HOVITAGA

Hovitaga Report Generator

Boosting SAP report development processes

Introduction

Are you frequently requested for reports like "how many products does a customer order monthly, aggregated by product type", "who are the top 20 customers in Bonn and which is their favorite product" or simply "how much do we spend monthly on printing costs"? If so, the Hovitaga Report Generator is the right tool for you!

The Report Generator is a powerful software that helps SAP consultants and ABAP developers to quickly create simple reports. Only the OpenSQL query has to be built, no further ABAP programming is required. The source code of an ABAP program will be generated automatically, along with a transaction code, that directly executes the report. The generated report can have a selection-screen and it displays the data with an ALV grid or ALV tree. Thanks to the standard look and feel every authorized user is enabled to run the report.

With the standard functionalities of the ALV grid the list can be easily visualized using charts and diagrams, and can be exported to MS Excel for further analysis. This export functionality provides a way to supply business users with live data from your SAP system for detailed analytics.
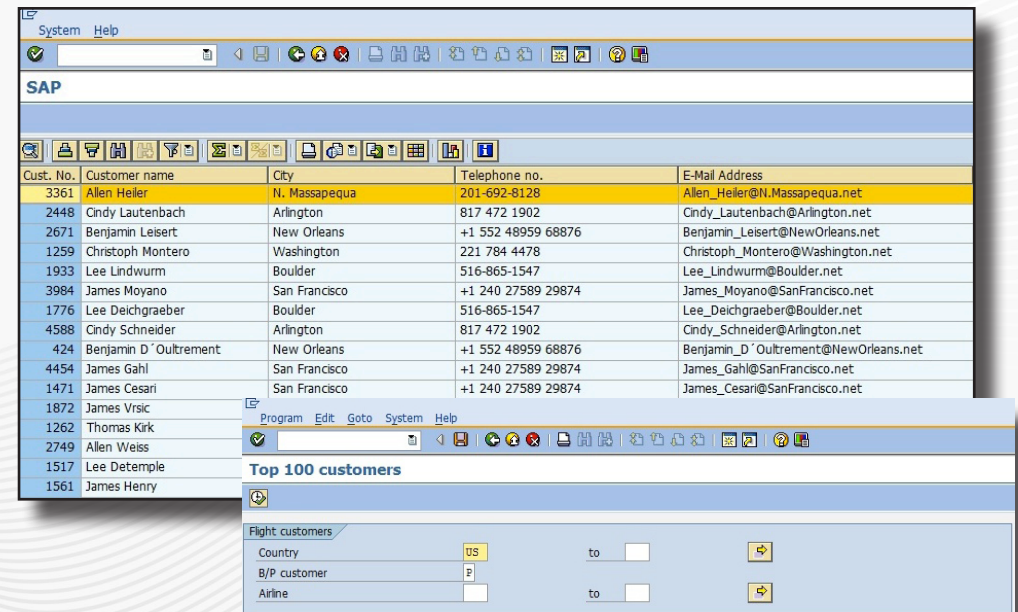
Reporting is critical from the perspective of the business, since all business decisions are based on some sort of report. The availability and quality of SAP reports have a great influance on the efficiency of SAP implementations. Creating custom business reports is a key area software developers and consultants spend a lot of time on. Your business can benefit from accelerated ad-hoc reporting with the use of Hovitaga Report Generator.

Features

Report Generation

All you have to do for a new report is to build the OpenSQL query which reads the data from the database. The software will guide you thru the rest of the process.

- You can select from a list which fields would you like to include in the selection screen as select-options or selection parameters you like to implement.

Cust. No.	Customer name	City	Telephone no.	E-Mail Address
3361	Allen Heiler	N. Massapequa	201-692-8128	Allen_Heiler@N.Massapequa.net
2448	Cindy Lautenbach	Arlington	817 472 1902	Cindy_Lautenbach@Arlington.net
2671	Benjamin Leisert	New Orleans	+1 552 48959 68876	Benjamin_Leisert@NewOrleans.net
1259	Christoph Montero	Washington	221 784 4478	Christoph_Montero@Washington.net
1933	Lee Lindwurm	Boulder	516-865-1547	Lee_Lindwurm@Boulder.net
3984	James Moyano	San Francisco	+1 240 27589 29874	James_Moyano@SanFrancisco.net
1776	Lee Deichgraeber	Boulder	516-865-1547	Lee_Deichgraeber@Boulder.net
4588	Cindy Schneider	Arlington	817 472 1902	Cindy_Schneider@Arlington.net
424	Benjamin D´Oultrement	New Orleans	+1 552 48959 68876	Benjamin_D´Oultrement@NewOrleans.net
4454	James Gahl	San Francisco	+1 240 27589 29874	James_Gahl@SanFrancisco.net
1471	James Cesari	San Francisco	+1 240 27589 29874	James_Cesari@SanFrancisco.net
1872	James Vrsic			
1262	Thomas Kirk			
2749	Allen Weiss			
1517	Lee Detemple			
1561	James Henry			

Top 100 customers

Flight customers

Country	US	to	
B/P customer	P		
Airline		to	

- Choose a name and a transaction code for the report.
- You can specify the package name and the transport request for the new objects using standard dialogs.

You no longer need to manually implement the following code, since all these are automatically generated with a few clicks:
- definition of selection screens
- type declaration
- data declaration
- programming of the UI (ALV grid or tree)
- declaration of event handler class and methods
- creation of a global structure in the data dictionary or a local structure in the report.
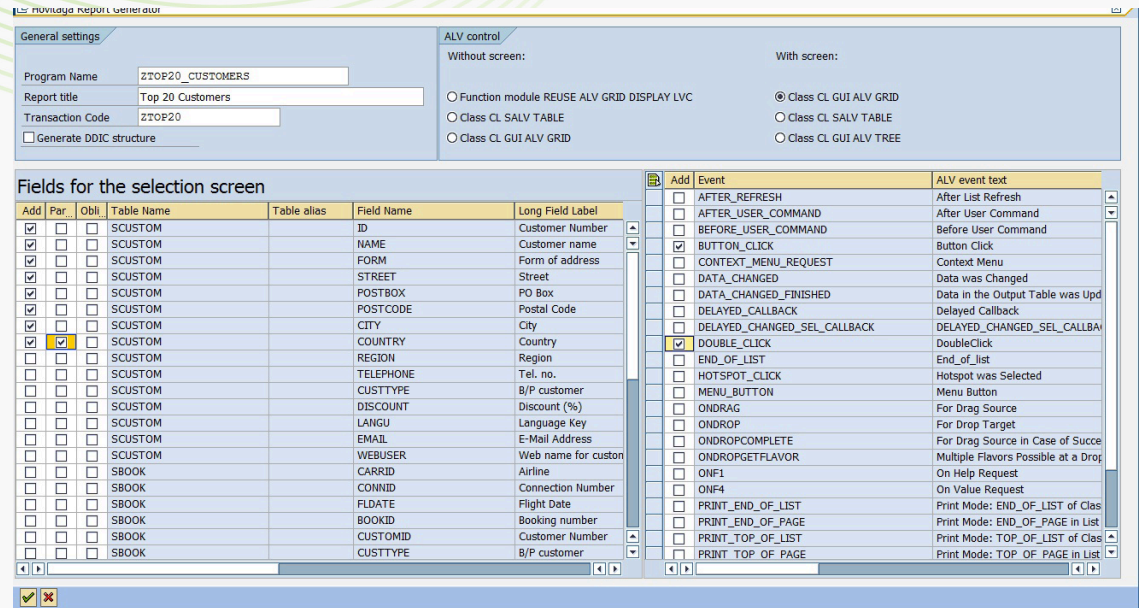
You can choose which ALV control to use:
- class based ALV grid (cl_gui_alv_grid)
- class based SALV table (cl_salv_table)
- class based ALV tree (cl_gui_alv_tree)
- function module based ALV grid (reuse_alv_grid_display_lvc)

Having all the options above, every developer can find the control that is he most comfortable for him/her, regardless of age, experience or skill level.

Depending on the generation settings, 200-1000+ lines of ABAP code can be generated in a few minutes. This can save from a few hours to a few days of development time depending on the complexity of the report.

The generated report is fully compliant with the SAP developer guidelines (naming conventions etc.), well commented, easy to read and easy to extend. It can be added to a packages and a transport request, is active and it can be instantly executed!

Execution of OpenSQL queries

One of the most interesting features is that the SQL statement can be executed and the result is displayed immediately. All syntax variations are accepted, without the use of local variables. Group functions, subqueries (nested to any level), inner and outer joins are all supported.

Developers can test and optimize the SQL query for rapid prototyping, and when the query is ready, a standard SAP report can be generated based on it. The generated report will take over the field structure of the result set.

Benefits

The benefits of Hovitaga Report Generator are affecting both the technical people and the business people. The business can benefit from a quicker ad-hoc reporting process. The average time to develop an SAP report will be drastically reduced. The sooner the ad-hoc reports are available, the better the business runs.

Technical people will also benefit from using the product. ABAP developers and SAP consultants don't have to waste time and effort on monotonous work arising every time, but can concentrate on the business logic of the reports that they develop.

Due to the possibility of choosing different ALV controls for the generated report, developers of any age and experience can instantly understand and enhance the them.

As a summary, SAP IT costs can be significantly lowered due to reduction of development time needed to create SAP reports.

Requirements and installation

The Report Generator is entirely written in ABAP, so it is transparent (not a black-box development) and integrated into the SAP system. No interfaces needed, no platform-dependency, no separate IT team to maintain. It does not expose the SAP system to any access from outside.

Installation is a process of few minutes, since it only consists of importing one transport with the TMS (Transport Management System). The only additional effort is to set up the authorizations for the users. Due to the intuitive user interface and extensive documentation no consulting or implementation project is needed. On request, we can istall the software for you.

Hovitaga Report Generator runs on SAP 4.6C but some features require SAP Netweaver 7.00 (aka. 2004s) or above.

Support and maintenance

We provide two levels of support. Standard support makes our customers eligible to receive regular support packages that contain all corrections and improvements. Customers who choose the premium support will receive every enhancement or correction immediately without having to wait for the new support package to be released. The Report Generator can be purchased without any support also, if required.

To learn more about the Hovitaga Report Generator, visit www.hovitaga.com or send a mail to info@hovitaga.com.
Detailed whitepapers and video demonstrations are available on our website.