



SHIPDEX VIEWER

SHIP-OWNER FUNCTIONAL CODE NEW  
FUNCTIONALITIES

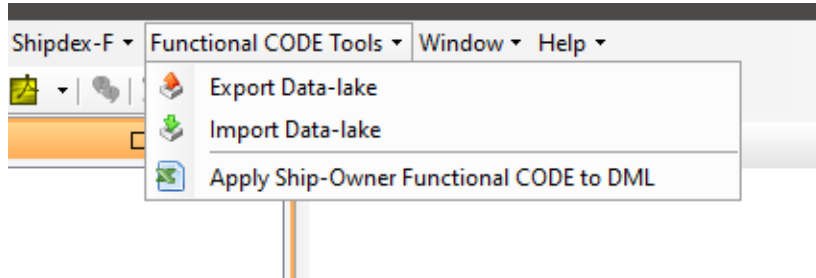
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## INTRODUCTION – USE CASES

This document will guide you through the new functionality of the **4.1** version of Shipdex Viewer.

This version added a new menu to the toolbar with 3 new main functionalities that are each described later.



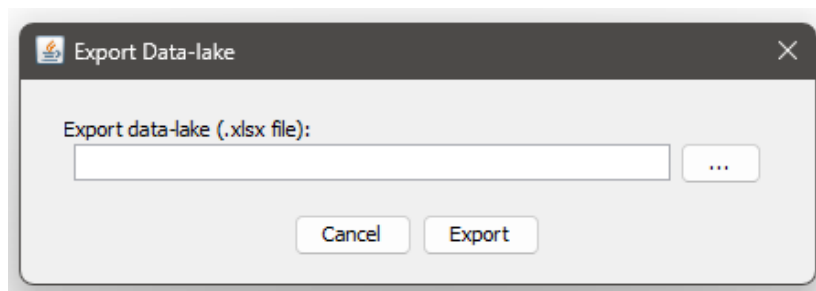
We can highlight 3 main use cases:

1. The user wants to populate the data-lake with all the relevant info from the DML.
2. The user wants to import the modified Excel file to update the data-lake in Shipdex.
3. The user wants to merge data-lakes from different sources in order to have a single, updated version of all data.

## EXPORT DATA-LAKE

This function lets the user export the entire data-lake of entries previously imported in Shipdex Viewer.

The user selects the path in which the file (userselectedname\_dataLake.xlsx) will be saved and then clicks “**Export**” to execute.

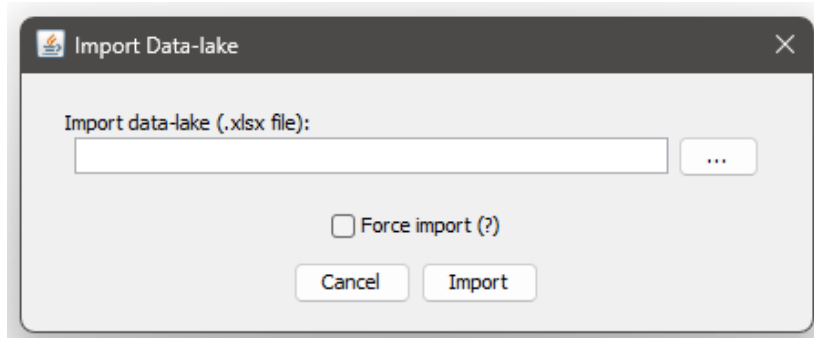


## IMPORT DATA-LAKE

With this functionality the user can import a previously exported (and possibly modified) data-lake.

Same as before, the user must select the .xlsx file that in this case will be imported into the data-lake.

In case of conflicting rows the value of "Ship-Owner Functional Code" for that row will be overwritten, otherwise if this particular entry is not present it will be simply added to the data-lake.

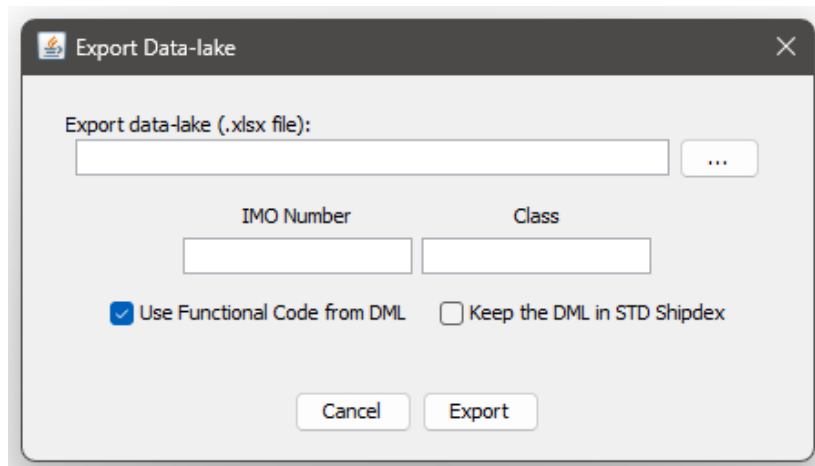
**WARNING:**

*The checkbox "Force import" DELETE ALL the previous imported entries in the data-lake before importing!  
It is advised to export a back-up before proceeding.*

## APPLY SHIP-OWNER FUNCTIONAL CODE TO DML

We can define this as the main function of the new update, as it is the core of the whole process.

The user must select the folder in which the files will be saved: one will be the DML with the updated Ship-Owner Functional codes, and the other one with the list of all the missing entries.



The user can now update/modify the `DataLake_Missing_Entries.xlsx` file and import it (with the appropriate function) in Shipdex to update and populate the data-lake.

Each time this function is used, Shipdex will check if all the entries in the DML are present in the data-lake and generate the associated file with the missing entries, one row for each match.

If the user decides to “*Keep the DML in STD Shipdex*” marking the relative checkbox then the new column ( **Ship-Owner Functional Code** ) will overwrite the original “Functional Code” column.