# Overview:

This is for recording any/all parts of the TOG Report process and setup.

# UI Look & Feel:

* The following UI screen allows the user to select 1 of 5 reports.
  + Browse to: Business Intelligence – Reports.
  + Select the report you wish to run, and click “Run Report”.



* Only 1 report can be selected at a time, and not more than 1.
* An email will be sent once the report has been triggered.

# Report Execution/Email Response:

* There are 2 ways that reports can be run.
  + Manually (via Sterling “Reports” screen)
  + Automatically (via crontabs running on the back end at predefined TOG times)
    - 07:00 – OpenOrders
    - 19:15 – OpenOrders
    - 14:40 – OpenOrders
    - 17:55 – OpenOrders
    - 08:10 – OpenOrderDetail
    - 16:00 - BackOrdersSummary
    - 06:45 – BackOrdersDetail
    - 10:30 - OrderReconciliation
* Each report will cause an email to be triggered specifying that the report has been uploaded on the B2B server.
  + REPORT\_EMAIL - Setup your desired distribution list in this unix ‘wasuser’ profile environment variable. (all boxes)
* Each report will upload the required report encrypted to the B2B SFTP server. (and forwarded to TOG from here)

# JSP Screens:

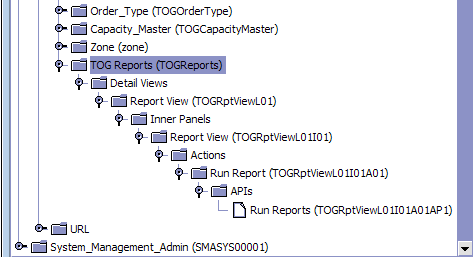
* /extn/reports/tog\_reports\_anchor.jsp
* /extn/reports/tog\_reports\_detail.jsp

# Java Code:

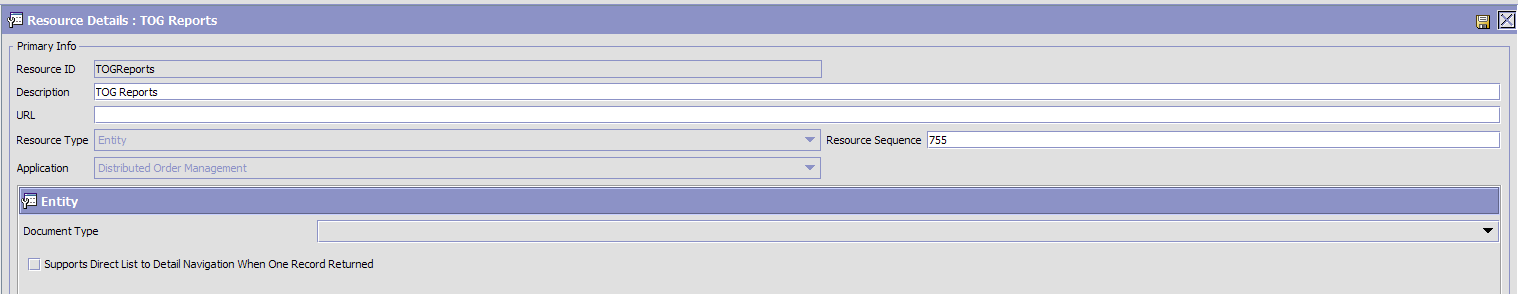
* com.tog.agent.tools.TOGTriggerAgent.java
* com.tog.agent.tools.TOGTriggerAgentQueueReader.java

# Configuration:

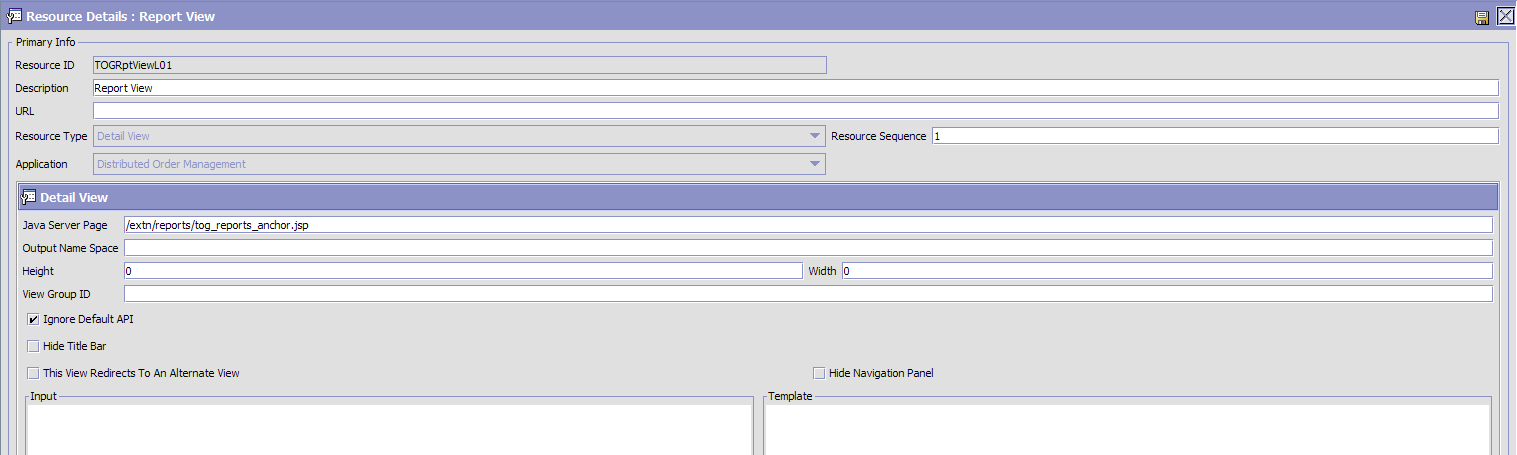
* Application – Application Platform – Presentation – Resources – Sterling\_Supply\_Chain\_Applications\_Console – Entities – TOG Reports(TOGReports)



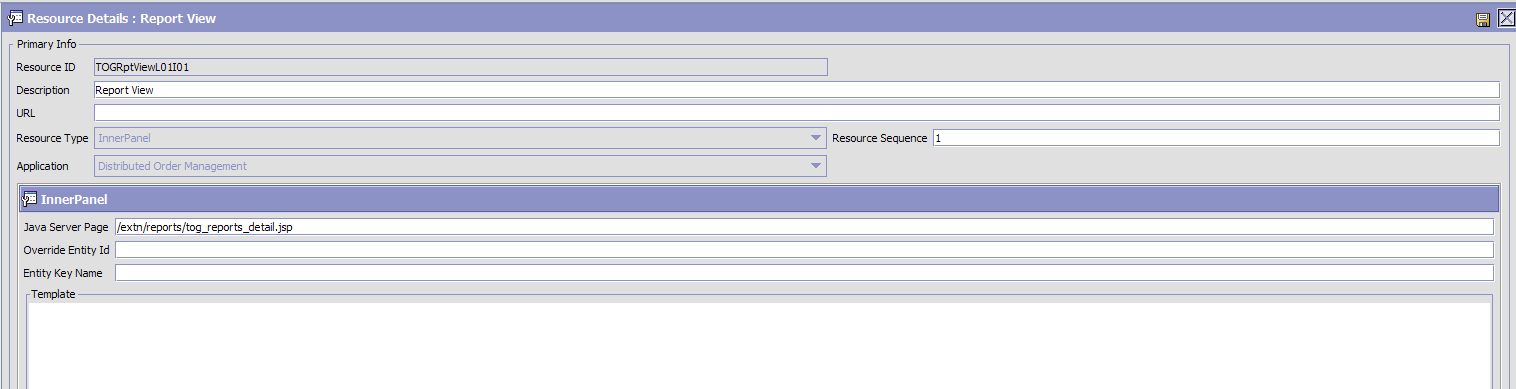
* TOG Reports (TOGReports)



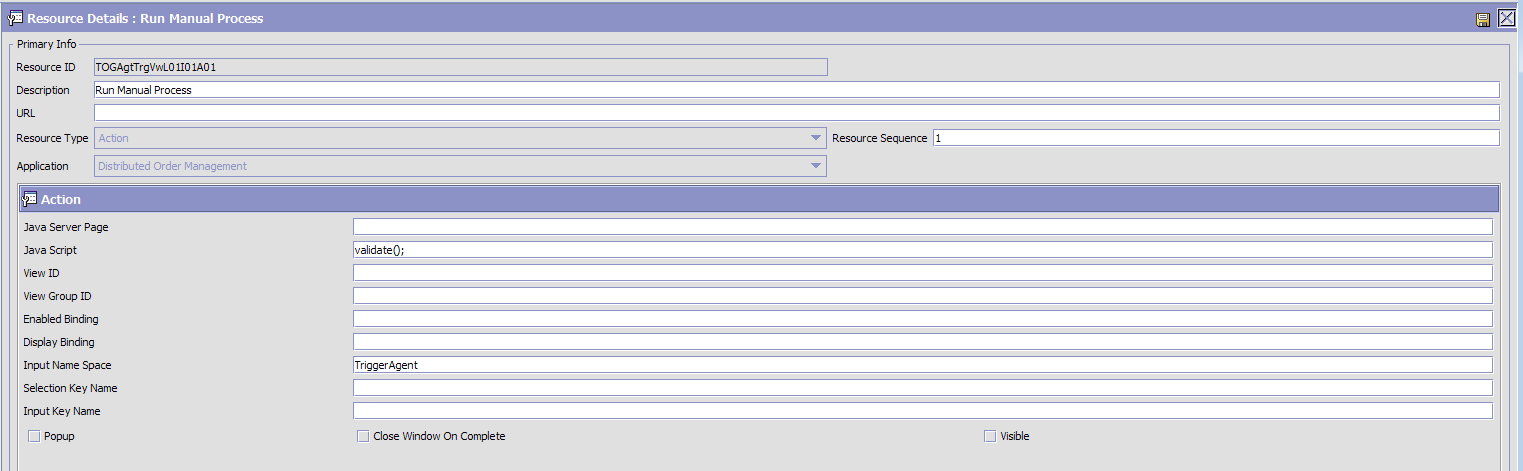
* Report View (TOGRptViewL01)



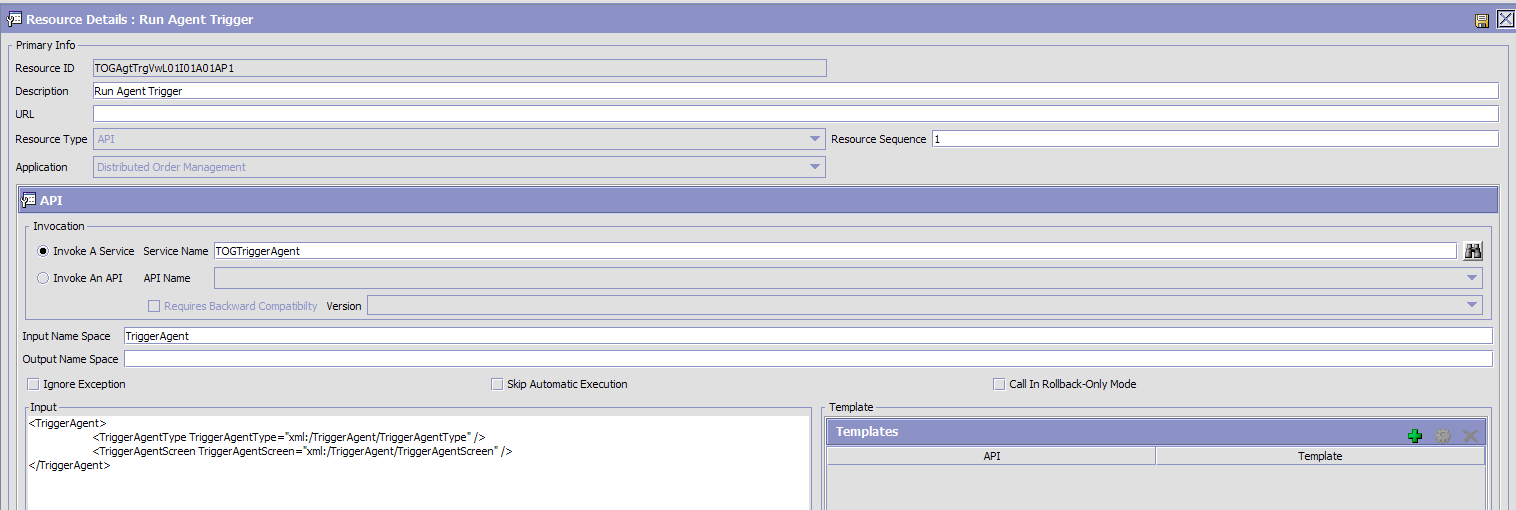
* Report View (TOGRptViewL01I01)



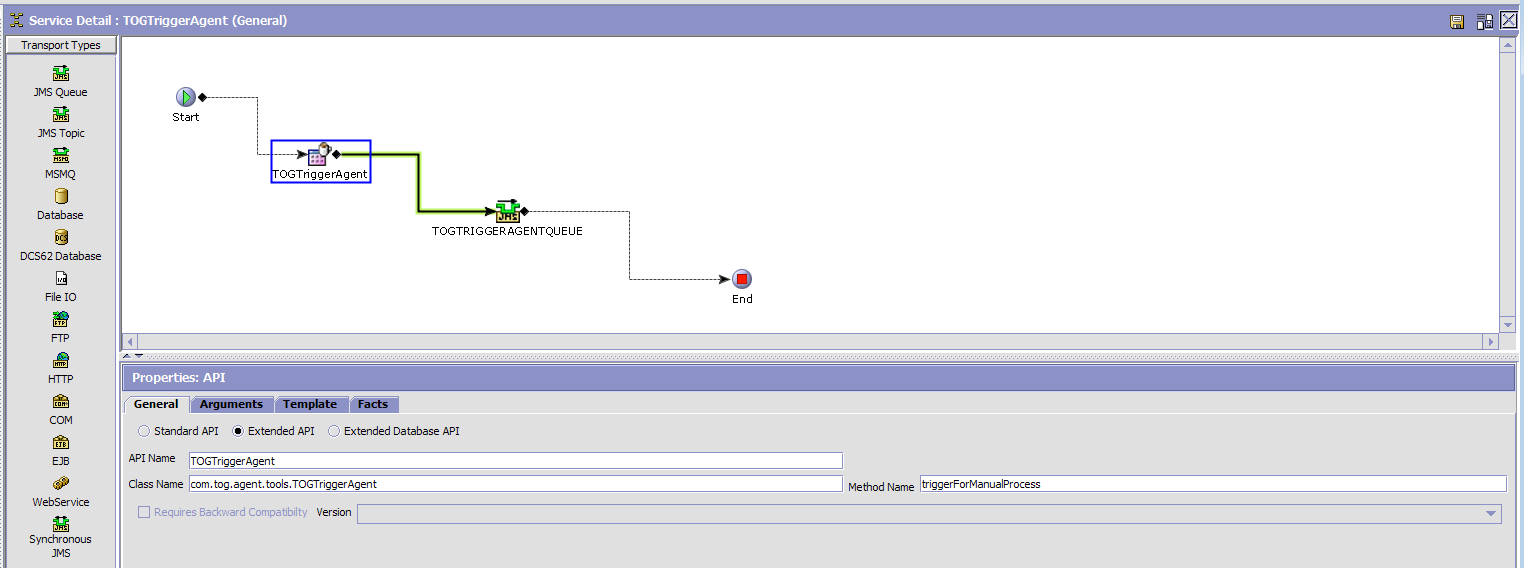
* Run Report (TOGRptViewL01I01A01)

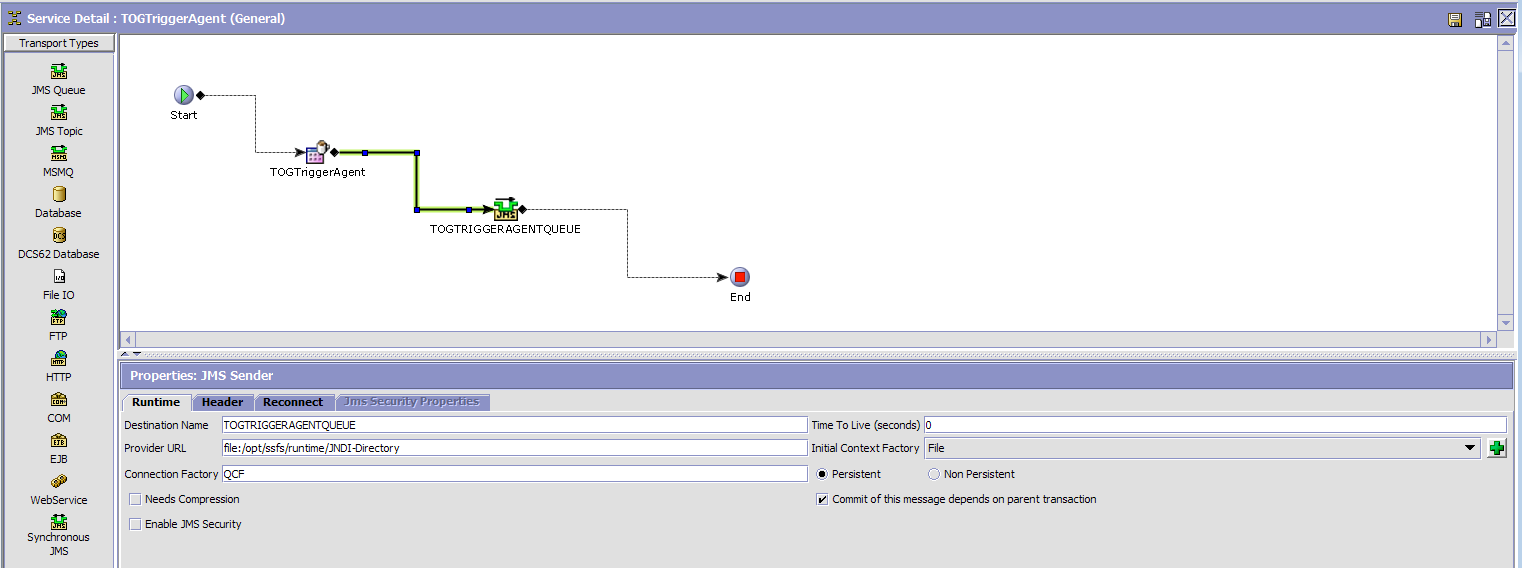


* Run Reports (TOGRptViewL01I01A01AP1)

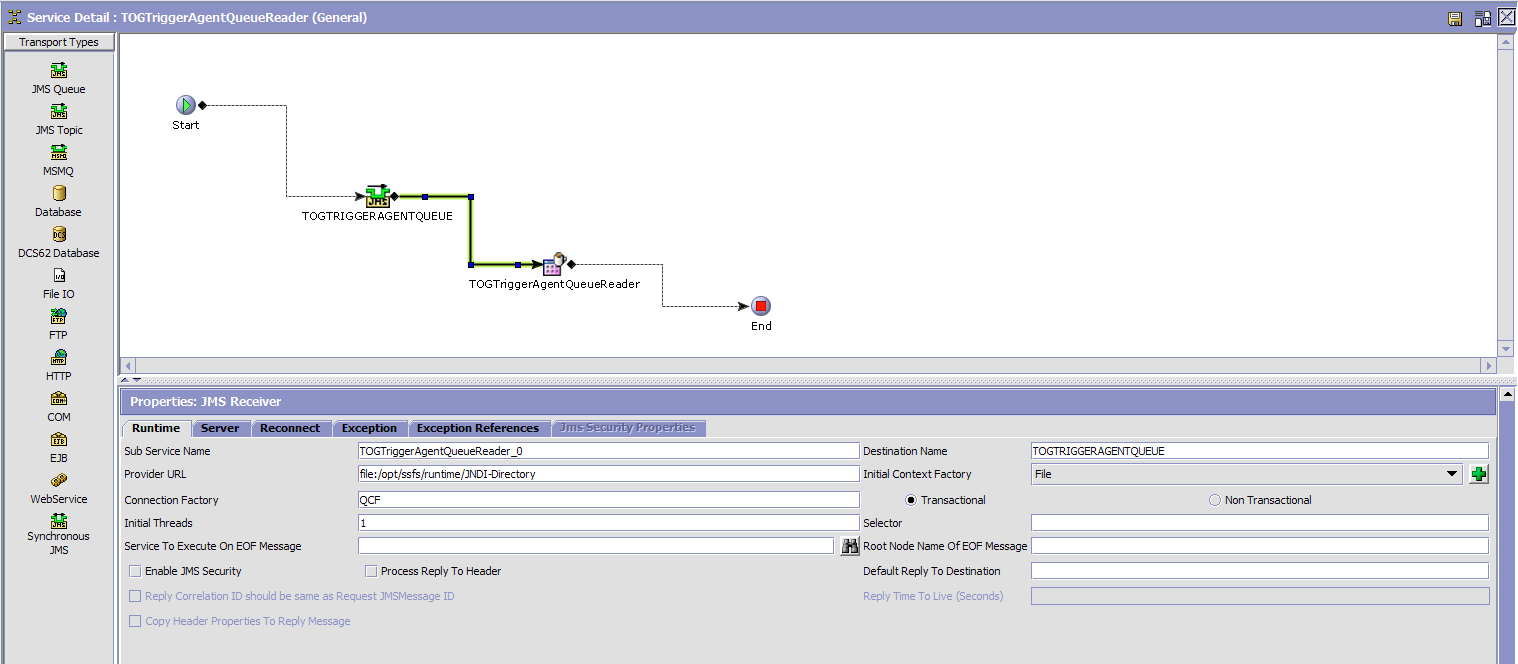


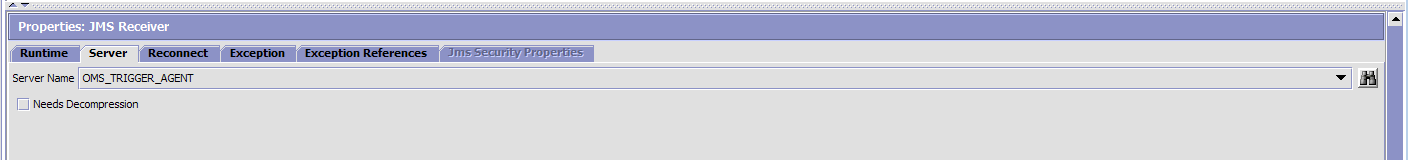
* Application – Application Platform – Process Modeling – General Services – ThirtyOne – TOGTriggerAgent
  + API Name: TOGTriggerAgent
  + Class Name: com.tog.agent.tools.TOGTriggerAgent
  + Method Name: triggerForManualProcess

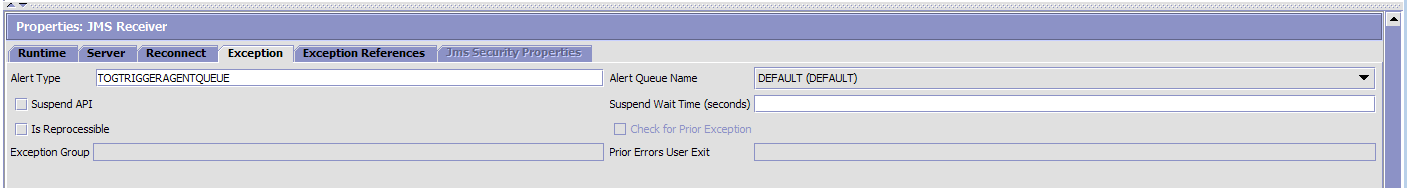




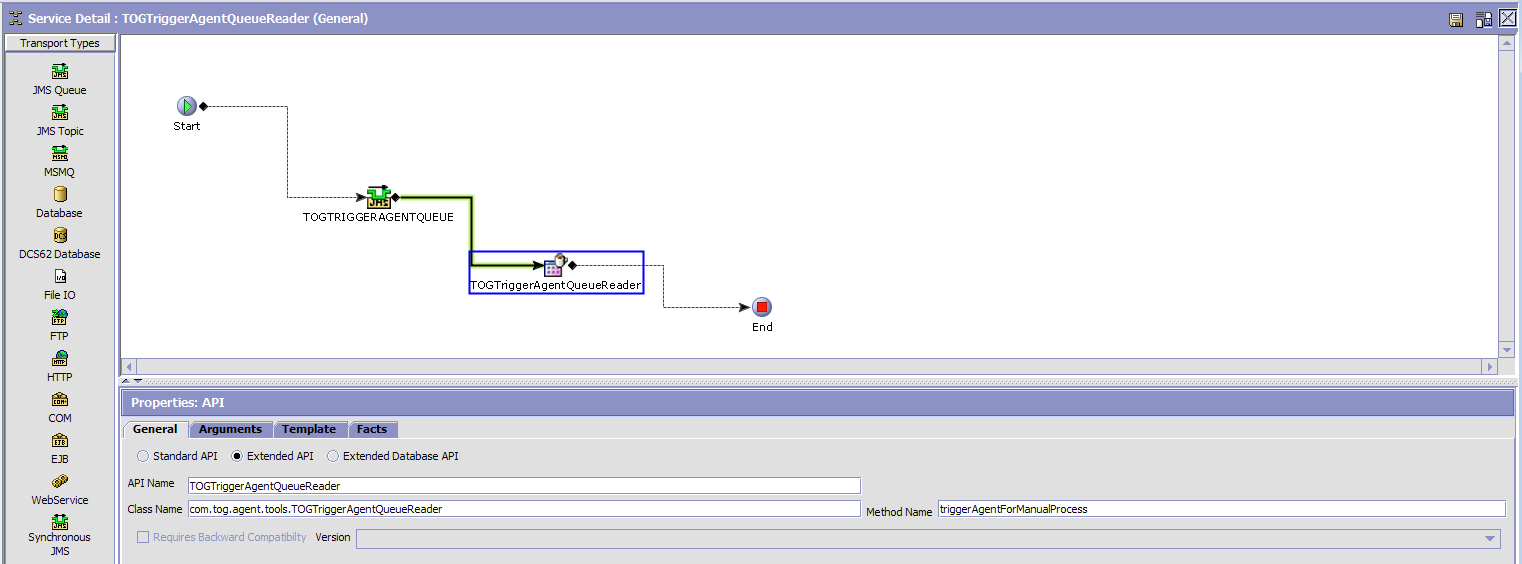
* Application – Application Platform – Process Modeling – General Services – ThirtyOne – TOGTriggerAgentQueueReader



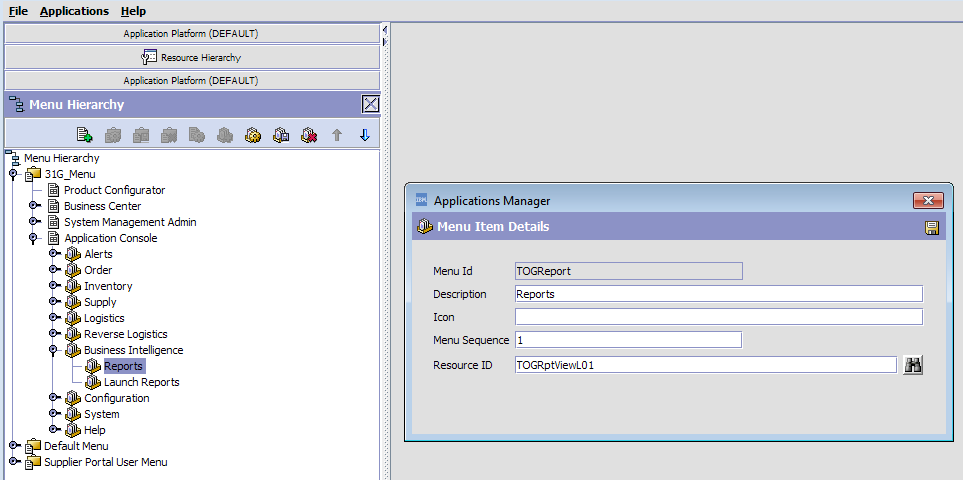




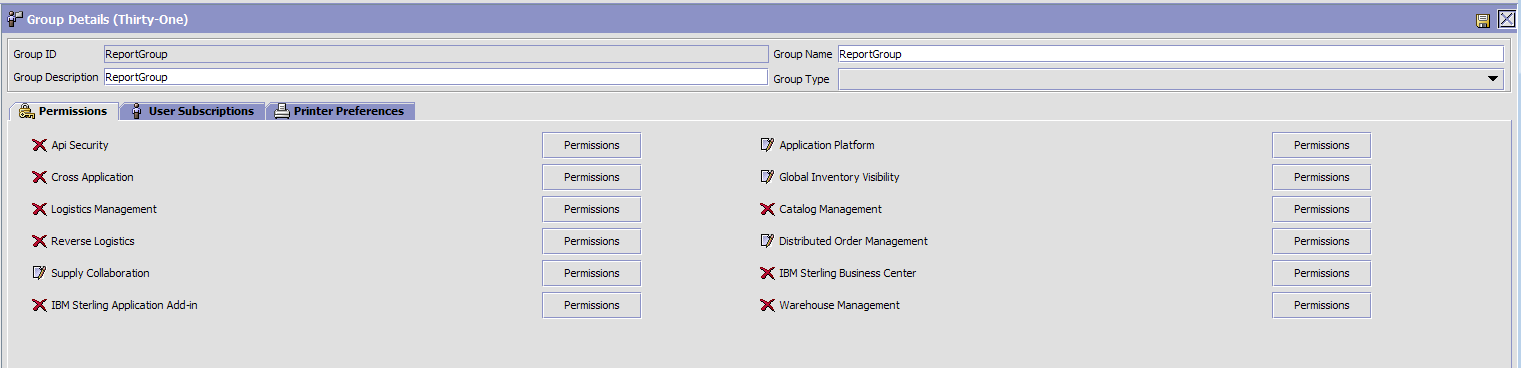
* + API Name: TOGTriggerAgentQueueReader
  + Class Name: com.tog.agent.tools.TOGTriggerAgentQueueReader
  + Method Name: triggerAgentForManualProcess



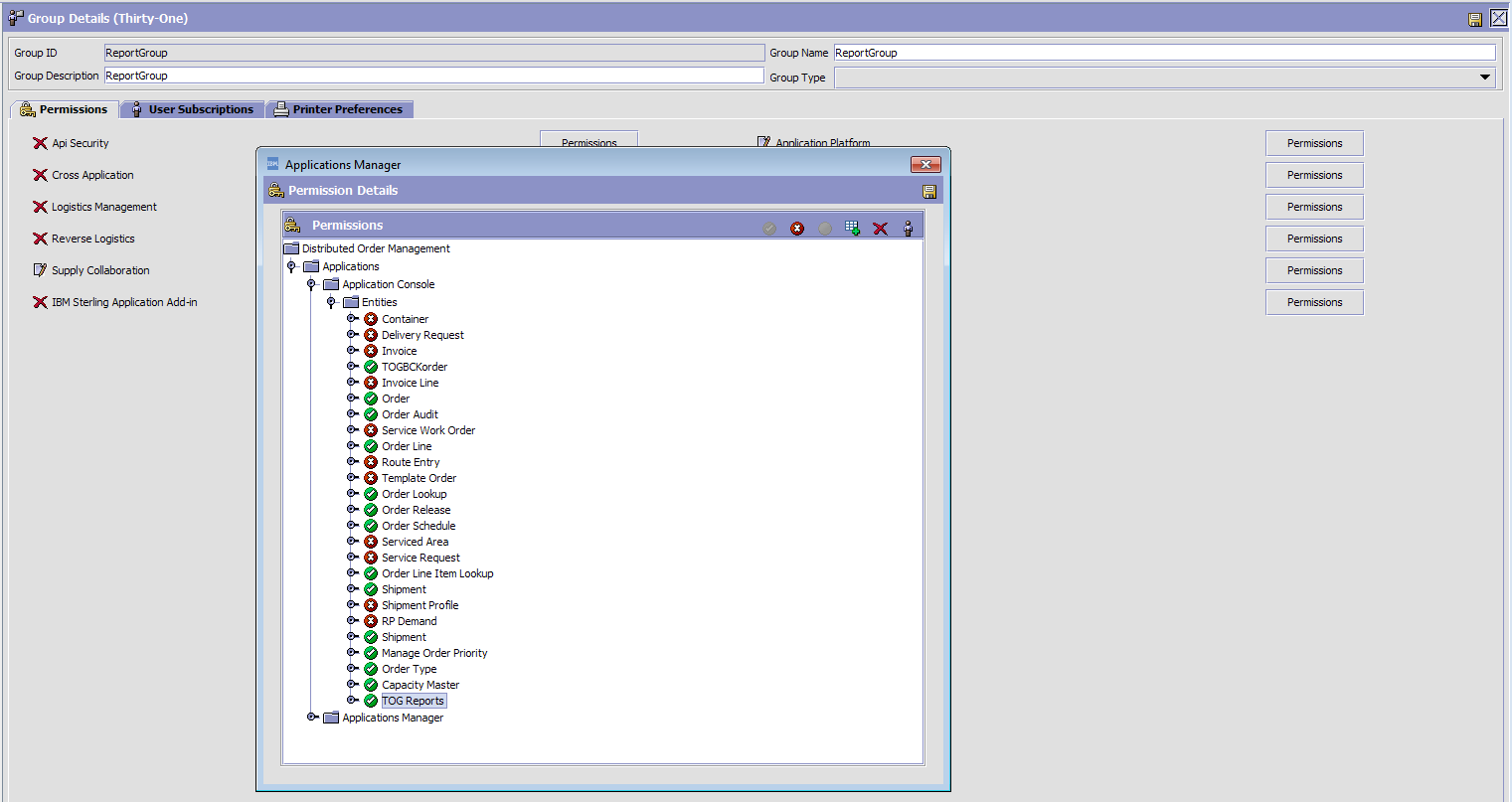
* Application – Application Platform – Presentation – Menu

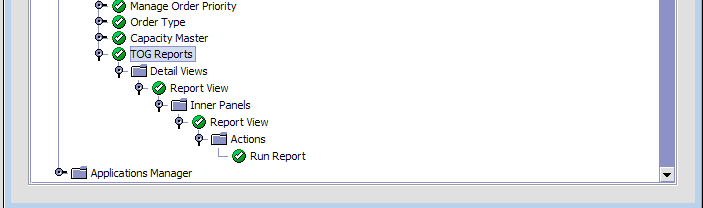


* Application – Application Platform – Security – Groups – ReportGroup
  + (it is a new group)



* Application – Application Platform – Security – Groups – ReportGroup – Distributed Order Management





# Crontabs/Scripts:

* This represents the flow:
  + From App 1 or 2 Box. User selects a report on the UI and clicks “Run Report”.
  + From App 1 or 2 Box. Service is triggered that will place a message in a MQ queue. The message is based on 2 things:
    - UI Screen Name.
    - Option you want to run.
  + From Agent 1 or 2 Box. A new agent will read the message from the MQ queue and determine the type and location of the trigger file to be placed.
  + From Agent 1 or 2 Box. Cron job sees the placed trigger file and runs the script for the specified report.

# B2B SFTP Server Connection:

* Hostname: tog.b2b.lightwellinc.com
* Username: OMSPush
* Password: OMSPush99
* OMS Environments:
  + QA - /OMSExtracts/upload/QA

/OMSExtracts/download/QA

* + Preprod - /OMSExtracts/upload/Preprod

/OMSExtracts/download/Preprod

* + Prod - /OMSExtracts/upload

/OMSExtracts/download

* Agent 1’s and Agent 2’s public keys have been given to B2B so that passwordless SFTP is possible.
  + Connection from each Agent Server via SFTP is required at least once so you can accept the warning and so that the B2B SFTP Server hostname can be added to the “Known Hosts” file.

# Assumptions/One-Time Setup Tasks:

* Validate that your Agent Servers (BOTH) have DB2 Client installed with access to execute “select” queries.
  + Raise IBM ticket if this is not working.
* Validate that your Agent Servers (BOTH) have open firewalls for connecting to B2B SFTP Server.
  + Raise IBM ticket if this is not working.
* Validate that the Scripts can successfully send email via unix “mail” command.
  + Raise IBM ticket if this is not working.
* Validate that crontabs can trigger jobs successfully.
  + Raise IBM ticket if this is not working.
* Take the public keys from Agent 1 and Agent 2 Servers and provide them to B2B so that they can be installed on B2B SFTP Server.
  + This is so your Agent boxes can upload/download their encrypted reports/files. This B2B SFTP Server acts like a pass through and delivers files to TOG Client.
* You have created the directory structure for the reports:

(all 775, and owned by ‘wasuser’ id)

(Note: Easiest way is to zip the OMSExtracts folder on Preprod or QA and copy it over to Prod or future environments, just make sure you clean out all folders as the build will populate them fresh)

* + /opt/ssfs/runtime/OMSExtracts
  + /opt/ssfs/runtime/OMSExtracts/CommonReportFiles
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail
  + /opt/ssfs/runtime/OMSExtracts/OpenOrderDetail
  + /opt/ssfs/runtime/OMSExtracts/OrderReconciliation
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersSummary
  + /opt/ssfs/runtime/OMSExtracts/OpenOrders
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail/Archive
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail/ToTOG
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail/FromTOG
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail/Logs
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail/Temp
  + /opt/ssfs/runtime/OMSExtracts/BackOrdersDetail/Scripts
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  + /opt/ssfs/runtime/OMSExtracts/BackOrdersSummary/ToTOG
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