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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
* Highlighting
* Auto adjustable Column Width
* Date/Number Formats
* Custom downloaded file name (see FAQ)
* Can be easy implemented for all Interactive reports in application (see FAQ)

License

The "GPV Interactive Report to MSExcel" APEX plugin and IR\_TO\_XML, XML\_TO\_XSLX, IR\_TO\_MSEXCEL 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 data again. You’ll get text a file with debug information.

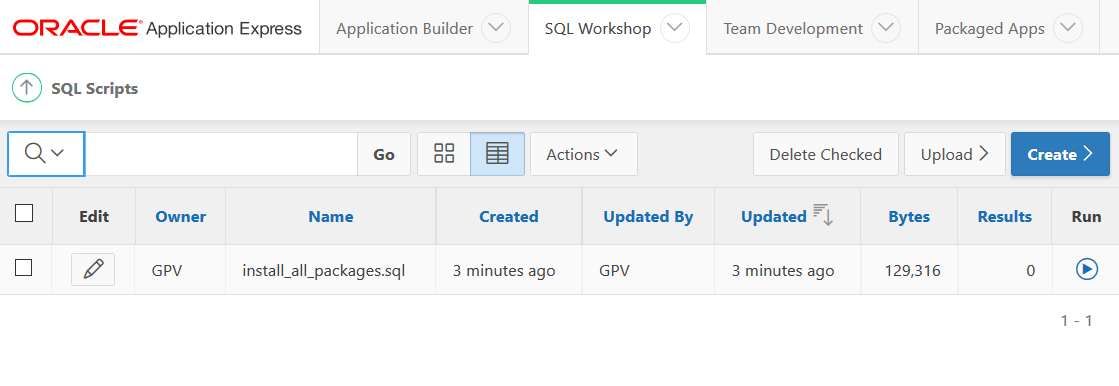
Please send this file to [pavelglebov@outlook.com](mailto:pavelglebov@outlook.com).

Installation

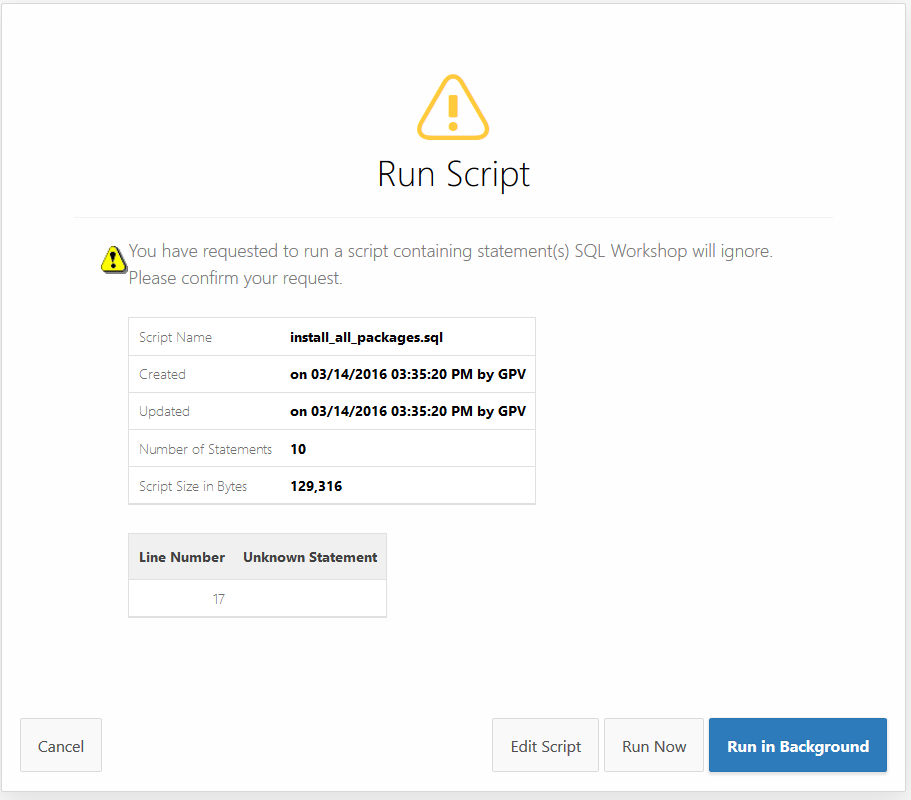
Install required package

This plugin requires IR\_TO\_XML, XML\_TO\_XSLX, IR\_TO\_MSEXCEL, APEXIR\_XLSX\_PKG.sql and AS\_ZIP packages. To install these packages, please use install\_all\_packages.sql all-in-one installation script.

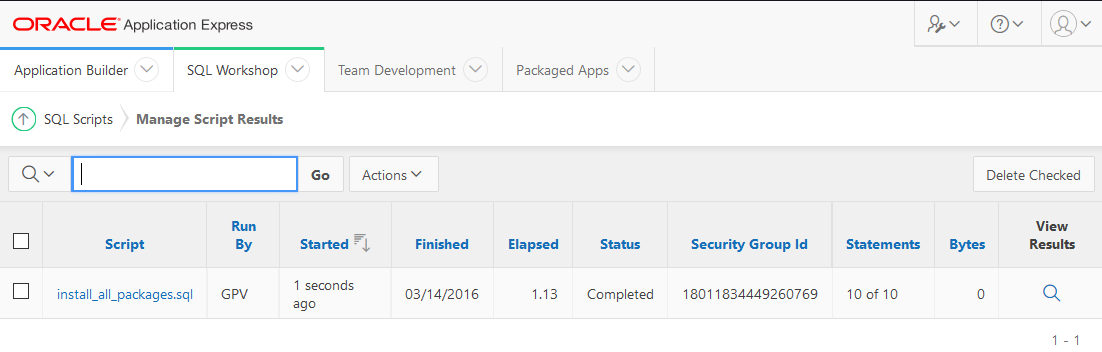
To do this, navigate to the “SQL-Workschop > SQL-Scripts”. Upload file **install\_all\_packages.sql**.



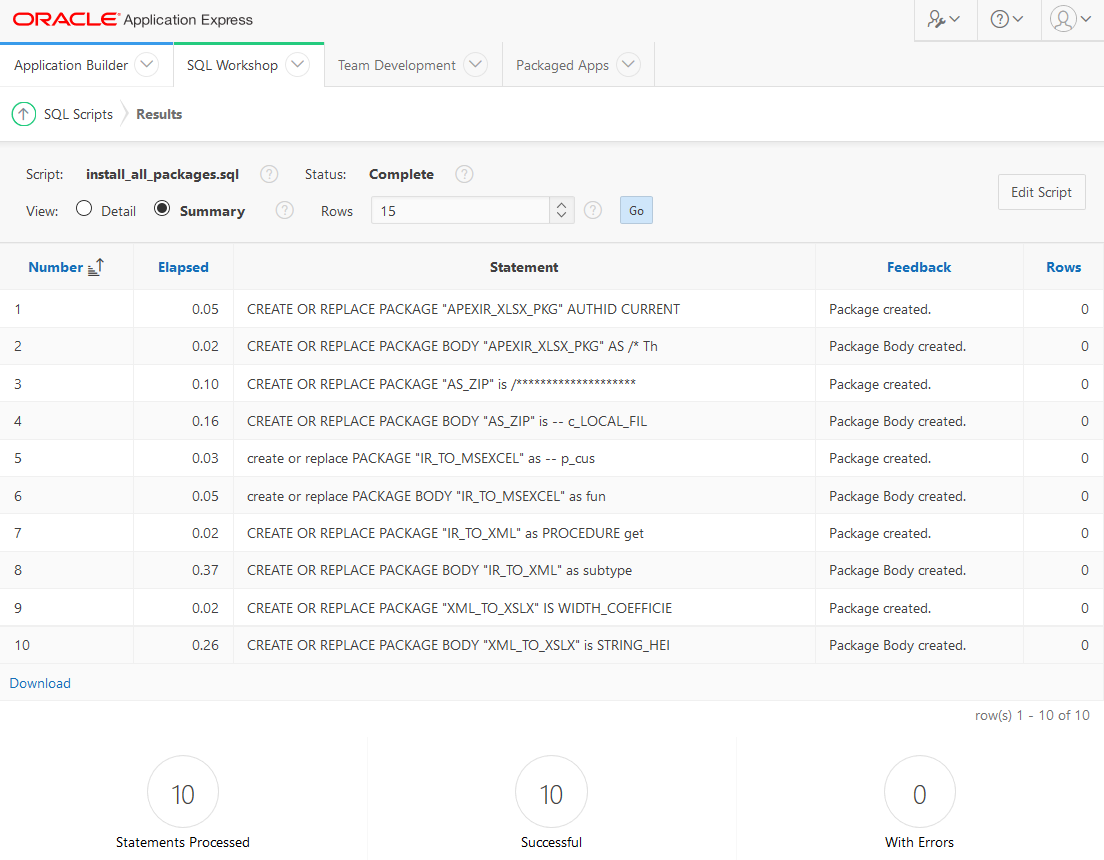
This script will be created all required packages. Run this script by pressing Run-icon.



Press “Run Now” button.



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



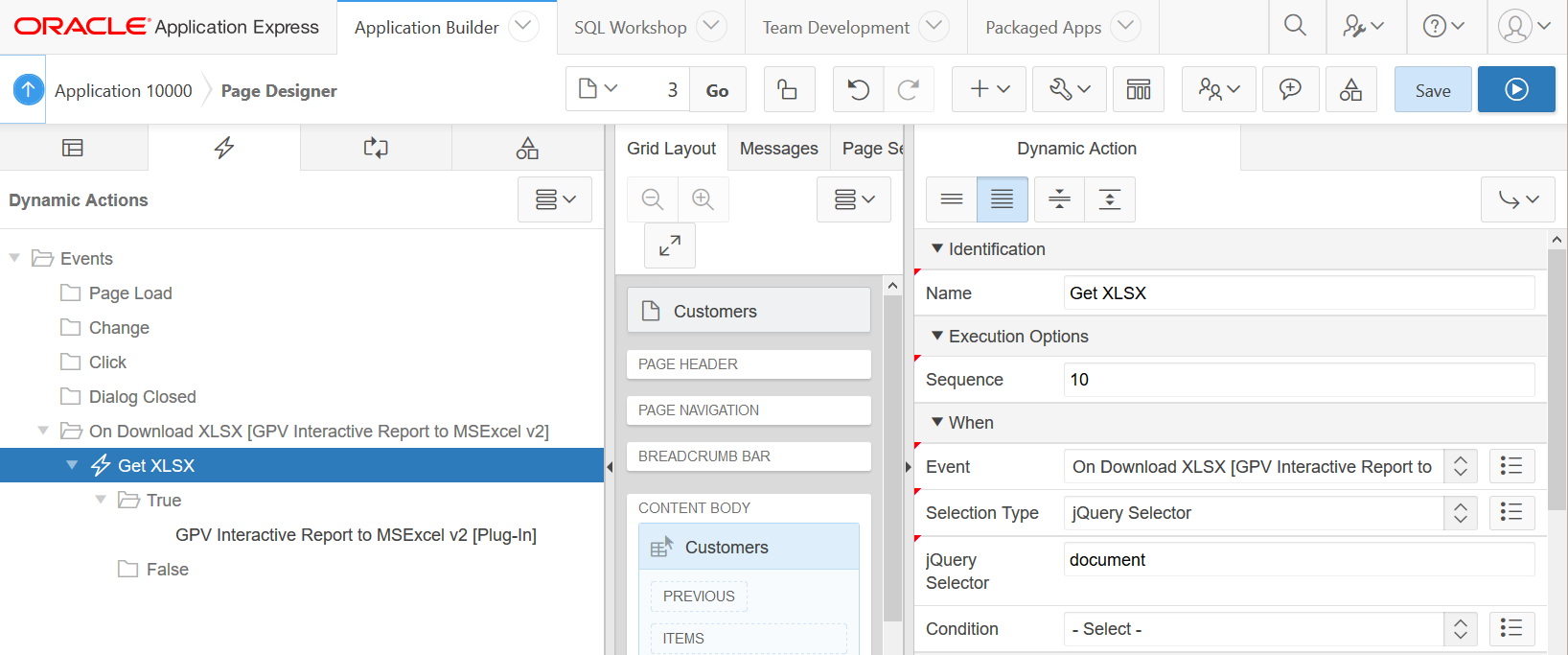
There should be no errors.

Install plugin

Navigate to “*Shared Components > Plug-ins*” and click **Import**. [Herefrom](https://docs.oracle.com/cd/E59726_01/doc.50/e39147/deploy_import.htm#HTMDB26010) 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.

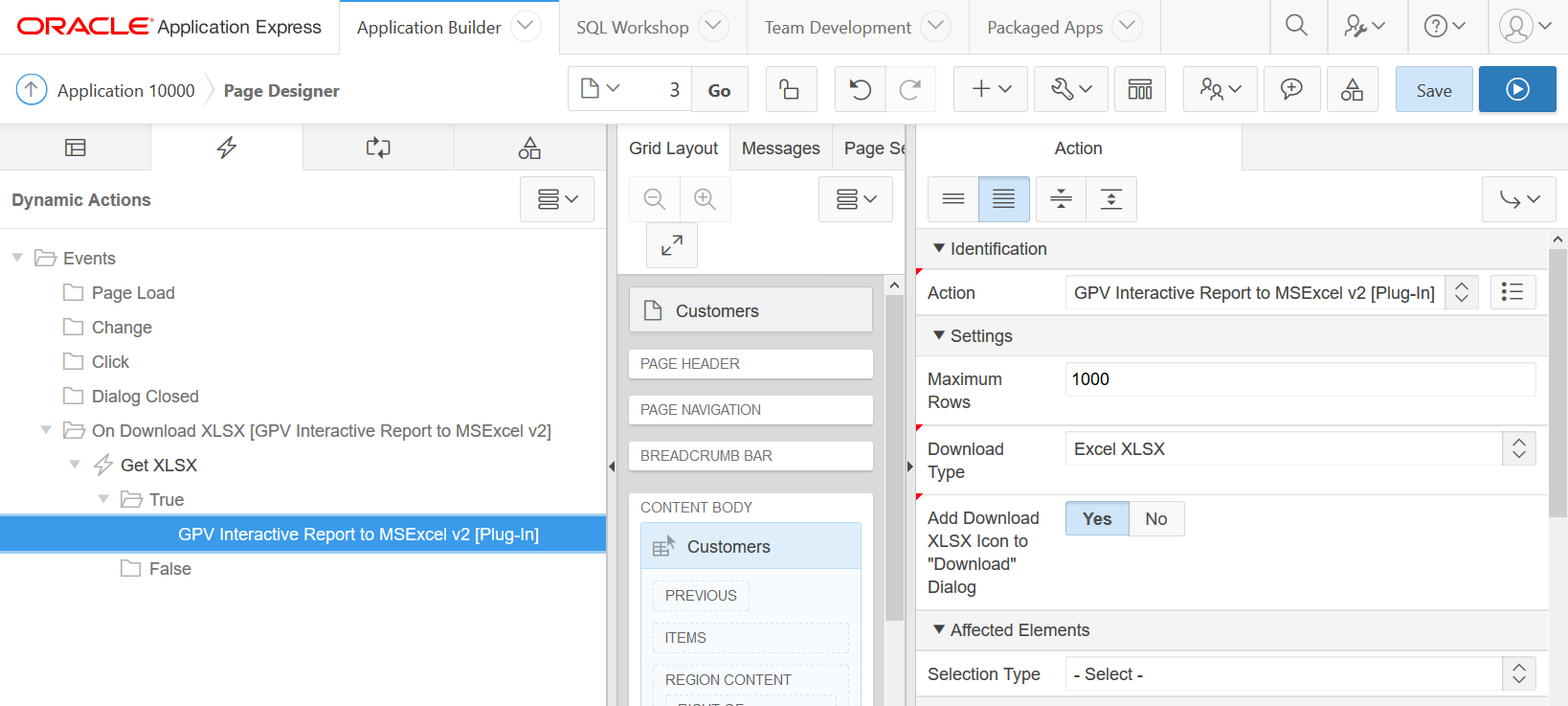
Using in your application

1. Create new Dynamic Action on Event “**On Download XLSX[GPV Interactive Report to MS Excel v2]**”.



Set

* “*Selection Type*” => “**jQuery** **Selector**”
* “*jQuery Selector*” => “**document**”

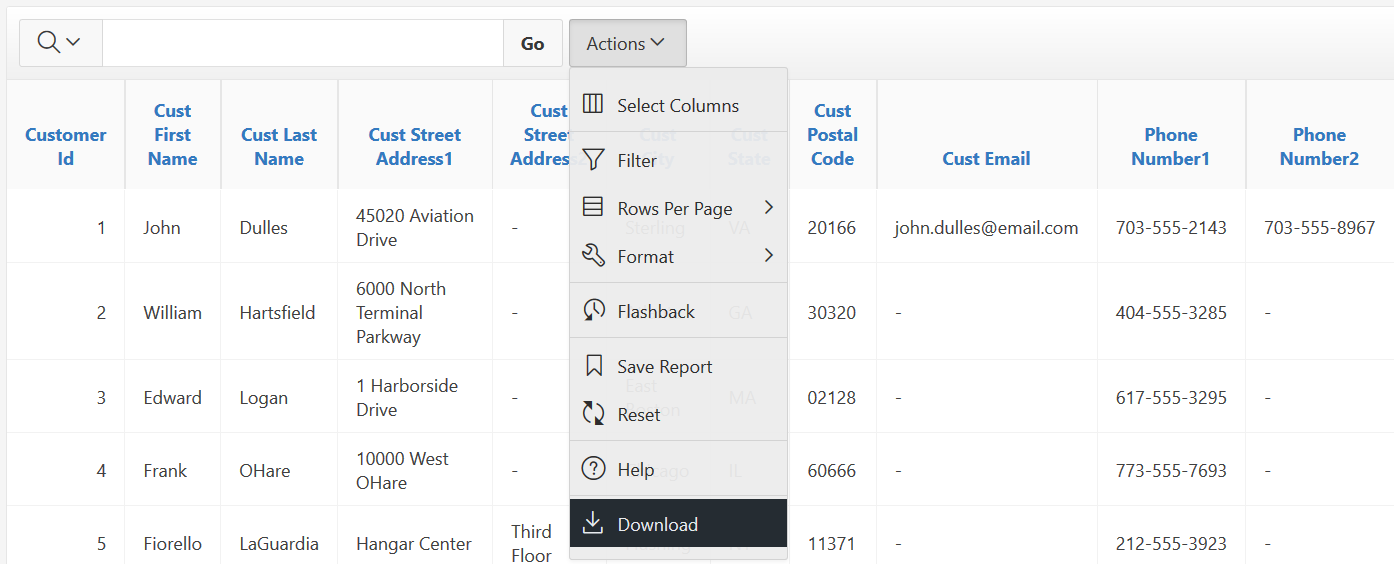


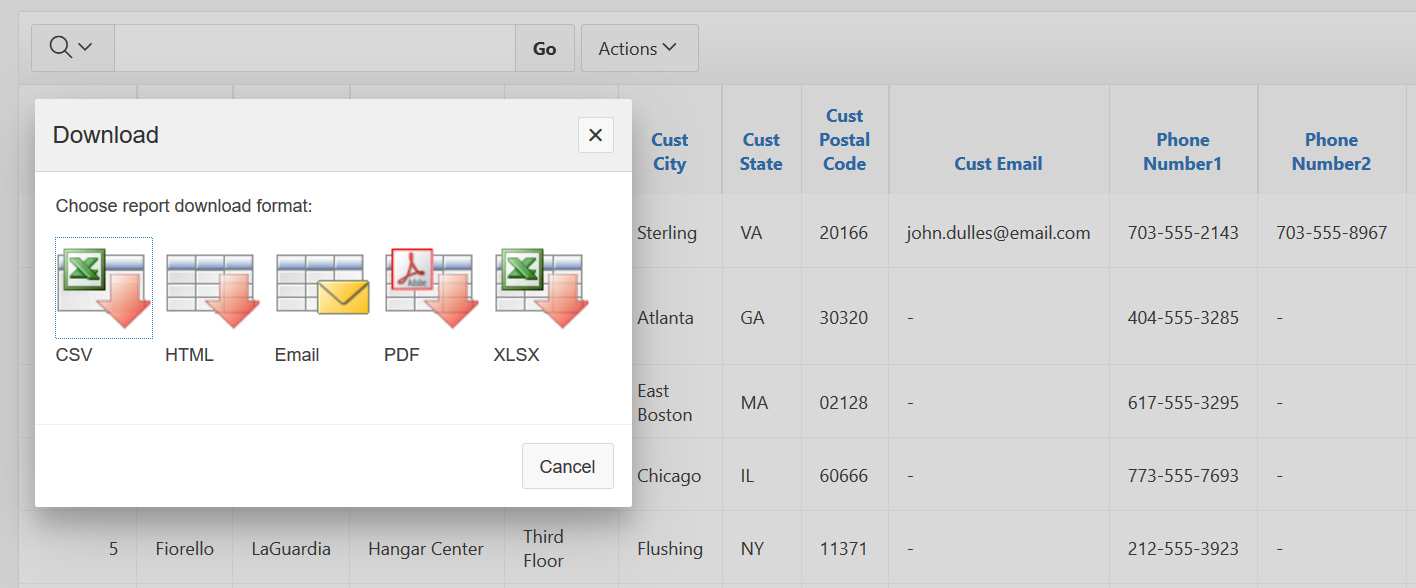
Select “*Action*” => “**GPV Interactive Report to MS Excel v2]**”

Plugin is ready to use with default settings.

**How it works**

Plugin add “Download XLSX” Icon to the “Download menu”. By pressing on this icon user get an XLSX-file.





**Installing separate rendering engine from Moritz Klein (commi235).**

Download and install all required packages from GitHUB (<https://github.com/commi235/APEX_IR_XLSX>).

Existing package APEXIR\_XLSX\_PKG.sql must be replaced.

After that you can use “**Download Type**” => “commi235 Render Engine”

Configuration Settings

Return Data

Choose "Excel XLSX" to return result of Interactive Report as MS-Excel file.

Choose "XML (Debug)" to return result of Interactive Report in XML format.

Choose "Debug TXT" to view debug information.

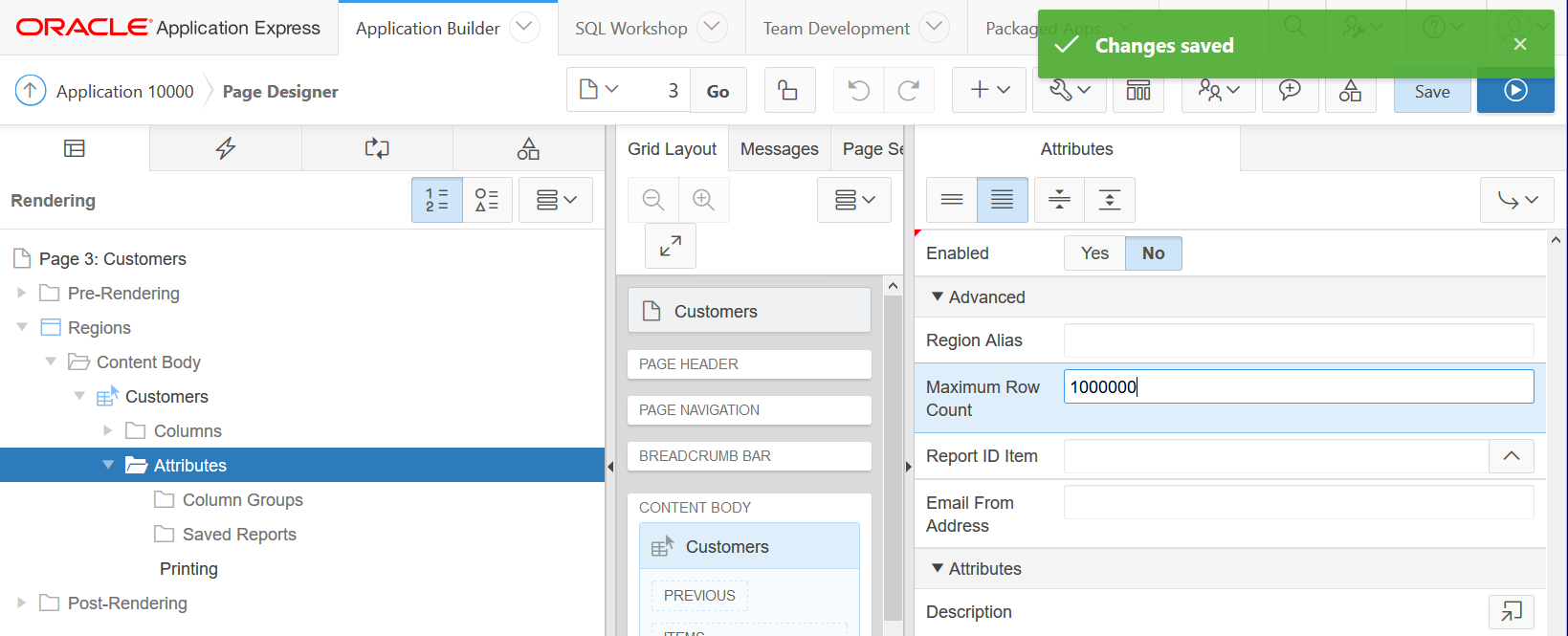
Choose “commi235 Render Engine” to use separate render engine from Moritz Klein (need to be installed separately).

Maximum Rows

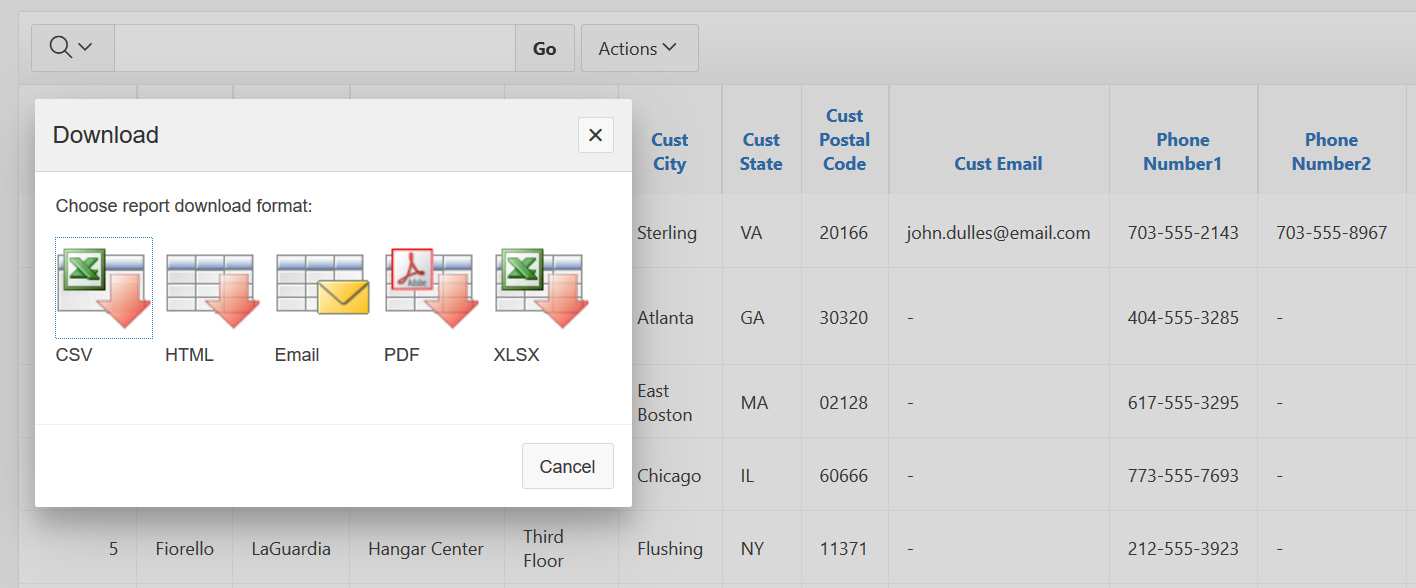
Rows greater than this value will not be exported.

To export all the rows set the value to 1000000000.

When empty - value from Interactive Report Attributes-> Maximum Row Count will be used.



## **Add Download XLSX Icon to “Download Dialog”**

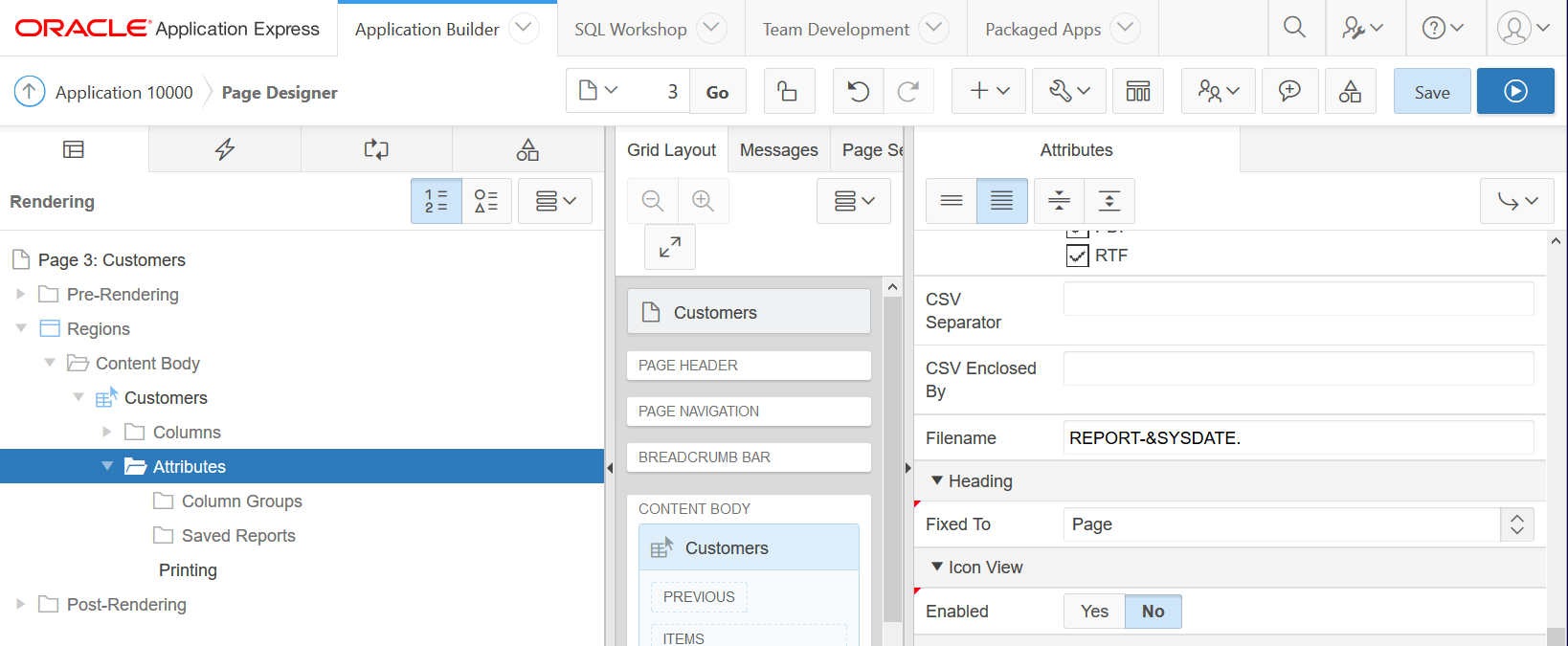


This Icon will be added

# FAQ (How to)

Replace default file name (Excel.xlsx) to the custom file name

When not empty, value from *Report Attributes*-> *Filename* field will be used.



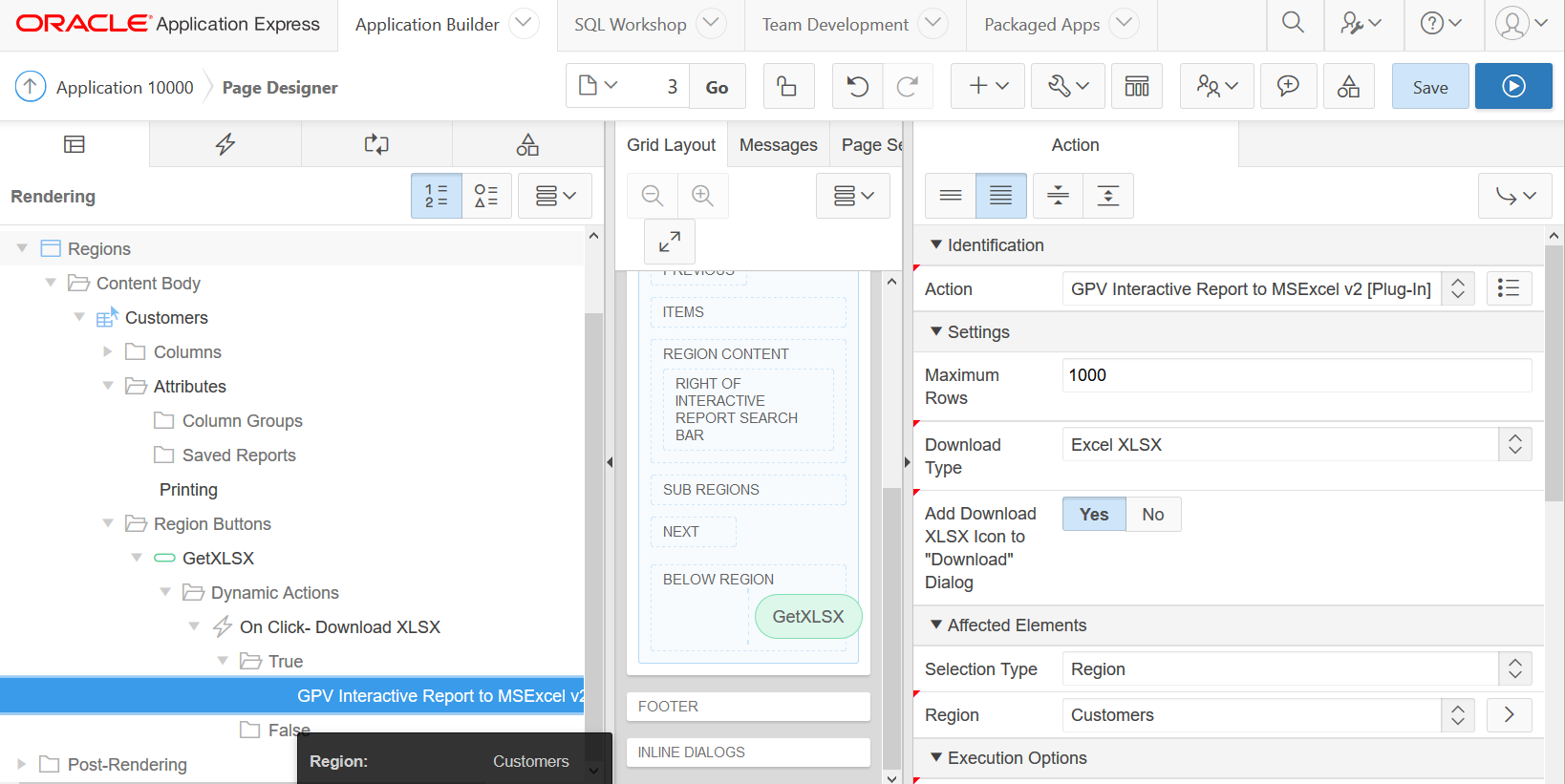
Easy implement this functionality to all Interactive report in your application

Install plugin on Page 0 as described above in “**Using in your application**” section.

When you want to exclude this functionality from couple of pages, use **Conditions**.

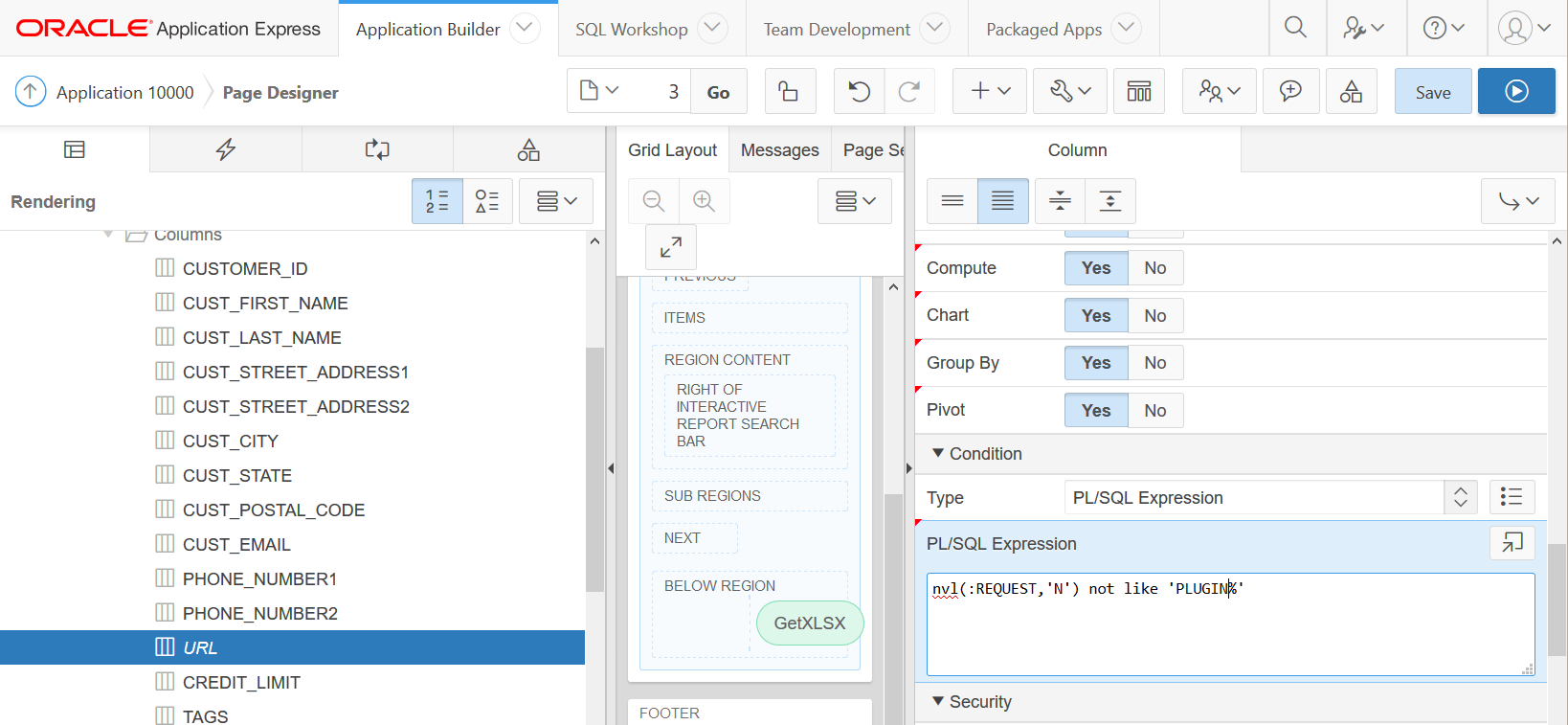
Adding custom download button

1. First create a Button
2. Create Dynamic Action on Event “**Click**” for this Button.
3. Create True Action an set “*Action*” to “GPV Interactive Report to MSExcel v2 [Plug-in]”.
4. In “*Affected Elements*” Section set “*Selection Type*” => “Region”.
5. Set “Region” to your IR report Region.



How to exclude reports columns from export/make columns that are visible in Excel but not visible in Interactive Report

Use **Conditional Display** column property for this.



Use ***nvl(:REQUEST,'N') not like 'PLUGIN%'*** Expression to exclude column from export,

and ***nvl(:REQUEST,'N') like 'PLUGIN%'***  Expression to make column visible on export only.