Oracle® Hospitality Cruise SilverWhere
General Dynamic Interface Guide

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Oracle Hospitality Cruise SilverWhere General Dynamic Interface Guide, Release 9.1

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Contents

Preface

The Oracle Hospitality Cruise SilverWhere General Dynamic Interface (GDF) is a data integration tool that transforms data from one database to another, using the code base template to perform the transfer, compile and run each code during runtime.

Purpose

This document provides information about the functionalities of the Oracle Hospitality Cruise SilverWhere General Dynamic Interface (GDF).

Audience

This document is intended for installers, programmers, technical support teams, product specialists and others who are responsible for setting up the GDF Interface.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

• Product version and program/module name

• Functional and technical description of the problem (include business impact)

• Detailed step-by-step instructions to re-create

• Exact error message received

• Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/hospitality/cruise.html.

Revision History

Table 1   Revision History

Date	Description of Change
November 2022	Initial publication.

1

GDF Configurator

The GDF Configurator allows you to add or modify the GDF Templates that you use for data synchronization and data updates, using the available buttons and steps described below.

General Functionalities

The GDF Configurator allows you to add or modify the GDF Templates that you use for data synchronization and data updates, using the available buttons and steps described below.

GDF Template Overview Functionalities

Editing a template

1. Select the GDF Template from the **Template Overview** tab and click **Edit**
2. Make the required change
3. Click **Save**
4. Click **Compile**
5. To verify if the GDF Template is running without errors, click on **Run** and all results will be displayed in the Output section

Deleting a template

1. Select the GDF Template from the **Template Overview** tab and click **Delete**
2. Confirm the deletion by clicking **Yes**

Copying or pasting a template

1. Select the GDF Template from the **Template Overview** tab and click **Copy**
2. Click **Paste** and this saves the GDF Template under a new name starting with '*Copy from ...*'

Exporting a template

1. Select the GDF Template from the **Template Overview** tab and click **Export**
2. Browse to the location where you want to save the GDF Template.
3. Click on **Save**

Importing a template

1. Click **Import** in the **Template Overview** tab
2. Browse to the location where the GDF Template is stored, select the file with *.GDT extension and click on **Open**

3. In the **Template Properties tab**, configure the GDF Template. See section
   Configuration of the SWTOSPMS Template

4. Click on **Save**

5. Click the **Compile** button to verify if the GDF Template is running without errors,
   click on **Run** to display the results in the Output section. All GDF Templates are
   written and provided by Oracle Hospitality Cruise.

Starting or stopping a service

To start or stop the service of a GDF Template,

1. Select the GDF Template from the **Template Overview** tab

2. Click **Start Service** or **Stop Service**.

Registering or unregistering a template

To register a GDF Template,

1. Select the GDF Template from the **Template Overview** tab and click **Register**

2. This creates a registry entry for the GDF Template. In the **Template Overview** tab,
   the status of the GDF Template will change to **Registered**

3. To unregister a template, simply click **Unregister**. This removes the registry entry
   and changes the template in Template Overview to Unregistered.

Show Logs

To show the logs for a GDF Template,

1. Select the GDF Template from the Configuration of the SWTOSPMS Template tab
   and click **Show Logs**

2. In the **Template Overview** tab, Events section, you can review the logs shown

> ✎ **Note:**
>
> In order to see the full description of the logs, you can resize the
> windows using the drag and drop function on the divider between both
> windows, or adjust the column size for each field in the shown table.

Auto Refreshing Logs

To auto refresh the logs for a GDF Template,

1. Select the GDF Template from the **Template Overview** tab and click **Auto refresh
   logs**, select the GDF Template

2. This automatically refreshes the Events section.

> **Note:**
>
> In order to see the full description of the logs, you can resize the windows using the drag and drop function on the divider between both windows, or adjust the column size for each field in the shown table.

Manual Refresh Logs

The Refresh Logs allow you to refresh the log information manually using the below steps.

1. From the **Template Overview** tab, select the GDF Template

2. Click **Refresh logs**

3. The **Events** section will be refreshed to show the latest logs

> **Note:**
>
> In order to see the full description of the logs, you can resize the windows using the drag and drop function on the divider between both windows, or adjust the column size for each field in the shown table.

GDF Template Properties Functionalities

To save any changes within the GDF Template Properties, click on **Save**.

To compile the changes within the GDF Template Properties, click on **Compile**.

To open the GDF Template, click on **Execute**.

To stop the GDF Template, click on **Stop Run**.

To configure the number of rows being displayed in the Output section, click in the drop-down box for **Output line**.

To schedule the frequency to run the GDF Template, click on **Schedule Item** and define the days or minutes.

To add new Database Connection Details, click on **Add Connection** and provide the **Connection Name, Instance Name, Database User** and **Database User Password**.

To delete existing Database Connection Details, select the **Database Connection** from the drop-down menu and click on **Delete Connection**.

To validate if the Database Connection Details are correct and the connection to the database is successful, select the Database Connection from the drop-down menu and click on **Test Connection**.

2

Configuration of the SWTOSPMS Template

The SWTOSPMS Template is required to import cruise, passenger, crew and group data from SPMS to SilverWhere.

This section describes how to configure the different areas within the SWTOSPMS Template to meet operational needs.

> ⚠ **WARNING:**
>
> Changing any of the template settings may have an adverse impact on the ship's operation. Consult Support and Consulting team for more information before proceeding.

> ✏ **Note:**
>
> The different parts of the SWTOSPMS Template can be turned on or off by checking or unchecking the main function, for example, disabling 1.0 will disable all the sub-functions .

General Functionalities

Below table describes the available settings.

Table 2-1   General

Function	Description
Ship	Enter the ship code (SHIP.SHIP_CODE)
Number of Future Cruises To load	Enter the number of cruises to import and update from SPMS
Do a full reload X number of days before cruise starts	Enter the number of days when a full reload of the cruise data should take place before the embarkation date
Performs Full System Event Log	Enable or disable if all events are to be written to the Event Viewer log
	If it is enabled, then all progress events will be entered in Windows event log. If it is disabled, progress events will not be entered and you will see the error and normal activity log like thread terminated and others. This only applies if you have registered the GDF Template previously.
Log Error into Database	Enable or disable if errors should be written to the BKSTG_DINING.LOG table

Updating Cruise from SPMS Functionalities

Table 2-2

Function	Description
1.0 Updating Cruise from SPMS	
1.0.1 Number of Cruise Days To extract	Enter the number of cruise days to retrieve from SPMS, taking into account the value in the **Number of Future Cruises To Load**
1.0.2 Cruise Format to import	Enter the date format of the CRUISE.CRUISE_ID, for example, 'yyyy-MM-dd'
1.0.3 Cruise Type to import	Enter one of the below codes for the Cruise Type: • **R** for Regular Cruise • **S** for Segment Cruise. Requires segment entries in LOOK_UP with LOOK_UP_TYPE = 'SEGMENT'
1.0.4 Segment Rule	Select a Segment rule from the drop-down menu if the value in *[1.0.3 Cruise Type to import]* is S for Segment
1.0.5 Pre-populate Debark Date if NULL presented	Select the method of how the cruise should be inserted into CRUISE table if there is no cruise end date present in SPMS
1.1 Copy Cruise Dining Room/ Table from Ship	Enable this if you use Classic Dining onboard.
1.1.1 Seat Time 1	Enter the time of the first seating.
1.1.2 Seat Time 2	Enter the time of the second seating.
1.2 Copy Cruise Availability from Template	Enable if Alternative Dining is being used onboard.
1.3 Copy Cruise Server from Ship	Enable to retrieve the crew data from SPMS for Classic Dining.
1.3.1 Get Cruise Server from Last Cruise first	Enable if server records should be duplicated from the last cruise.
1.3.2 List of Server to add	Enter the OPO_IDs of the positions that should be retrieved from SPMS, separated with a comma.
1.4 Copy Cruise Itinerary from SPMS	Enable if the itinerary details are retrieved from SPMS.

Updating Passenger from SPMS Functionalities

Table 2-3   Updating Passenger from SPMS

Function	Description
2.0 Updating Passenger from SPMS	Enable to retrieve the passenger data from SPMS.
	If a passenger record exists, perform an update, otherwise a new passenger record will be created..
2.0.1 Force update Passenger's Group ID	Enable to retrieve the GROUP_ID from SPMS
2.0.2 Update Priorities Levels	Enter the number of priority levels to retrieve from SPMS (from 1-5)
2.0.3 Identity ID for Passenger ID	Select the ID to use as a unique identifier for the passenger:
	• RES_ACC
	• RES_REFERENZE
	• Self-Generated ID
2.0.4 Extract From Base RES_STATUS	Enter the RES_STATUS (e.g. CC,CL,DD) to retrieve from SPMS, separated with a comma. Used for the <u>current</u> cruise
2.0.5 Extract From Future RES_STATUS	Enter the RES_STATUS (e.g. RR,RE,RN,RX) to retrieve from SPMS, separated with a comma. Used for <u>future</u> cruises
2.1 Copy Passenger's Special Request from SPMS	Enable if you want to retrieve the Special Requests from SPMS
2.1.1 Copy Special Request from Fidelio.AME	Enable this to retrieve the Special Requests from the FIDELIO.AME table.
2.1.2 Copy Special Request from Fidelio.SRT	Enable this to retrieve the Special Requests from the FIDELIO.SRT table.
2.2 Passenger Add Description	Enter the description to use for data that was added by the GDF, e.g. 'Fidelio Add'
2.3 Import Passenger Award Level	Enable this to retrieve the Passenger Award information from SPMS
2.3.1 SPMS table.column	The column name can be set from RES or UXP table for a single column name.
2.3.2 Source Length	To avoid the field length error, specify the proper field length. Default 0 means no substring is required.
2.4 Import Loyalty Status from SPMS	Enable this to retrieve the Loyalty Status information from SPMS
2.4.1 Source	The column name can be set from RES or UXP table for a single column name.
2.4.2 Destination	Enter the column in PASSENGER in which the SPMS data should be inserted.
	Parameter Validation
2.4.3 TYP – Source Reference	Optional, to turn off the reference field from TYP table, please put the empty/blank string.

Table 2-3   (Cont.) Updating Passenger from SPMS

Function	Description
2.4.4 Source Length	Custom Properties [**2.4.4 Source Length (P)**]
	Enter the data length which should be inserted.
2.5 Import FLEX-SEATING from SPMS	Enable this to retrieve the Flex Seating information from SPMS
2.5.1 Source	The column name can be set from RES or UXP table for a single column name.
2.5.2 Destination	Enter the column in PASSENGER in which the SPMS data should be inserted.
2.5.3 Source Length	Enter the data length which should be inserted.
2.6 Update Cruise Group Seating	Enable to generate entries for the groups in the CRUISE_GROUP_SEATING and CRUISE_GROUP_LIMIT tables (required for the Group Management module)

Updating Crew from SPMS Functionalities

Table 2-4   Updating Crew from SPMS

Function	Description
3.0 Updating Crew from SPMS	Enable this to retrieve the crew data from SPMS for Alternative Dining.
3.1 List of Crew's Position to Import	Enter the OPO_IDs of the positions that should be retrieved from SPMS, separated with a comma

Updating Cruise Group From SPMS Functionalities

Table 2-5   Updating Cruise Group from SPMS

Function	Description
4.0 Updating Cruise Group from SPMS	Enable this to update the group data for this cruise from SPMS.
4.1 Extract from RES_STATUS	Enter the RES_STATUS (e.g. RR, RE, CC, CL) that should be retrieved from SPMS, separated with a comma.

Updating Passenger Type Functionality

Table 2-6   Updating Passenger Type

Function	Description
5.0 Updating Passenger Type	Enable to update the passenger type based on the gender and age of the passengers sharing a cabin.

Updating SPMS's Reservation From SilverWhere Functionalities

Table 2-7   Updating SPMS's Reservation From SilverWhere

Function	Description
6.0 Updating SPMS's Reservation from SilverWhere	Enable this if you are using Classic Dining and RES shall be updated with the dining assignment information from PASSENGER.
6.1 Is Flex Dining	Enable this if the FLEX_SEATING column is used.