

## User Guide for Export Functionality Implementation

### Steps to Implement Export Functionality

#### 1. Module Registration

- a. Created the registration.php file to register the module.

#### 2. Module Configuration

- a. Created the module.xml file inside the etc folder to define the module.

#### 3. Adding Export Options

- a. Added export options to the UI component in  
view/adminhtml/ui\_component/sales\_order\_grid.xml.

#### 4. Creating Export Controllers

- a. Developed separate controllers for each export format:

##### 1. Controller/Adminhtml/Sales/Export/Csv.php (for CSV export)

###### **execute()**

- **Purpose:** Handles the export process when the admin triggers the action.
- **Functionality:**
  - Retrieves the request.
  - Validates the form key.
  - Retrieves selected order IDs.
  - Checks if any orders were selected.
  - Calls the exportOrders() method from OrderExport to generate the CSV.
- **Returns:** A redirect response or the result from exportOrders().

##### 2. Controller/Adminhtml/Sales/Export/Json.php (for JSON export)

###### **execute()**

- **Purpose:** Handles the export process when the admin triggers the action.
- **Functionality:**
  - Retrieves the request.
  - Validates the form key.
  - Retrieves selected order IDs.
  - Checks if any orders were selected.
  - Calls the exportOrders() method from OrderExport to generate the JSON.
- **Returns:** A redirect response or the result from exportOrders().

##### 3. Controller/Adminhtml/Sales/Export/Excel.php (for Excel export)

###### **execute()**

- **Purpose:** Handles the export process when the admin triggers the action.
- **Functionality:**
  - Retrieves the request.
  - Validates the form key.
  - Retrieves selected order IDs.

- Checks if any orders were selected.
- Calls the exportOrders() method from OrderExport to generate the Excel file.
- **Returns:** A redirect response or the result from exportOrders().

## 5. Creating the Model for Exporting Orders

- Developed the OrderExport.php model file to handle the export logic.

## 6. Defining Admin Routes

- Created the etc/adminhtml/routes.xml file to define admin routes for the export functionality.

### Output:

The screenshot shows the Magento Admin 'Orders' grid. A yellow notification bar at the top states: 'Task "Trigger recollect totals for quotes by rule ID 7": 1 item(s) have been successfully updated.' The grid displays 55 records. An export dropdown menu is open, showing options: CSV (selected), Excel XML, Export CSV file, Export JSON file, and Export Excel file. The grid columns include: Actions, ID, Purchase Point, Purchase Date, Bill-to Name, Ship-to Name, Grand Total (Base), Grand Total (Purchased), Status, and Payment Method. The first six rows of data are visible, showing orders with various statuses like Processing, Closed, Canceled, Pending, and Complete.

When clicking the export option with a selected order in the admin order grid, the following error occurs: **"Invalid security or form key. Please refresh the page."** Additionally, the selected order file is not being downloaded.

The screenshot shows the Magento Admin 'Dashboard'. A yellow notification bar at the top is the same as in the previous image. Below the dashboard summary cards, a red error message banner is displayed: 'Invalid security or form key. Please refresh the page.' The dashboard includes sections for 'Advanced Reporting' (with a 'Go to Advanced Reporting' button), 'Lifetime Sales' (\$499.40), 'Average Order' (\$33.29), and 'Last Orders' (a table with 5 rows). The 'Last Orders' table has columns: Customer, Items, and Total. The first two rows show orders for 'vicky r' with 1 item each, totaling \$12.00 and \$60.00 respectively. The bottom section shows 'Bestsellers' with a table of products like 'Strive Shoulder Pack', 'Joust Duffel Bag', 'Dash Digital Watch', and 'Typhon Performance Fleece-lined Jacket-S-Green'.