

Order Export Interface

Functional Design Document

Document History

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| **Version** | **Updated by** | **Date** | **Comments** |
| 1.0 | Shashank Bezalwar | 13/05/2015 | DRAFT |
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Document references

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| **Reference and Document Title** | | **Version Number** | **Date** |
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1. Introduction
   1. Document Purpose

This document is the Functional Design Document which provides information of Export Order addon. It covers:  
a) Brief description of the interface  
b) Message format and specification

* 1. Intended Audience

This document is aimed at the client who wants to discover the principle of the Export Order addon in Hybris.

* 1. Document Scope

This document covers the details about the functionality Export Order addon.

* 1. Document Structure

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| --- | --- | --- |
| Section | | Description |
| 1 | Introduction | Describes the purpose and intended audience of the document and explains its structure. |
| 2 | Brief Description | Overview of the module. |
| 3 | Appendices | Supporting information |

* 1. Additional Resources

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | URL | Purpose |
| 1 | Wiki Portal | <https://wiki.hybris.com> | To gather more information |
| 2 | Coconet | [https://coconet2.capgemini.com/sf/go/doc3343873?nav=1](https://coconet2.capgemini.com/sf/go/doc3343873?nav=1%20) | To refer technical specifications |

* 1. Interface List

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| --- | --- | --- | --- |
| 1 | File OrderData |  | Sample file for OrderData |

Brief description of the Export Order interface

* 1. Export Order interface description

The export order module has been created to permit the export of order data to in CSV format. The CSV file has to be copied to the desired location from the local file system folder to be consumed by third party interface. The process reads the internal Hybris order information in the database and exports it to the CSV file. If the file is successfully exported, it is available under the export folder. Otherwise it is moved in error folder and you have to analyze the file in log folder of interfaceerror folder to understand the error.

* 1. Export Order interface connectivity overview

N.A

* 1. Export Order Interface behavior

The cron job is scheduled to run every 5 minutes. The orders with status Completed and Export status as not exported are eligible for export.  
The interfaceerror module formalizes the errors messages to make them understandable by the user.

* 1. Message format and specification

The data about order is saved in CSV files. The naming convention of the file is as follows:

* OrderData-yyyyMMddHHmmss.csv where “yyyyMMddHHmmss” is the timestamp. E.G OrderData-20150323163333.csv

The file will be placed in the folder: hybris/data/acceleratorservices/export/

Below is the list of attributes that are exported by the interface:

* + Order Code
  + Order Status
  + Purchase Order Number
  + User Name
  + Calculated
  + Currency
  + Payment Status
  + Payment Mode
  + Total Tax
  + Total Discount
  + Total Price
  + Address
  + Delivery Mode
  + Delivery Cost
  + Product Code
  + Product Quantity
  + Product TotalPrice
  1. Data

Here is an example of data for OrderData file: 

* 1. File / Message processing
     + - The interface reads the order information from the database.
       - The interface converts the data into csv file.
       - The file is generated under hybris/data/acceleratorservices/export.
       - The file is then copied to the desired folder to be consumed by third party interface.
       - The interfaceerror module formalizes the errors messages to make them understandable by the user
  2. Transformations

The internal Hybris order data is converted to CSV file. The csv file is then consumed by third party interface.

* 1. Exception Management and Logging
     1. Exception Management

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| --- | --- |
| **Exception** | **Message** |
| FileNotFoundException | Exception caught when :   * The file does not exist. |
| UnsupportedEncodingException | Exception caught when :   * The specified encoding is not supported. |
| IOException | Exception caught when :   * Error during the file IO, possible cause is insufficient privilages. |

* + 1. Logging / Audit

N.A

* 1. Security requirements

User must have a sftp access to the server in order to drag and drop the csv file to the sftp folder to be consumed by third party interface.