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GPV Interactive Report to Excel

Overview

Introduction

The "GPV Interactive Report to Excel" APEX plugin provide simple export of IR-data into Microsoft Excel.

Features at a Glance

These Interactive Reports features are supported:

- Correct export of data types (String/Date/Number)
- Filtering and Sorting
- Control Break
- Computations
- Aggregations

License

The "GPV Interactive Report to MSeExcel" APEX plugin and IR_TO_XML,XML_TO_XSLX.sql packages are currently available for use in all personal or commercial projects under both MIT and GPL licenses. This means that you can choose the license that best suits your project and use it accordingly. Both licenses have been included with this software.

Legal Disclaimer

The program(s) and/or file(s) are supplied as is. The author disclaims all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The author assumes no liability for damages, direct or consequential, which may result from the use of these program(s) and/or file(s).

Found a bug

If you have found a bug, please send us debug information. To do this, set **Return Data** plugin options to "**Debug Information**". Try to get your XML data again. You'll get text a file with debug information. Please send this file to pavel.glebov@outlook.com. We'll try to fix this error as soon as possible.

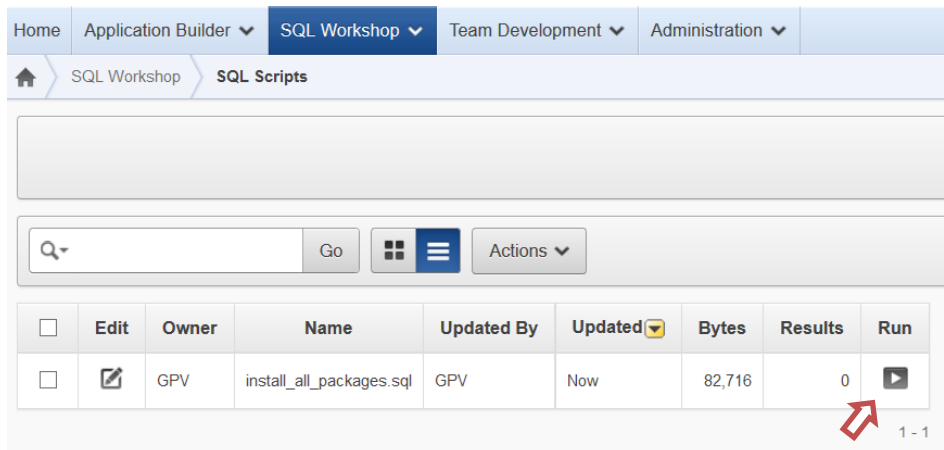
GPV Interactive Report to Excel

Installation

Install required package

This plugin requires IR_TO_XML, XML_TO_XSLX and AS_ZIP packages. To install these packages, please use `install_all_packages.sql` all-in-one installation script.

To do this, navigate to the “SQL-Workshop > SQL-Scripts”. Upload file `install_all_packages.sql`.

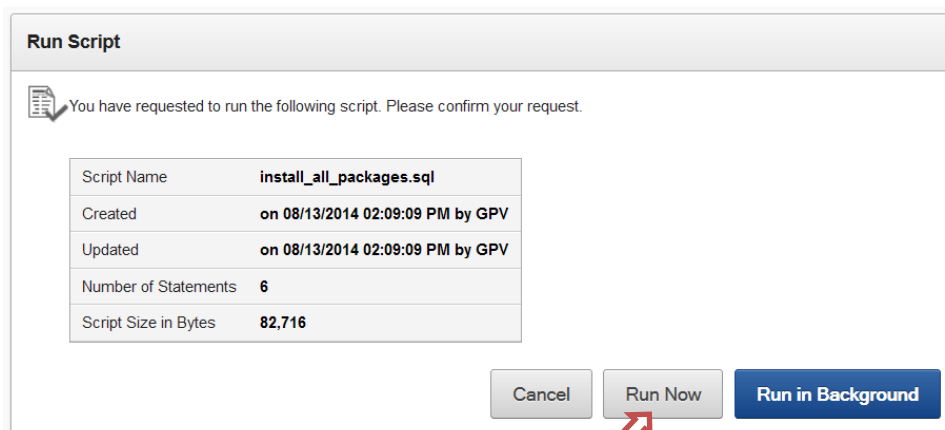


The screenshot shows the Oracle SQL Workshop interface. The top navigation bar includes Home, Application Builder, SQL Workshop (selected), Team Development, and Administration. Below this, the breadcrumb trail shows SQL Workshop > SQL Scripts. A search bar with a 'Go' button and an 'Actions' dropdown menu are present. A table lists the scripts:

<input type="checkbox"/>	Edit	Owner	Name	Updated By	Updated	Bytes	Results	Run
<input type="checkbox"/>		GPV	install_all_packages.sql	GPV	Now	82,716	0	

A red arrow points to the 'Run' icon in the table row.

This script will be created all required packages. Run this script by pressing Run-icon.



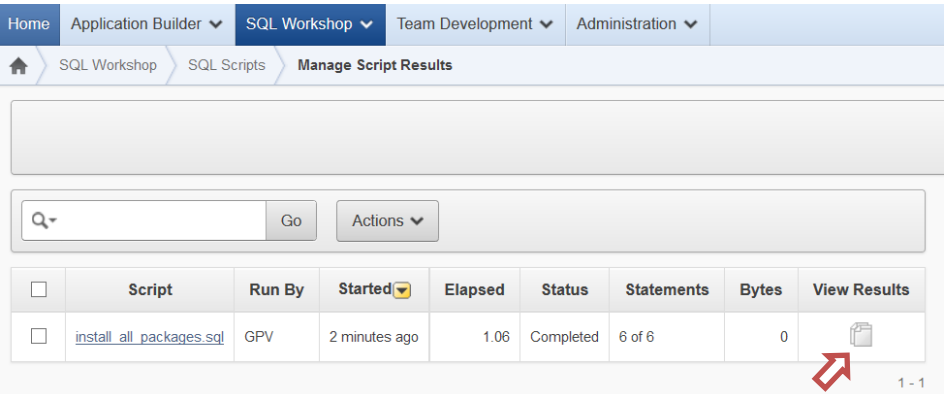
The 'Run Script' dialog box displays the following information:

Script Name	install_all_packages.sql
Created	on 08/13/2014 02:09:09 PM by GPV
Updated	on 08/13/2014 02:09:09 PM by GPV
Number of Statements	6
Script Size in Bytes	82,716

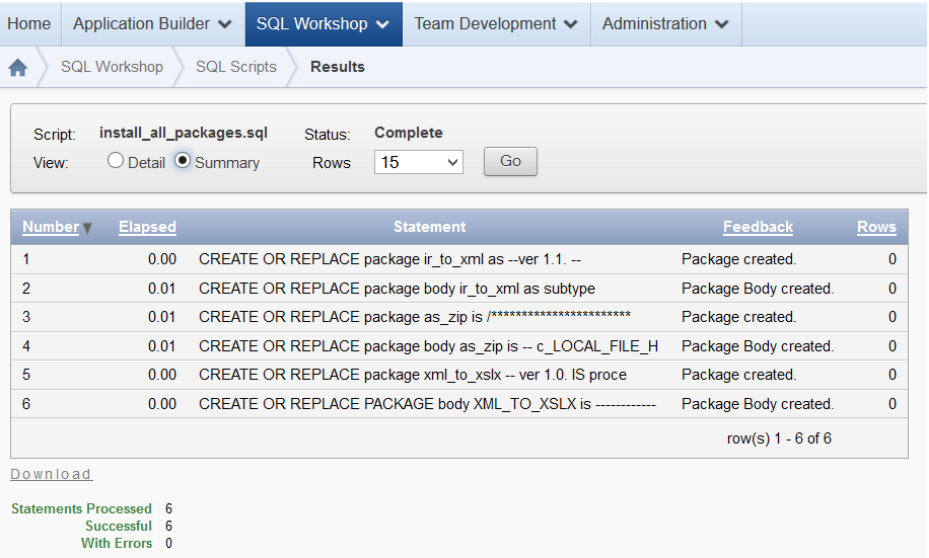
At the bottom, there are three buttons: 'Cancel', 'Run Now', and 'Run in Background'. A red arrow points to the 'Run Now' button.

Press “Run Now” button.

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After execution take a look at execution results. At first open “Manage Script Results” tab by pressing on link in **View Results** column.



There should be no errors.

Install plugin

Navigate to “Shared Components > Plug-ins” and click **Import**. [Herefrom](#) you can follow the menu to upload plugin-file “**process_type_plugin_gpv_ir_xml.sql**” and to install the plug-in using the file above.

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Using in your application

1. At first you should create the button will start the plugin on page with Interactive Report.

The screenshot shows the 'Create Button' wizard in Oracle APEX. The top navigation bar includes 'Home', 'Application Builder', 'SQL Workshop', 'Team Development', and 'Administration'. The breadcrumb trail is 'Application Builder > Application 26483 > Page 1 > Create Button'. The wizard progress bar shows six steps: 'Button Region', 'Button Position', 'Button Attributes' (current), 'Display Properties', 'Action When Clicked', and 'Conditional Display'. The 'Button Attributes' step contains the following fields: 'Page' (1 - Plugin Demonstration), 'Region' (Sample Interactive Report), 'Button Name' (YOUR BUTTON NAME), 'Label' (Download Excel), 'Button Style' (HTML Button), and 'Button Attributes' (empty). Navigation buttons include 'Cancel', 'Create Button', and 'Next'.

Enter “Button name” and “Label”.

Please note the Button Name you given; this will be used later.

The screenshot shows the 'Create Button' wizard in Oracle APEX, Step 2: Display Properties. The top navigation bar and breadcrumb trail are the same as in the previous screenshot. The wizard progress bar shows the same six steps, with 'Display Properties' now highlighted. The 'Display Properties' step contains the following fields: 'Page' (1 - Plugin Demonstration), 'Region' (Sample Interactive Report), 'Button Name' (YOUR_BUTTON_NAME), 'Sequence' (30), 'Position' (Top of Region), and 'Alignment' (Right). Navigation buttons include 'Cancel', 'Create Button', and 'Next'.

Press “Next”.

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The screenshot shows the 'Create Button' wizard in the Oracle APEX Application Builder. The breadcrumb trail is: Home > Application Builder > Application 102 > Page 1 > Create Button. The wizard has six steps: Button Region, Button Position, Button Attributes, Display Properties, Action When Clicked (current), and Conditional Display. The 'Action When Clicked' step is active, showing the following configuration:

- Page: 1 - Plugin Demonstration
- Region: Sample Interactive Report
- Button Name: P1_GET_XML_FROM_IR
- Action: Redirect to Page in this Application
- * Page: &APP_PAGE_ID. (with a dropdown arrow)
- ☐ reset pagination for this page
- Request: YOUR_BUTTON_NAME (with a clear 'x' button)
- Clear Cache: (empty field) (comma separated page numbers)
- Set these items: (empty field) (comma separated name list)
- With these values: (empty field) (comma separated value list)

Buttons at the top include 'Cancel', 'Create Button', and 'Next >'.

Enter **&APP_PAGE_ID.** in field "Page".

Set "Request" : **Button Name** given on step 1. Press **Create Button**.

2. At second create "On Load - Before Header"-process "Plug-Ins" type.

The screenshot shows the 'Create Page Process' wizard in the Oracle APEX Application Builder. The breadcrumb trail is: Home > Application Builder > Application 26483 > Page 1 > Create Page Process. The wizard has five steps: Process Type (current), Process Attributes, Process, Messages, and Process Conditions. The 'Process Type' step is active, showing the following configuration:

- Page: 1 - Plugin Demonstration
- Select the category of the process you wish to create:
- ☐ PL/SQL
- ☐ Reset Pagination
- ☒ Plug-ins

Below the radio buttons are three icons: a gear for PL/SQL, a table with arrows for Reset Pagination, and a puzzle piece for Plug-ins. A red arrow points to the 'Plug-ins' radio button. Buttons at the top include 'Cancel' and 'Next >'.

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Home Application Builder SQL Workshop Team Development Administration Search Application

Application Builder Application 26483 Page 1 Create Page Process Page 1

Process Type Process Attributes Process Messages Process Conditions

Cancel Next

Page: 1 - Plugin Demonstration

Select Plug-in:

☒ GPV Interactive Report to MExcel

Show Unsupported No

Select “GPV Interactive Report to XML”.

Home Application Builder SQL Workshop Team Development Administration Search Application

Application Builder Application 26483 Page 1 Create Page Process Page 1

Process Type Process Attributes Process Messages Process Conditions

Cancel Next

Page: 1 - Plugin Demonstration

* Name Get Excel

* Sequence 10

* Point On Load - Before Header

* Type GPV Interactive Report to MExcel [Plug-in]

Give this plugin a name (for example “GetXMLfromIR Plugin”).
Select execution “Point”: “On Load - Before Header”

Home Application Builder SQL Workshop Team Development Administration Search Application

Application Builder Application 26483 Page 1 Create Page Process Page 1

Process Type Process Attributes Process Messages Process Conditions

Cancel Create Process Next

Page: 1 - Plugin Demonstration

Point: On Load - Before Header

* Maximum Rows 1000

“try again” message Report refreshed. Please try download again.

> Page Items

Press “Next”.

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Skip next Page by pressing “Next”.

Home Application Builder SQL Workshop Team Development Administration Search Application

Application Builder Application 26483 Page 1 Create Page Process Page 1

Process Type Process Attributes Process Messages Process Conditions

Cancel Create Process

This process executes in sequence and only if the conditions identified in this step are met. You can specify a condition by making a selection from the When Button Pressed list. Any condition specified must be met before the page process executes. When Button Pressed conditions are only relevant for processes of type After Submit.

Page: 1 - Plugin Demonstration

Point: On Load - Before Header

Condition Type

Request = Expression 1

[PL/SQL] [item / column=value] [item / column not null] [item / column null] [request=e:1] [page in] [page not in] [exists] [never] [none]

Expression 1

YOUR_BUTTON_NAME

Set “Condition Type” : “Request = Expression 1”

Set “Expression 1” : the button name given in step 1.

Press “Create Process”.

Configuration Settings

Maximum Rows

Rows greater than this value will not be exported.
To export all the rows set the value to 1000000000.

"Try again" message

After adding\removing columns report need to be refreshed through pressing "Go"-Button. When user did not do that, download stopped. After that another download attempt needed.
In this case, this message will be displayed.

Installing sample application

You can find sample application in SAMPLE_APPLICATION folder in plugin archive.

To install sample application please follow this [Instructions](#).