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For more details see how the Export Products for Magento 2 extension works.

Guide for Export Products for Magento 2

Migrate product data to third-party systems or other Magento instances without coding. Build multiple flexible export profiles and set automatic migration with Export Products for Magento 2.

- Transfer all types of products
- Include any product attributes to export files
- Run export profiles by cron or event
- Perform regular or one-time exports with additional export interfaces
- Adjust export flow based on your server capacity

Solution Structure

Amasty Export by now includes 3 separate modules to perform export tasks:

- **Export Products:** a separate export to deal with product entities
- **Amasty Export:** suitable for one-time export of any available entity
- **Amasty Export PRO:** a tab to create cron jobs concerning export activity

The more Amasty modules you have, the more entities you will be able to export in the first simplified module and in the PRO version. Follow **Import & Export solution updates** to discover new possibilities.

Note, that if your export managers have specific permissions to the admin panel, you need to grant them access to both **Export Products Profiles** and **Amasty Export**. Otherwise, they won't be able to execute the export.

Export Products Configuration

Prior to creating export profiles, please configure the basic product export options.

Go to **Stores → Configuration → Amasty Extensions → Export Products**.

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General Settings

Enable module [global]	Yes ▼
Export Batch Size [global]	500
	The number of orders that will be processed in an iteration.
Log Auto-Cleaning [global]	Yes ▼ ❓
Log Auto-Cleaning Period (Days) [global]	90 ❓
Export Files Auto-Cleaning [global]	Yes ▼ ❓
Export Files Auto-Cleaning Period (Days) [global]	5 ❓

Enable module - choose *Yes* to activate the extension.

Export Batch Size - set the number of products that will be processed in an iteration.

Log Auto-Cleaning - set *Yes* to clean logs automatically. The records will be removed from Export History after the period specified below.

Log Auto-Cleaning Period (Days) - define the period after which export history will be cleaned.

Export Files Auto-Cleaning - if enabled, the generated export files will be automatically removed from the server after the period specified below.

Export Files Auto-Cleaning Period (Days) - identify the period after which the files will be removed from the server.

Multi-Process Export

Enable Multi-Process Export [global]	Yes ▼ ❓
Number of Parallel Processes [global]	4 ❓

Enable Multi-Process Export - set to *Yes* to speed up the export. Remember, that this option is added specifically for products. The multi-process for Amasty Export and Amasty Export Pro should be enabled in the other tab.

The 'Multi-Process Export' feature requires the **PHP extension 'pcntl'** to be installed on the server. If you enable the feature and no performance boost happens, please ask your hoster/system administrator to check if the 'pcntl' extension is installed.

Number of Parallel Processes - specify the number of processes according to your server capabilities. The more parallel processes are set, the faster the export process goes, but the higher the server loads.

Export Product Profiles

The extension allows you to create flexible profiles for the products export and execute it on regular basis. To view all the profiles, please go to **System → Export Products → Profiles**.

Export Profiles

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Add New Profile

▼ Filters ● Default View ▾ ⚙ Columns ▾

Actions ▾ 5 records found 20 ▾ per page < 1 of 1 >

Profile ID ↓	Profile Name	File Format	Execution Type	Last Run	Last Update	Run Profile	Action
4	ERP Connector	ODS	Cron	Sep 24, 2020 11:34:18 AM	Sep 25, 2020 3:15:14 PM	Run Profile	Edit
5	Daily Sales Report	XLSX	Event	Sep 24, 2020 12:09:57 PM	Sep 24, 2020 12:10:37 PM	Run Profile	Edit
6	Low Stock Products	CSV	Cron	Sep 28, 2020 8:08:18 AM	Sep 28, 2020 8:08:18 AM	Run Profile	Edit
7	Marketplace Products	XLSX	Event	Sep 24, 2020 12:47:34 PM	Sep 25, 2020 2:36:15 PM	Run Profile	Edit
8	Summer Collection Sales	CSV	Cron	Sep 25, 2020 2:35:16 PM	Sep 25, 2020 2:35:16 PM	Run Profile	Edit

You can view, delete, add new profiles or run any of them manually right from the grid.

To create a new profile, hit the **Add New Profile** button and follow a profile set up steps.

General Configuration

In the first tab, you can adjust the general information of the profile.

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Edit Profile

👤 demouser ▾

←
Back   Delete   Reset   Duplicate   Save and
Generate   Save and
Continue Edit   **Save**

PROFILE SET UP STEPS

General Configuration

Output Options

File Settings

Fields Configuration

Export Filters

Automatic Export

Alert Notifications

Export History

Profile Name *   Low Stock Products

Export Only New
Entities   ⬤ No ❓

Batch Size   500

☑ Use Default Value

Profile Name - specify the profile name for internal usage. This name will be displayed in the grid.

Export Only New Entities - enable this setting to skip the previously exported products. The option is useful in case you export the profile regularly and only recently created products are needed.

Batch Size - set the number of products that will be processed in one iteration. You may configure batch size for each profile separately or specify the value in general configuration settings and use this default value.

Output Options

Proceed to the configuration of output options.

Output Options

File Name - add the title for the export file.

Use {date|format} to customize filename. Example: Filename-{date|Y_m_d_h_i_s}. Here you may explore more options for date format.

Output File Encoding - choose the suitable type of export file encoding from the dropdown. UTF-8 is used by default.

Compress Export File With Gzip - enable the toggle to compress the file and save extra space on a server.

Export File Storage

Choose where to export the profile: on the internal or external server, send the exported file by email or API.

Export File Storage

Store Exported File On Server	⬤	No
Store Exported File on Google Drive	⬤	No
Store Exported File on Dropbox	⬤	No
Upload Exported File By FTP	⬤	No
Upload Exported File By SFTP	⬤	No
Send Exported File to E-mail	⬤	No
Send to Rest Api Endpoint	⬤	No

If **Store Exported File On Server** is enabled, provide *File Path* and *File Name on Server*. The file will be saved in Magento 'var' directory relative to the specified path.

If you want to **Upload Exported File By FTP / SFTP**, you will need to fill the following fields:

- Host
- User
- Password
- File Path
- File Name for FTP/SFTP.

For **FTP** you can also enable a *Passive Mode*.

In case you want to **Send Exported File to E-mail**, provide:

- Email Sender
- E-mail Recipients
- E-mail Message Subject
- Email Template.

If you are using **Send to Rest Api Endpoint**, provide:

- Rest Api Endpoint
- Auth (No Auth / Bearer / Basic)
- Method (POST / PUT)
- Content Type (JSON / XML).

Dropbox Configuration

To export to Dropbox, you will need to provide the access token. Follow the steps below to get the token.

1. Go to https://www.dropbox.com/developers and sign in.

2. Hit the **Create Apps** button.
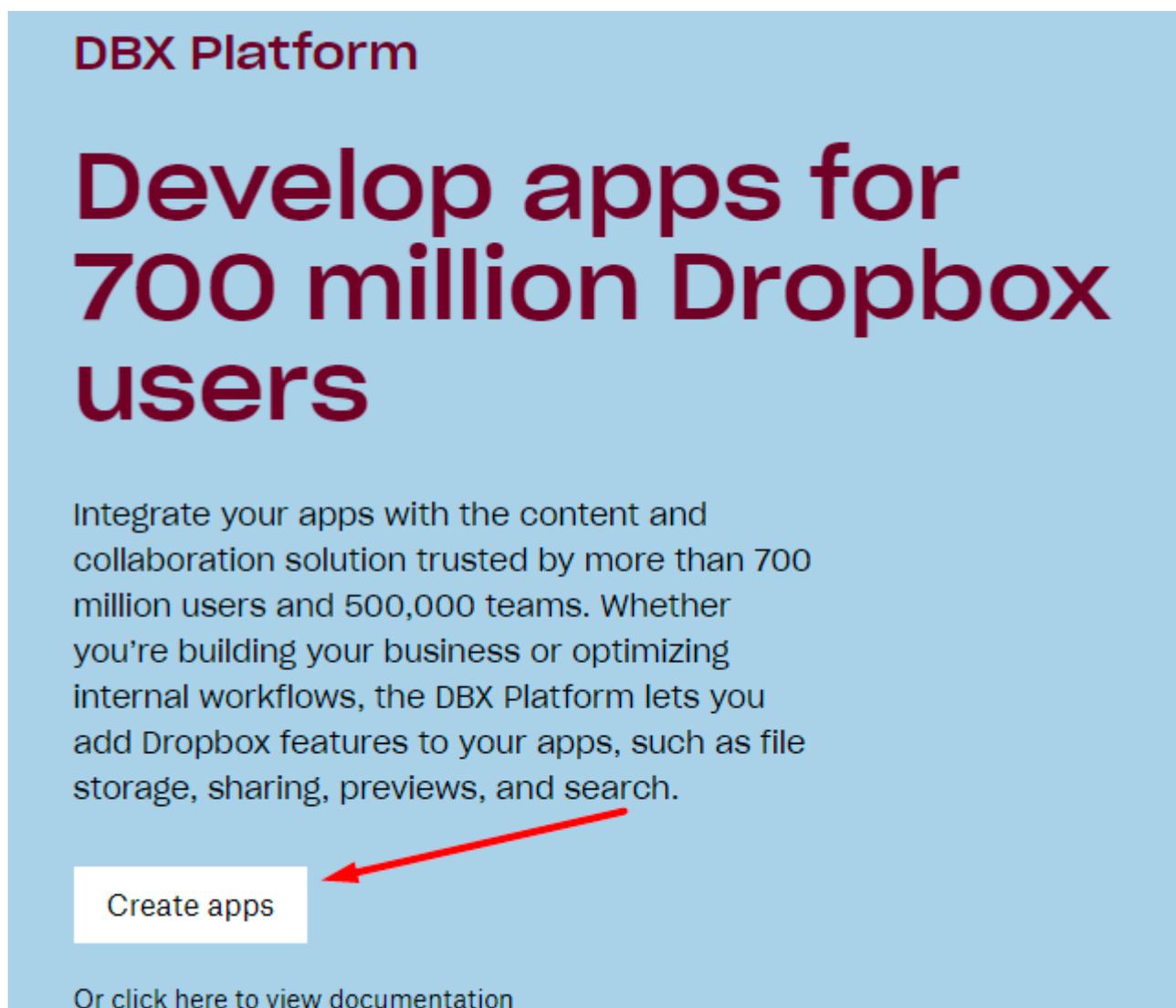
3. Choose an API, a type of access you need and specify the title for your folder.

Create a new app on the DBX Platform

1. Choose an API

Scoped access New
Select the level of access your app
needs to Dropbox data. Learn more

2. Choose the type of access you need

Learn more about access types

App folder – Access to a single folder created specifically for your app.

Full Dropbox – Access to all files and folders in a user's Dropbox.

3. Name your app

Import Products

☑ I agree to Dropbox API Terms and Conditions

Create app

Agree with the terms & conditions and click **Create App**. You will be automatically redirected to the folder configuration.

4. Proceed to the **Permissions** tab.

Import Products

| Settings | Permissions | Branding | Analytics |
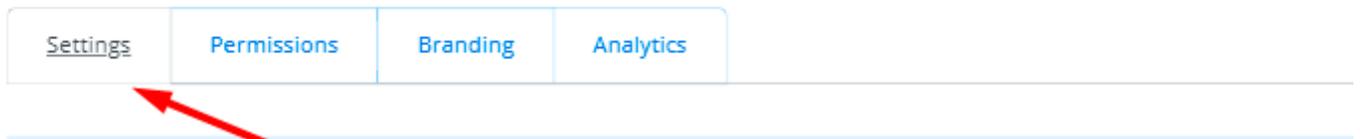
Individual Scopes   Individual scopes include the ability to view and manage a user's files and folders.
View Documentation

Account Info
Permissions that allow your app to view and manage Dropbox account info

☐ account_info.write   View and edit basic information about your Dropbox
                            account such as your profile photo

☑ account_info.read   View basic information about your Dropbox account
                            such as your username, email, and country

Files and folders
Permissions that allow your app to view and manage files and folders

☐ files.metadata.write   View and edit information about your Dropbox files
                            and folders

☐ files.metadata.read   View information about your Dropbox files and folders

☐ files.content.write   Edit content of your Dropbox files and folders

☐ files.content.read   View content of your Dropbox files and folders

Grant the permissions to write the files and click **Submit**.

5. Return to the **Settings** tab.

Import Products

6. Find the OAuth 2 section and hit the **Generate** button below the *Generated access token* field.

7. Copy the token and paste it into the **Generated Access Token** field.

Export File Storage

Store Exported File On Server	⬜ No
Store Exported File on Dropbox	🟢 Yes

Generated Access Token ✱

••

Please follow the instructions from the user guide to generate access token.

File Path

File will be added into the folder specified above. However, in case the specified folder does not exist a new folder will be created automatically.
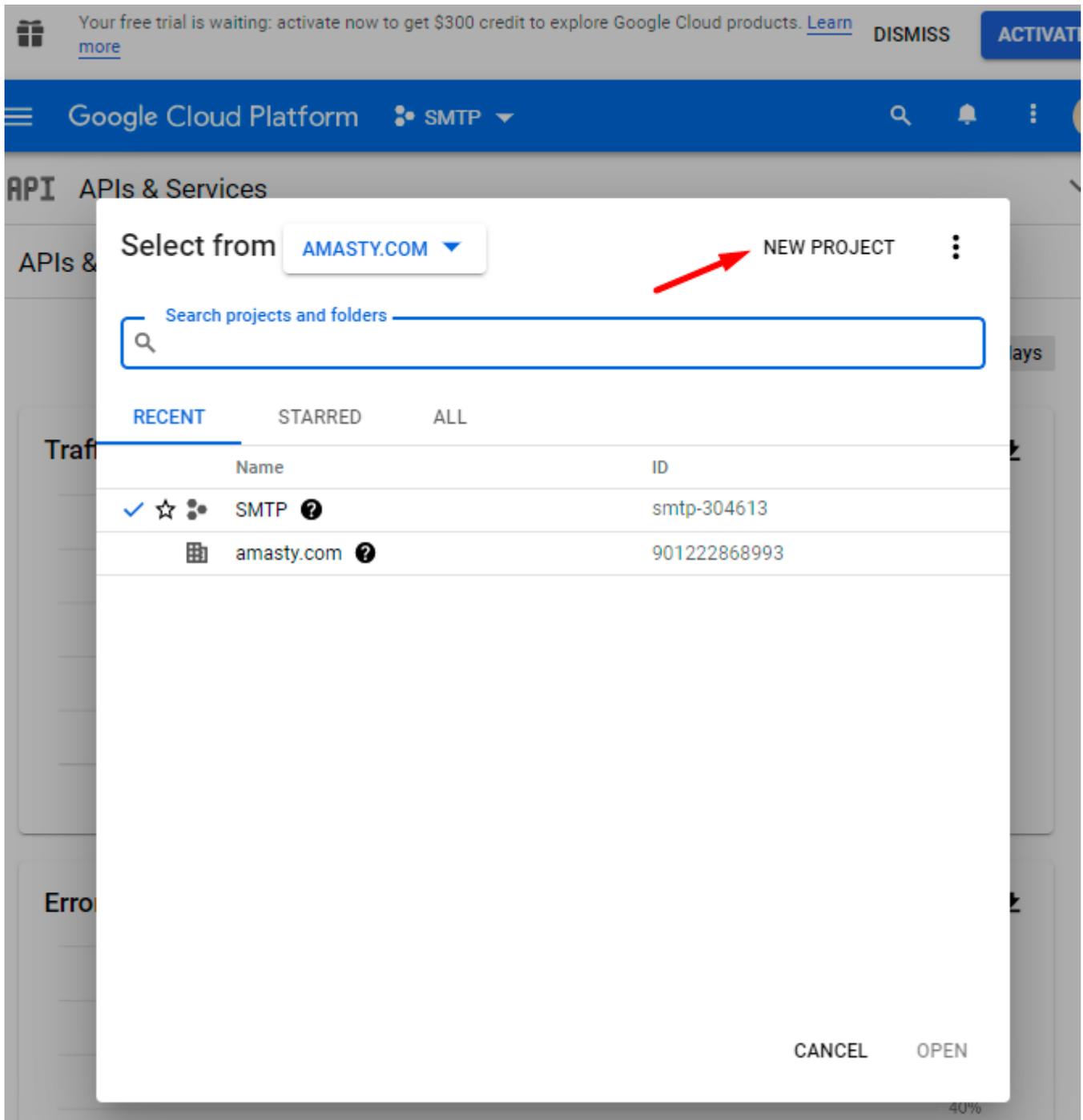
File Name for Dropbox

Use {{date|format}} to customize filename. Example: Filename-{{date|Y_m_d_h_i_s}}. Here you may find more options for date format.
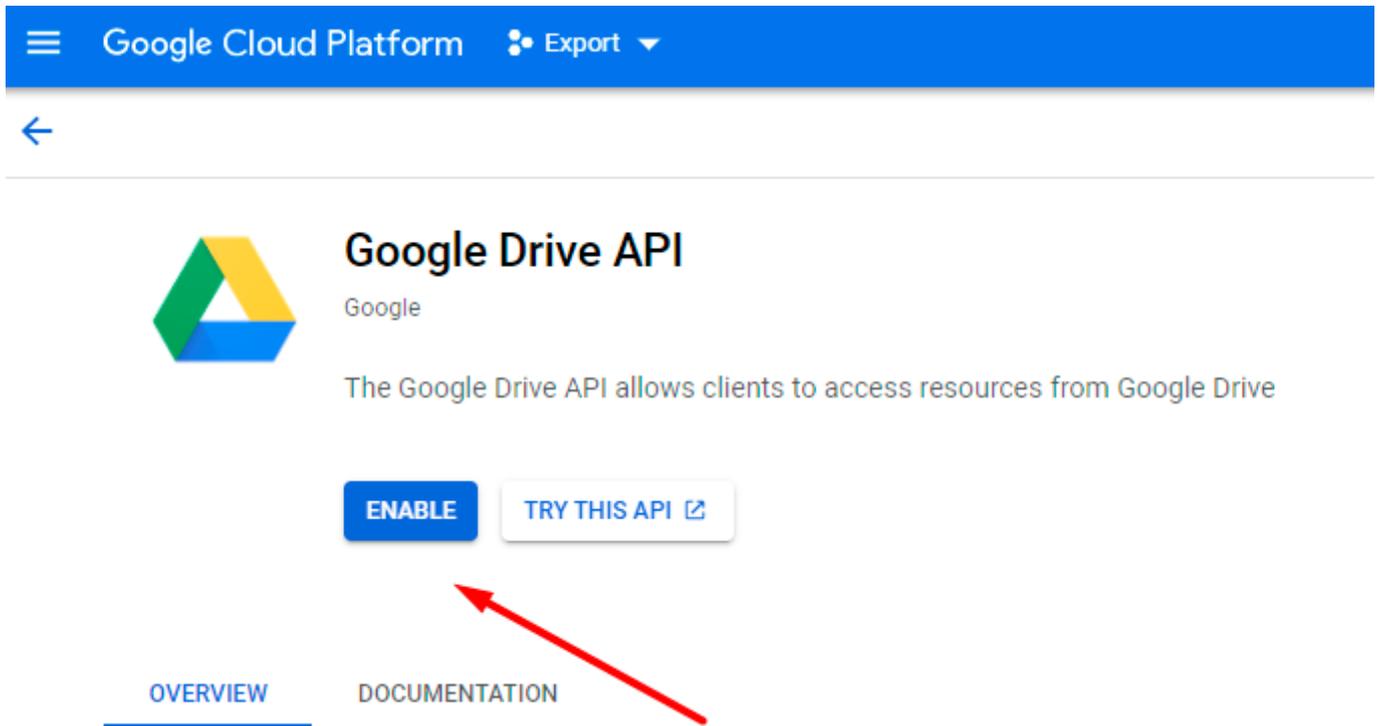
Google Drive Configuration

To set the integration with Google Drive, you need a specific API key. To get the key and configure this output option correctly, follow the steps below.

1. First of all, you need to install **Google APIs Client Library** on your Magento instance. Click here and install **composer require google/apiclient:"^2.0"**.

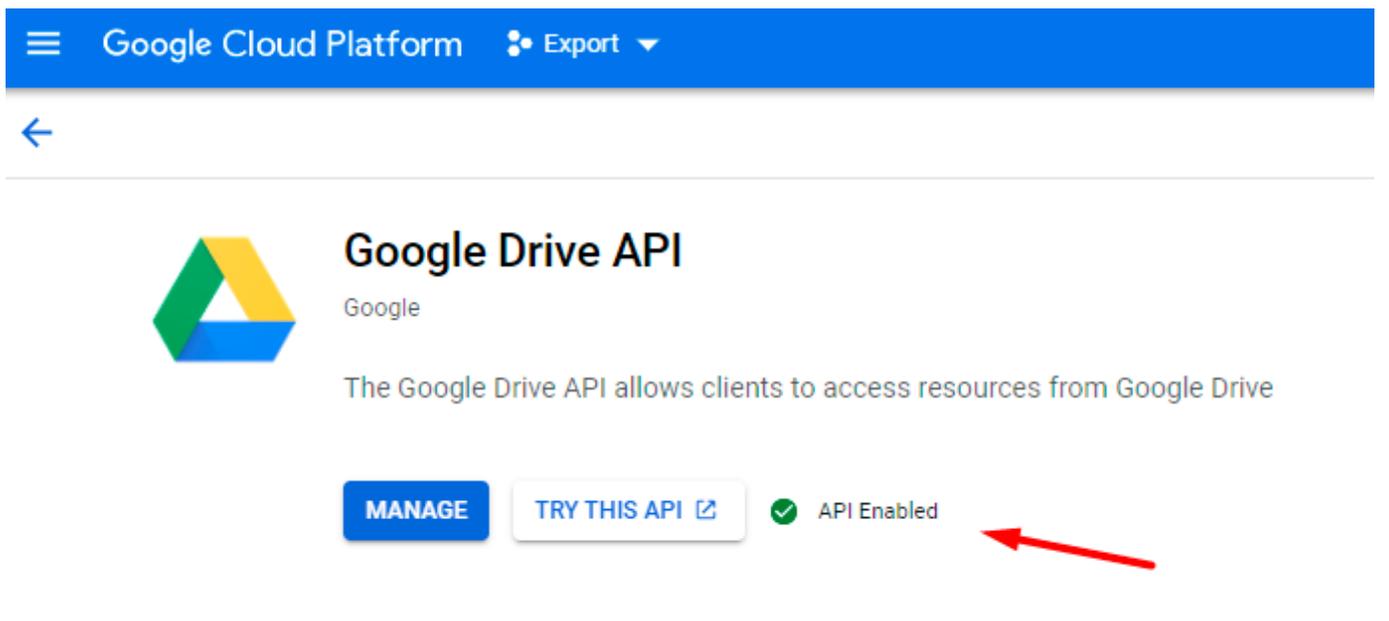2. Go here and choose a project or create a new one if necessary.

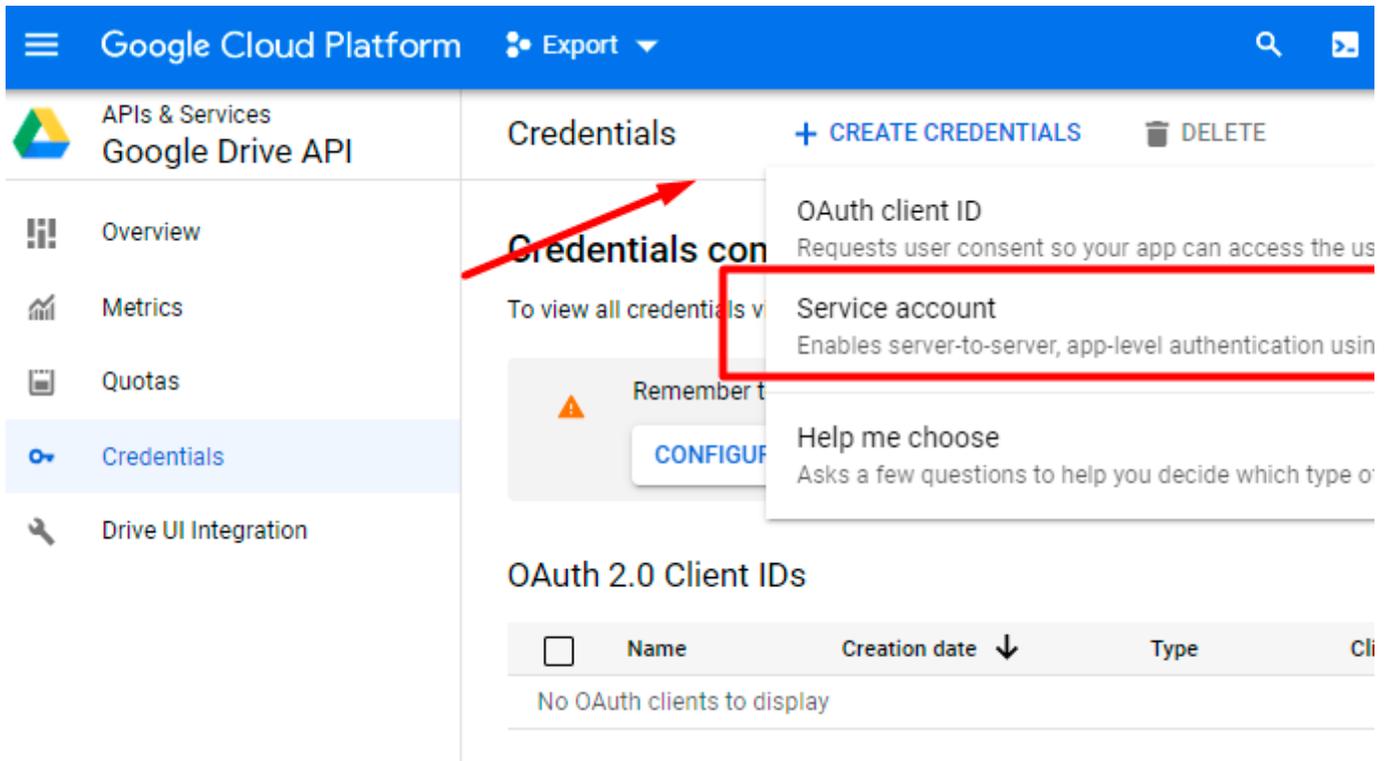3. When the required project is chosen, return to this page and enable Google Drive API.

4. If everything is correct, you will see the following status:

5. Click **Manage** and proceed to **APIs & Services → Credentials**. There click **Create Credentials →Service account**.

6. Provide **Service account details**. You can skip Step 2 and Step 3.

Click **Done**.

7. Navigate to the **Service accounts** tab and find the required service. Expand the *Actions* dropdown and hit the **Manage keys** option.

Service accounts ➕ **CREATE SERVICE ACCOUNT** 🗑 **DELETE** 👤 **MANAGE ACCESS**

Service accounts for project "Export"

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or system running outside Google. Learn more about service accounts.

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, k creation/upload, or the creation of service accounts entirely. Learn more about service account organization policies.

☰ Filter   Enter property name or value   ❓   ⫴

	Email	Status	Name ↑	Description	Key ID	Actions
☐	⌨ export-example@export-318409.iam.gserviceaccount.com	✅	export-example	export files from Ma	No	⋮

Manage details
Manage permissions
Manage keys
View metrics
View logs
Disable
Delete

8. Expand the **Add Key** dropdown and select **Create new key**.

9. Choose **JSON** file format and hit the **Create** button.

The file will be automatically generated and downloaded.

10. Proceed to the **Details** tab and copy the email.
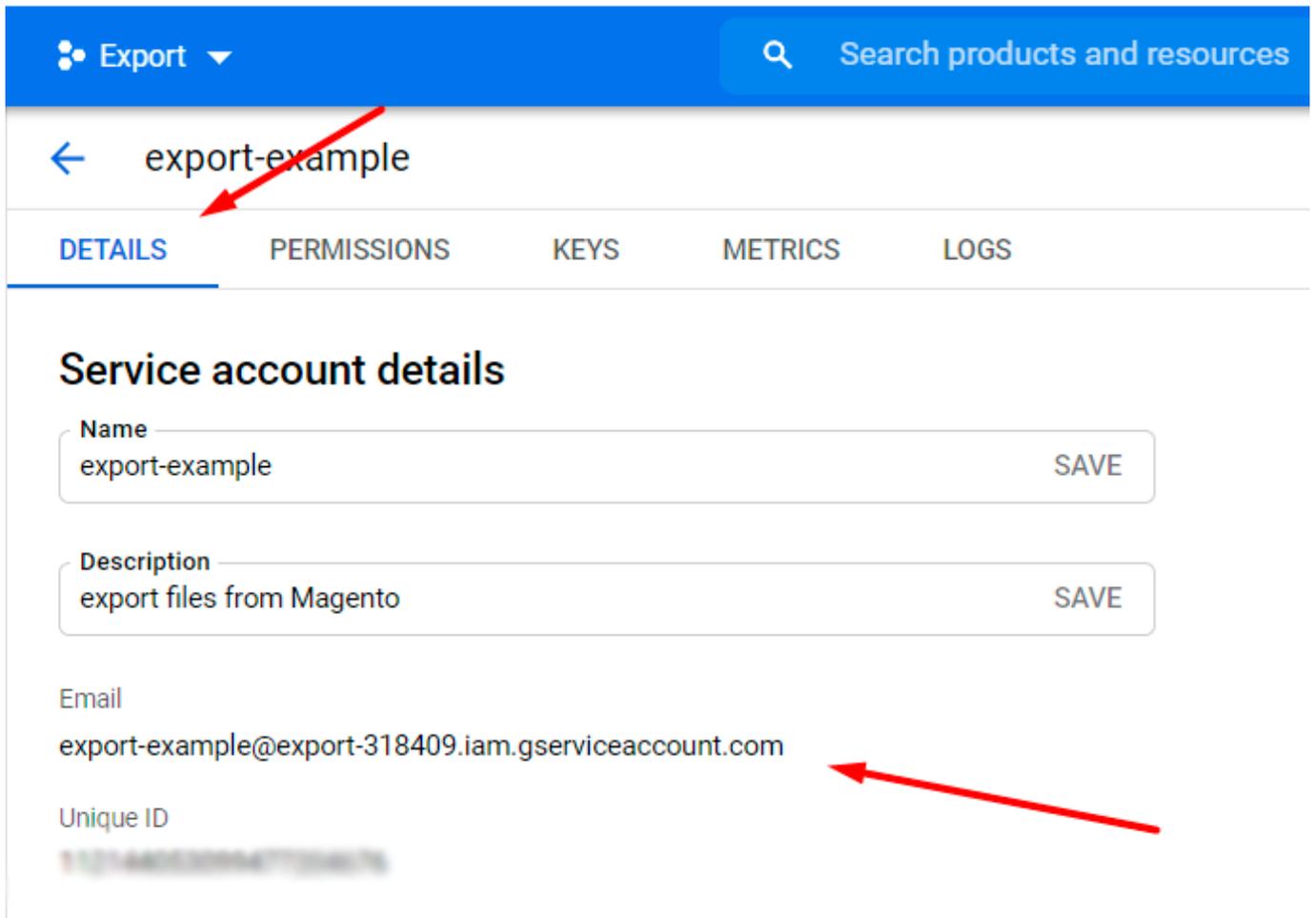
11. Go to My Drive. Create a folder to which export files will be output from Magento. Specify the title.
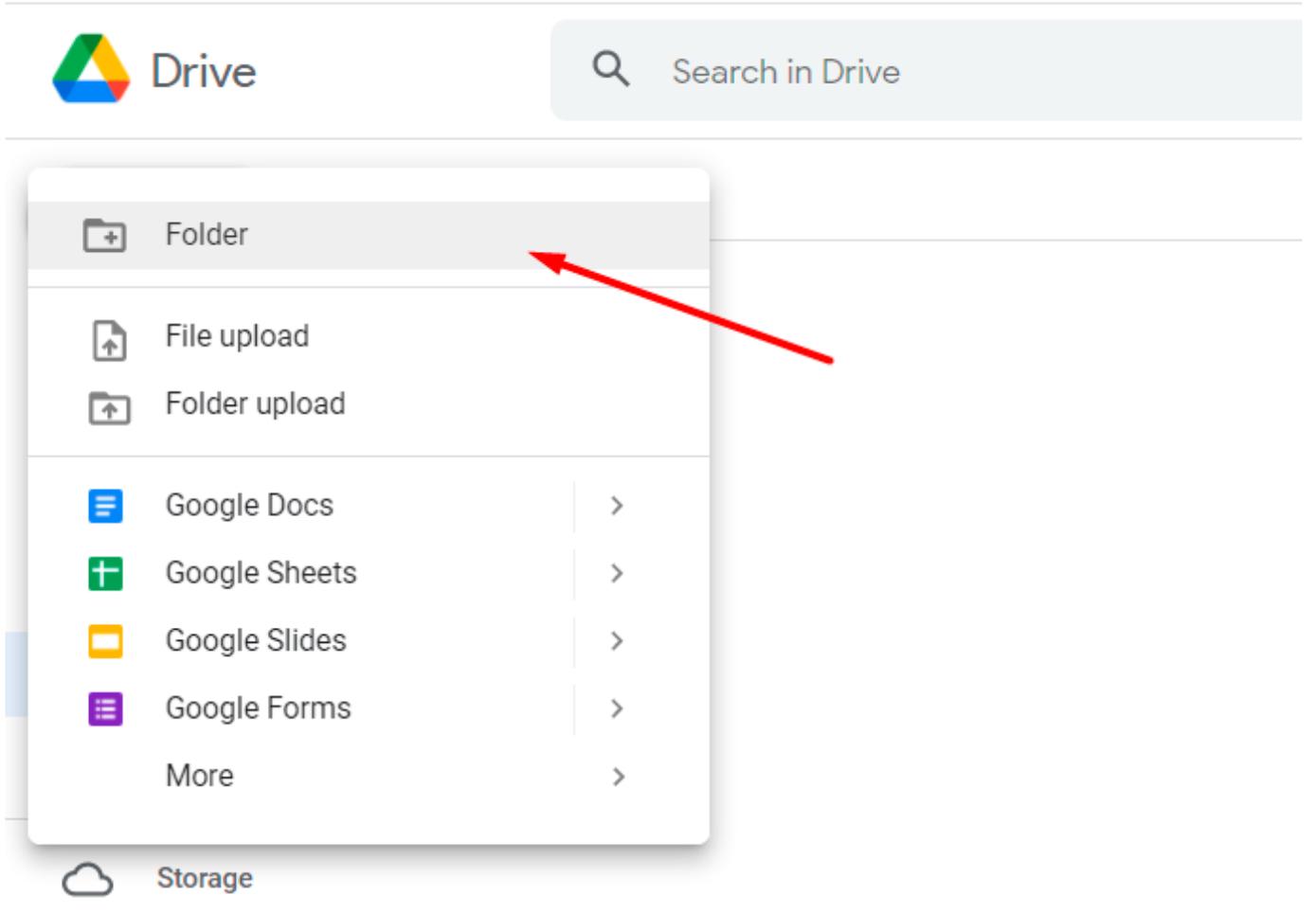
12. Now click **Share** and insert the email that you've copied. Click **Done**.
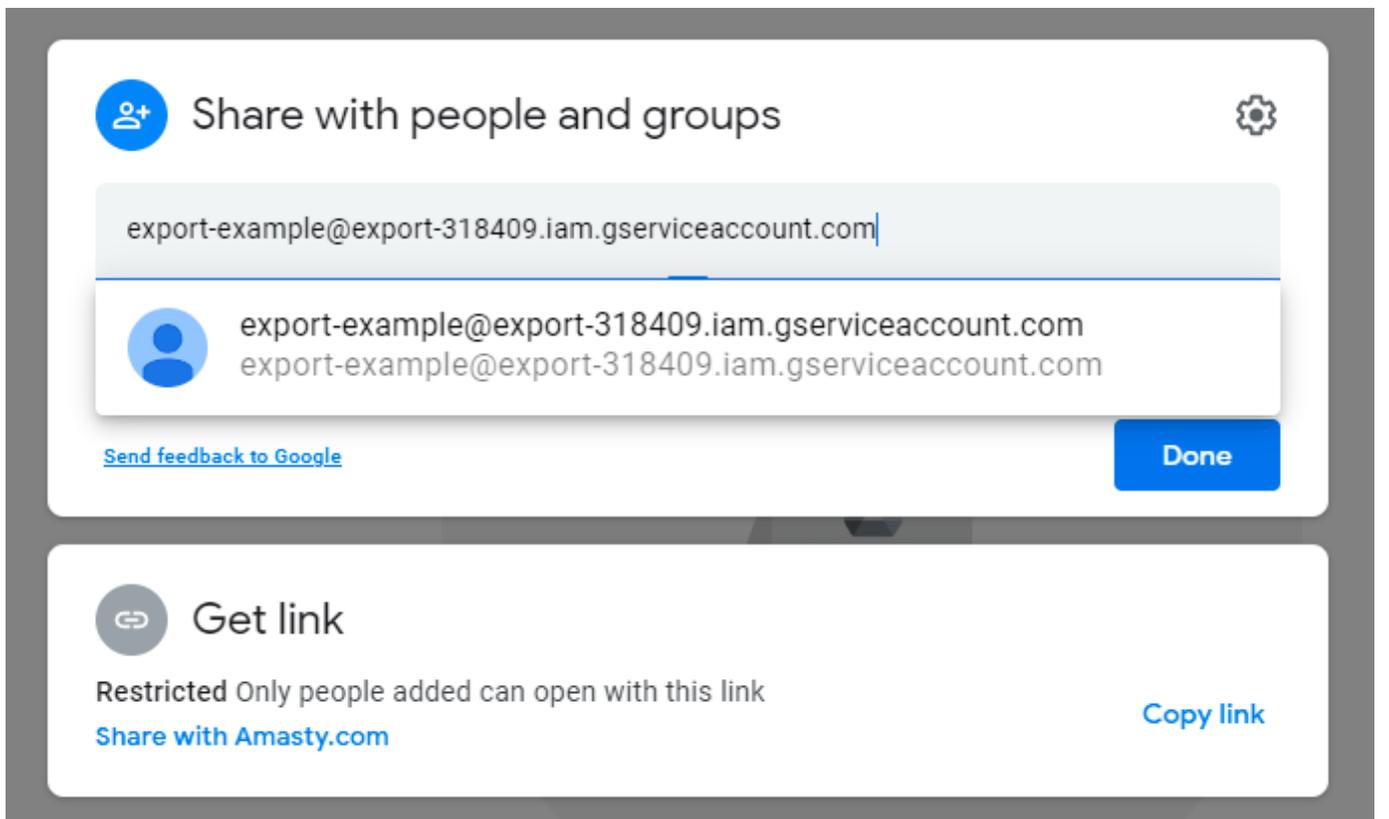
13. Return to the admin panel. Upload a JSON file, provide the path to the created folder and specify an export file naming with or without data format.

Store Exported File on Google Drive ⬤ Yes

Upload Service Account Key File * Select the File

🗑
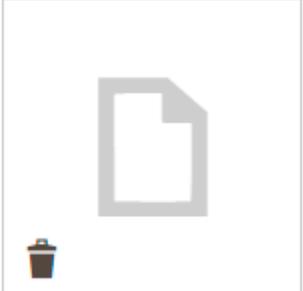
WAJ0JqkWlqCAB7mJy...

Please follow the instructions from the user guide to create a service account key.

File Path * /export-test

File will be added into the folder specified above.

File Name for Google Drive export-{{date|Y_m_d_h_i_s}}

Use {{date|format}} to customize filename. Example: Filename-{{date|Y_m_d_h_i_s}}. Here you may find more options for date format.

The configuration is ready. Run export profile and check the file in the Drive folder.

File Settings

Now you need to choose the required file type and configure its settings.

File Settings

File Type	CSV ▼
Add Header Row	🟢 Yes
Merge Rows into One	⚪ No ❓
	Data from multiple rows will be merged into one cell, if enabled.
Duplicate Parent Entity Data	🟢 Yes ❓
	Please use the setting while exporting one sequence of subentity, e.g. Order - Order Item - Product - Product Attribute, to avoid duplicating independent data.
Field Delimiter	,
	The character that delimits each field of the rows.
Field Enclosure Character	"
	The character that encloses each field of the rows.

The following formats are available:

- CSV
- XML
- ODS
- XLSX
- JSON
- Template

For **CSV, ODS** and **XLSX** formats you can:

Add Header Row - column titles will be displayed in this row.

Merge Rows into One - if this setting is enabled, the information from multiple rows will be merged into one cell. The character that delimits each field of the child rows is customizable. Check the GIF in a demo to see how it works.

Duplicate Parent Entity Data - if enabled, the values of the child entities will be duplicated from the parent one.

See how it works

If disabled, child values are empty:

entity_id	state	status	customer_id	sales_order_item.product_id	sales_order_item.product_type
3	complete	processing	1	2040	simple
				2041	simple

If enabled, the values are duplicated:

entity_id	state	status	customer_id	sales_order_item.product_id	sales_order_item.product_type	
3	complete	processing	1	2040	simple	\
3	complete	processing	1	2041	simple	\

Please, use the setting while exporting one sequence of subentity, e.g. *Order - Order Item - Product - Product Attribute*, to avoid duplicating independent data.

For a **CSV** file you can additionally set:

- Field Delimiter
- Field Enclosure Character

For an **XML** file you can customize:

- XML Item Tag
- Header
- Footer

XSLT Editor

The extension includes an XSLT editor so that you could output XML files with any custom formatting. Using this functionality, you can create custom templates for XML documents and add, remove, rearrange or sort elements in the file.

What is XSLT?

A lot of 3rd-party platforms you are integrating with use custom XML table formatting. Magento itself can't adapt such files automatically since each platform has its own requirements. XSLT (Extensible Stylesheet Language Transformations) helps to interpret the values from the Magento database and put them in an XML document. The editor helps to organize data in the file and make it acceptable for the platform you are exporting to.

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Find out how the XSLT works in this tutorial.

Before exporting a custom XML file, review the formatting requirements and find out how the attributes provided in the document are named and structured in Magento. Then, create an **Xsl Template** to match the values.

To simplify template creation, download this ready-made sample file:
xsl-template-for-export.zip

File Settings

File Type	XML
XML Item Tag	item
Header	<?xml version="1.0"?> <items>
Footer	</items>

Xsl Template

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <xsl:stylesheet version="1.0" xmlns:xsl="h
3      <xsl:output method="xml" version="1.0"
4      <xsl:template match="items">
5          <xsl:element name="offers" namespa
6              <xsl:attribute name="version">
7              <xsl:element name="group">
8                  <xsl:attribute name="name"
9                  <xsl:for-each select="item
10                     <xsl:element name="ite
11                         <xsl:attribute nam
12                         <xsl:attribute nam
13                         <xsl:attribute nam
14                         <xsl:attribute nam
15                         ...
16
```

For **JSON** specify:

- Header
- Footer

For **Template**:

Using the **Template** option, you can build a unqiue file suitable for specific needs. Thanks to the integrated Twig PHP template engine, you can create any template you want to:

File Type Template ▼

Template Example Template ▼

Header [

Content
```
 1  {# Comment: You should add order `increment_id`, `grand_t(
 2  Enable Order Item subentity and add `is_virtual` field. #
 3  {
 4      "caption": "Order #{{ item.increment_id }} costs {{ i
 5      "items_count": {{ item.sales_order_item|length }},
 6      {% set virtual_count = 0 %}
 7      {% for order_item in item.sales_order_item %}
 8          {% if order_item.is_virtual %}
 9              {% set virtual_count = virtual_count + 1  %}
10          {% endif %}
11      {% endfor %}
12      "virtual_items_count": {{ virtual_count }}
13  }
```

{{ item }} is root entity variable

Item Delimiter ,

Footer]

Extension json

See Twig documentation to learn more about the features and configuration.

Fields Configuration

In the following step, you can start building your product export file by choosing the data to export. The functionality has a tree structure. Thus, you can add any entity, any field within a particular entity, customize prefixes/tags/delimiters, and so on to match the requirements of the system you are exporting to.

See how the tree-structured file is built:

Add any of the available entities to your export file:

Fields Configuration

Here we have a tree structure with root entity and its subentities. Each subenity has its own fields to be added into the export file.

Product (root entity)   ⌃

Use Custom Entity Key   ⬤◯ No ❓

Entity Key Delimiter   [.] ❓

[Add Fields]

⌄ **Product Attribute**

⌄ **Product Attribute Set**

⌄ **Product Media Gallery**

⌄ **Product Media Gallery Value**

⌄ **Product Website**

⌄ **Product Custom Option**

⌄ **Related Product Link**

⌄ **Up-Sells Product Link**

⌄ **Cross-Sells Product Link**

⌄ Product Category

⌄ Product Category Relation

⌄ Customer Review

⌄ Configurable Product Super Attribute

⌄ Bundle Option

⌄ Grouped Product Link

⌄ Downloadable Product Link

⌄ Customer Group Price

⌄ Catalog Inventory Stock Item

⌄ Catalog Inventory Stock Status

⌄ MSI Inventory Source Item

⌄ Gift Card Amount

⌄ Wishlists

Step 1. Add root entities

First, you need to configure the basic product entity and select the fields that will be added to the file on the root level.

Fields Configuration

Here we have a tree structure with root entity and its subentities. Each subenity has its own fields to be added into the export file.

Product (root entity) ❓ ⌃

Use Custom Entity Key	🟢 Yes ❓	
Custom Entity Key	erp-export	❓
Entity Key Delimiter	.	❓

Add Fields   **Delete Table**

Click **Add Fields** button and choose the relevant data to add to the export file.

Add Product Fields ✕

Add Selected Fields

☐	Search	**Search**

☐ entity_id	Add
☐ attribute_set_id	Add
☐ type_id	Add
☑ sku	Add
☑ has_options	Add
☐ required_options	Add
☐ created_at	Add
☐ updated_at	Add
☐ row_id	Add
☐ created_in	Add
☐ updated_in	Add

You may also use a search window right in the popup to find the required fields faster. After selecting all needed fields, click **Add Selected Fields**.

When a field is added, you can customize a column title that will be displayed in the exported file. Moreover, use the **Add Static Filed** button to create columns that will remain unchanged in the file.

Product (root entity)

Use Custom Entity Key   🟢 Yes ❓

Custom Entity Key   `erp-export` ❓

Entity Key Delimiter   `/` ❓

[Add Fields]   [Delete Table]

Modifier	Field Name	Field Name in Export File	Action
⠿ [Add Modifier]	entity_id	entity	🗑

[Add Static Field]   [Add Merged Field]

By clicking the **Add Merged Field** button, you can create custom columns that combine data from multiple fields. Also, it's possible to customize the names of these columns and use symbols or words (such as 'and' or '/') to separate the data within them.

Field Name

`relevance`

Merged Fields

`{created_at}/ {updated_at}`

`updated_at` ▾

[Insert]   🗑

Please note that adding merged fields is available as a part of an active product subscription or support subscription.

Customize fields sorting within each entity using the **drag-and-drop** option.

For each file level, you can set custom tags, prefixes, and delimiters. See how it works:

catalog_product_entity_2020-09-08T10_00_43+00_00

entity_id	sku	catalog_product_attribute.name	catalog_product_attribute.price	catalog_product_attribute_set.attribute_set_id
111	MH04-L-White	Frankie Sweatshirt-L-White	60.000000	9
112	MH04-L-Yellow	Frankie Sweatshirt-L-Yellow	60.000000	9
113	MH04-XL-Green	Frankie Sweatshirt-XL-Green	60.000000	9
114	MH04-XL-White	Frankie Sweatshirt-XL-White	60.000000	9
115	MH04-XL-Yellow	Frankie Sweatshirt-XL-Yellow	60.000000	9
116	MH04	Frankie Sweatshirt	60.000000	9
117	MH05-XS-Green	Hollister Backyard Sweatshirt-XS-Green	52.000000	9
118	MH05-XS-Red	Hollister Backyard Sweatshirt-XS-Red	52.000000	9
119	MH05-XS-White	Hollister Backyard Sweatshirt-XS-White	52.000000	9

Step 2. Add subentities

Then you can scroll down the entity list and enable any of them you need for your export file.

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Product (root entity)

Use Custom Entity Key   ⬤ Yes ❓

Custom Entity Key   [erp-export   ] ❓

Entity Key Delimiter   [/   ] ❓

[Add Fields]   [Delete Table]

	Modifier	Field Name	Field Name in Export File	Action
⣿	[Add Modifier]	entity_id	entity	🗑

[Add Static Field]   [Add Merged Field]

⌄ **Product Attribute** ✏

Enabled   ⬤ No

⌄ **Product Attribute Set**

Enabled   ⬤ No

Just click the **Enabled** toggle and **Add Fileds** button. As it was shown above, a popup will appear and you will be able to add all the needed fields concerning a particular entity. For example, for the **Product Attribute** entity, you may add product name, sku, description, status, etc.

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The same can be done for the entities with a lower level.

Also, the extension support MSI functionality. You can find the required fields on the **Inventory Source Item** level.

⌃ Inventory Source ✎

Enabled ⬤ Yes

Custom Entity Key [inventory_source] ❓

[Add Fields]

⌄ Inventory Source Item

⌄ Inventory Stock ✎

⌄ Inventory Source Carrier Link

⌄ Inventory Source Stock Link

This way, you can build a unique profile, suitable for a particular system. Check the requirements from a system (as, for example, an ERP system or Marketplace platform needs different product data) and match the details.

Modify Values in Export Files

Now you can use modifiers to change the values in the export file. For example, you can change the date format, add any text and apply various mathematical actions to prices (e.g. rounding, multiplication, etc.).

Modifiers are added right during the fields configuration.

Hit the **Add Modifier** button and choose the required action in a dropdown.

Types of modifiers you can use:

- **Text Modifiers:** Adjust the text of the text values by appending, prepending, capitalizing, etc.
- **Numeric Modifiers:** Use for number modifications, e.g. rounding prices.
- **Date Modifiers:** Specify a suitable date format and timezone.
- **Custom Modifiers:** Replace the output of one field with the value of another.

Text Modifiers

Append - Adds the text after the value in the column. The text is specified in an additional field that appears when this modifier is selected.

Prepend - Adds text before the value in the column. The text is specified in an additional field that appears when this modifier is selected.

Capitalize - After selecting this modifier, the value in the column is capitalized.

Lower Case - After selecting this modifier, the whole word is written in lowercase.

Upper Case - After selecting this modifier, the entire word in a value field is capitalized.

Capitalize Each Word - After selecting this modifier, each word starts with a capital letter.

Strip Html Tags - Modifier removes all HTML tags from the string (the modifier is useful when exporting meta titles, descriptions, etc.).

Replace - After choosing this modifier, 2 fields appear: in the first one we indicate the word that needs to be replaced, and in the second one - the word to be replaced with.

Full Match Replace modifier functions similarly to the **Replace** modifier. However, it only replaces the value from the first field (**From**) with the value from the second field (**To**) when the value from the first field is fully matched.

*For example, if you specifically need to replace only '2' with '3', it's better to choose the **Full Match Replace** modifier. This is because if you opt for the **Replace** modifier instead, specifying **From**: '2' and **To**: '3', it might result in '122' being replaced with '133' due to the presence of '2'.*

Replace First - the same as Replace, but for the first case only.

Replace Text Wrapping - After selecting this modifier, the wrapping of multiline text is replaced with space by default. You can remove the space in the dependent field and enter another character you'd like to replace the wrapping of multiline text with.

Default value - When this modifier is selected, indicate the value that is added to the corresponding column by default (there is already a `defaultValue`).

Trim - This modifier removes spaces from the beginning and the end of the string (there is already a `trim`).

Numeric Modifiers

Price - Modifier adds currency to the value in the column.

Absolute Value - Modifier changes the negative value in the column to positive. Example: was **-5** → now is **5**.

Round To - When this modifier is selected, an additional field appears, in which we indicate the number of decimal places to which we round the number in the column. Example: **33.75** → enter 1 → get **33.8**.

Plus - When this modifier is selected, indicate the number that is added to the number in the column.

Minus - Indicate the number that is subtracted from the number in the column.

Multiplied By - Specify the number that is multiplied by the number in the column.

Divided By - Provide the number by which the number in the column is divided.

Modulo - Indicate the number by which the number in the column is divided, and when division occurs, we get the remainder of the division in the export file. Example: we have **10**, entered the number 3, received **1** in the file.

Truncate - Modifier removes decimal numbers without rounding. For example: **33.75** → Truncate → **33**.

Ceil - Modifier allows you to round a number up to the nearest whole number.

Floor - Modifier allows you to round a number down to the nearest whole number.

Date Modifiers

Date Format - Specify the date format that is applied to the date in the file.

Apply Timezone - Choose the modifier for a timezone in UTC format.

Custom Modifiers

Custom modifiers replace the output of the value of one field with the value of another. For example:

- *Value to Label*: instead of *value*, the *label* will be displayed. Use case: with the *Value to Label* modifier, you can display a color label (like Black, Blue, etc.) instead of a color code;
- *Set Id to Set Name*: instead of *id*, the *name* will be displayed;
- *Attribute Set Name to Set ID* modifier allows to export an attribute set by specifying its *name* instead of *id* (this modifier is available only for the attribute_set_id field);
- *Product ID to Product SKU* modifier enables the use of product *IDs* instead of product *SKUs* in subentities where there is no Product ID field;
- *Product ID To Product SKU* modifier enables the use of product *IDs* instead of product *SKUs* for the 'parent_id' field of the Configurable Product Super Attribute Link subentity.

Export Filters

In the next tab, you can apply filtering to specify which products should be exported. The values of all entities and fields you've added to the file in a previous step are available for filtering. For example, you may add the products at a particular price or the products of a particular type.

Export Filters

Product ✏

Add Filter

Field For Filtering	Filter Condition	Filter After Modifier Applied ❓	Value
attribute_set_id ▾	is ▾	⬤ No	Default / Top / Bottom / Gear / Sprite Stasis Ball 🗑

Expand the necessary entity, click **Add Filter**, and specify the value you need to export.

⌃ Product Attribute ✏

Exclude Parent Entity Row If No Results Found   ⬤ Yes ❓

Enable the setting to exclude parent entity row from the export file if the child entity doesn't have filter results relative to the parent entity.

Add Filter

Field For Filtering	Filter Condition	Filter After Modifier Applied ❓	Value
price ▾	greater than ▾	⬤ No	10 🗑

Additionally, you can use specific filters for the *Date* parameter, e.g. export products created in the

last X days or weeks.

Filter After Modifier Applied - check this toggle to filter data only after apllying particular modifier. For example, you can modify the timezone and apply date filter to the 'created_at' field after the modification.

You can also **Exclude Parent Entity Row If No Results Found**. It means that the parent entity row will be excluded from the export file if the child entity doesn't have filter results relative to the parent entity.

Have a look how it works:

catalog_product_entity_sample

entity_id	sku	attribute_set_id	catalog_product_attribute.color	catalog_product_attribute.size	catalog_product_attribute.name
111	MH04-L-White	9	White	L	Frankie Sweatshirt-L-White
112	MH04-L-Yellow	9	Yellow	L	Frankie Sweatshirt-L-Yellow
113	MH04-XL-Green	9	Green	XL	Frankie Sweatshirt-XL-Green
114	MH04-XL-White	9	White	XL	Frankie Sweatshirt-XL-White
115	MH04-XL-Yellow	9	Yellow	XL	Frankie Sweatshirt-XL-Yellow
116	MH04	9			Frankie Sweatshirt
117	MH05-XS-Green	9	Green	XS	Hollister Backyard Sweatshirt-XS-Green
118	MH05-XS-Red	9	Red	XS	Hollister Backyard Sweatshirt-XS-Red
119	MH05-XS-White	9	White	XS	Hollister Backyard Sweatshirt-XS-White

Automatic Export

Configure the frequency to run the profile. 2 modes to run a profile are available:

- by Cron
- by Event

Automatic Export

Run Profile by Cron   ◉ Yes ❓

Frequency   [Every Monday at 4 am   ▾]

Schedule   [0]   [4]   [*]   [*]   [1]   ❓

        Minutes   Hours   Days   Month   Days Of Week

Run Profile by Event   ◉ Yes ❓

Export Event   [Product Save (Event: catalog_product_save_after)]

The appropriately selected event(s) here will initiate the export directly

For exporting **by cron**, you can set one of the ready-made schedules or create a custom one.

For exporting **by event**, choose the event that will trigger a profile export. For now, only the export event **Product Save** is available.

Alert Notifications

Using this tab, you can enable email notifications about errors for a particular profile.

Email Alert for Export Error

Enable Email Alert ○ Yes ?

Email Sender
[global]
General Contact ▼

Email Recipients
[global]
store_admin@example.com ×
dropship_admin@example.com ×

Email Template
[global]
Amasty Export Products: Export failed ▼

Enable Email Alert - set to *Yes* to notify the recipients about failed exports.

Email Sender - choose the contact that will send automatic emails.

Email Recipients - set to whom the emails will be sent.

Email Template - select the template for failure notifications.

Profile Export History

You can track the dynamics of each specific export profile right in its settings, in the **Export History** tab. Check the statuses, dates, logs, and the exported number of products. Download a file if necessary.

Export History

General Export History

You may also check the logs for all exported profiles in one place. Navigate to **System → Amasty Export → Export History**. See the statuses and check details to get a full picture.

Export History

👤 demouser ▾

Clear History

▼ Filters   👁 Default View ▾   ⚙ Columns ▾

| Actions ▾ | 15 records found | | | | 20 ▾ | per page | < | 1 | of 1 | > |

	History ID ↓	Profile ID	Profile Name	Exported At	Status	Log	Records Proceed/Total	Exported File
☐	2	1	Daily Sales Report	Sep 23, 2020 9:39:36 AM	SUCCESS	Show Log	1/1	Download
☐	4	1	Daily Sales Report	Sep 23, 2020 9:46:33 AM	SUCCESS	Show Log	1/1	Download
☐	16	2	Low Stock Products	Sep 23, 2020 12:24:15 PM	SUCCESS	Show Log	3/3	Download
☐	18	3	Marketplace	Sep 23, 2020 12:28:37 PM	SUCCESS	Show Log	3/3	Download
☐	22	2	Marketplace	Sep 23, 2020 1:35:50 PM	SUCCESS	Show Log	3/3	Download
☐	25	4	ERP Connector	Sep 24, 2020 11:30:42 AM	SUCCESS	Show Log	2012/2012	Download
☐	26	4	ERP Connector	Sep 24, 2020 11:34:18 AM	FAILED	Show Log	0/0	

REST API and CLI requests

It is possible to run import and export profiles using the REST API and CLI.

REST API:

- "/V1/am_import_export/get_profile_runners/" method="GET" - to get available profile runners
- "/V1/am_import_export/run_profile/" method="POST" - to run a profile
- "/V1/am_import_export/check_profile_status/" method="POST"- to check profile status

CLI:

- php bin/magento am-import-export:show-profile-runners-list
- php bin/magento am-import-export:run-profile product_import_profile 1
- php bin/magento am-import-export:check-profile-status product_import_profile %identity_from_run_command%

3rd Party Connections

With the extension, you can link the data generated by 3rd party extensions to the export functionality. All created connections are displayed in the **System → Export Products → 3rd Party Connections** tab.

Click the **Add New Connection** button to create a new connection.

Edit 3rd Party Link

← **Back**   **Delete**   **Reset**   **Save and Continue Edit**   **Save**

Field Mapping

Name	*	Wishlists
Table to Join	*	pref_wishlist_item
Parent Entity	*	Product
Referenced Table Key	*	product_id
Base Table Key	*	entity_id

Name - specify the connection title for internal usage.

Table to Join - indicate a table name that needs to be joined.

Parent Entity - choose the entity table to which the foreign table will be joined.

Referenced Table Key - the field from the foreign table, by which the table chosen in 'Table to join' will be joined to the parent entity table.

Base Table Key - specify the field from the parent entity table which will be used for joining with the foreign table.

Save the changes. Now you can add this entity to the export file.

Amasty Export: Quick & Simple

This extension also helps to perform one-time operations as it has a simplified UI. If you have only Export Products extension, you will be able to export any product and inventory entity, but if you have other export extensions by Amasty, you will easily export any available entity in one place.

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Go to **System → Amasty Export → Export** and select the entity to export.
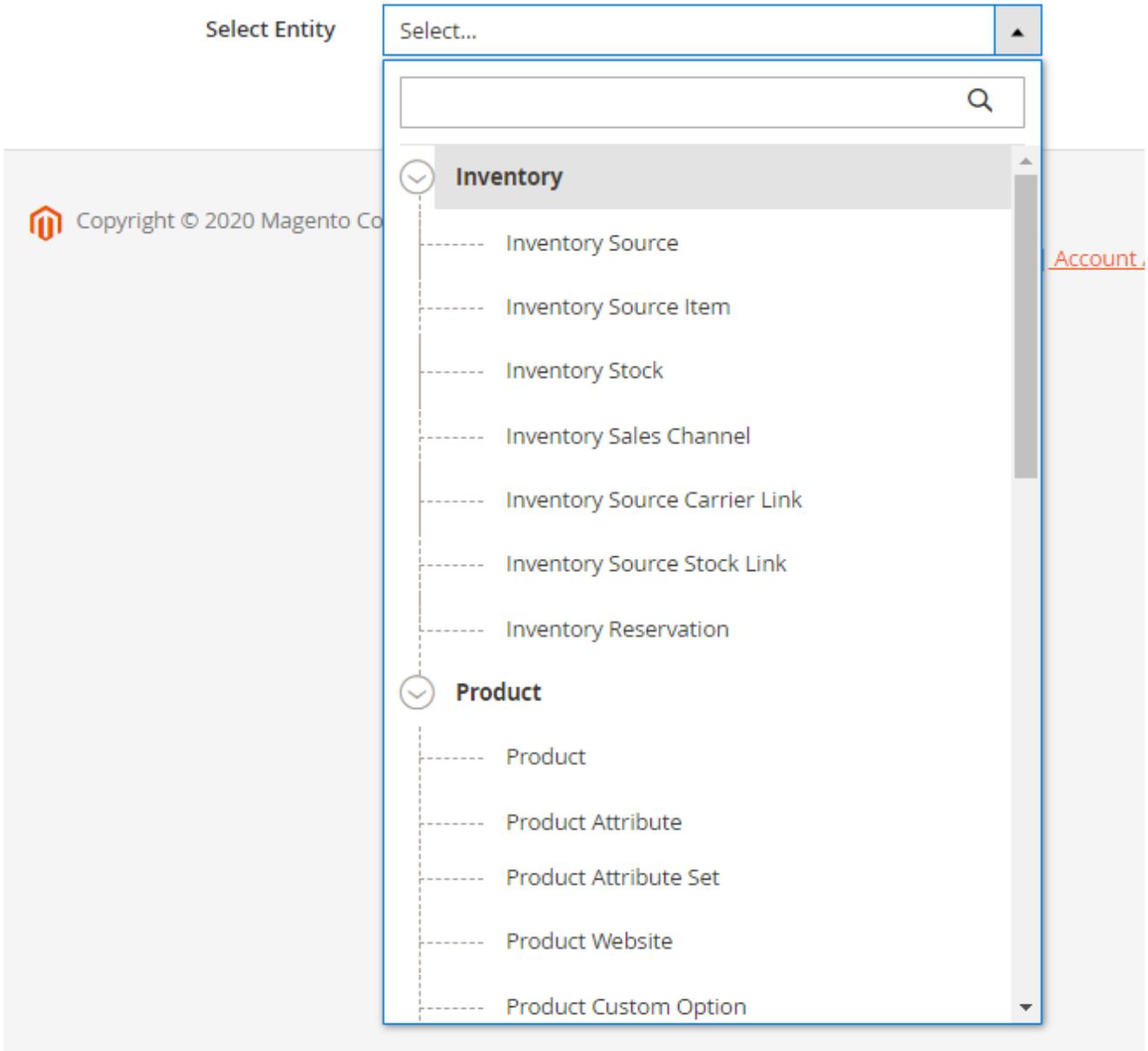
As soon as you choose the entity, you will be able to configure export details, such as format, title, included fields, etc. Explore the configuration details for each tab in the Export Profile Configuration sections.

General Settings

To configure the general options for Amasty Export, go to **Stores → Configuration → Amasty Extensions → Export**.

Multi-Process Export

Enable Multi-Process Export [global]	Yes
Number of Parallel Processes [global]	4

Enable Multi-Process Export - set to *Yes* to speed up the export.

The 'Multi-Process Export' feature requires the **PHP extension 'pcntl'** to be installed on the server. If you enable the feature and no performance boost happens, please ask your hoster/system administrator to check if the 'pcntl' extension is installed.

Number of Parallel Processes - specify the number of processes according to your server capabilities. The more parallel processes are set, the faster the export process goes, but the higher the server loads.

Advanced

Enable Debug Mode [global]	Yes
	Enabling this setting will allow detecting errors and display detailed information about them including server errors. Also useful error information can be found in var/log/amasty_export_debug.log.
Process Status Check Mode [global]	System Process ID
	System Process ID
	Statuses
Enable Export without Memory Limit [global]	Yes
	Enable this setting if export process terminates because of the memory limit exceed.

Enable Debug Mode - set to *Yes* to allow the system to detect errors and display detailed information about them in the popup (including server errors). Also, error information can be found in

var/log/amasty_import_debug.log.

Process Status Check Mode - select the **Statuses** option if you are using a multi-node environment (this helps prevent possible errors). If you are not using a multi-node environment, please leave the **System Process ID** option selected.

Enable Export without Memory Limit - enable the setting if the export process terminates because the memory limit exceeds to allow using all available memory volume for the export process.

System Settings

CLI PHP Path
[global]
/usr/local/bin/php
Current CLI PHP path of your Magento which is used by our extension when running the commands directly during the processing of PHP requests. To change it, please run bin/magento config:set amasty_base/system/cli_php_path %CLI_PHP_PATH% from the command line.

CLI PHP Path - using this option, you can check the Magento path which is used by our extension when running the commands directly during the processing of PHP requests. To change it, please run the following command:

```
bin/magento config:set amasty_base/system/cli_php_path %CLI_PHP_PATH%
```

If you run a command and a new path is not displayed in this setting, please recheck the path you've specified. In case the path is incorrect, the changes won't be applied to the admin panel and you'll see the default path.
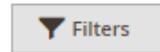
Amasty Export Pro: Cron Jobs

The extension also includes Amasty Export Pro features: you can create regular cron jobs to export any available entity.

Navigate to **System → Amasty Export → Cron Jobs**.

Export Cron Jobs

demouser ▾

New Export Job

▼ Filters   👁 Default View ▾   ⚙ Columns ▾

| Actions ▾ | 5 records found | | 20 ▾ | per page | < | 1 | of 1 | > |

☑▾	ID ↓	Job Title	Status	Entity Type	Action
☐	1	catalog-product-export	ENABLED	Product	Edit
☐	2	custom-options	ENABLED	Product Custom Option	Edit
☐	3	crosssell-links	DISABLED	Cross-Sells Product Link	Edit
☐	4	product-reviews	ENABLED	Customer Review	Edit
☐	5	Google Product Review	DISABLED	Customer Review	Edit

The more installed **Amasty Export extensions** you have, the more entities you can export by cron.

To add a new cron job, click **New Export Job**.

New Export Job

👤 demouser ▾

← Back   Save and Continue Edit   **Save Job**

Export Settings

Select Entity * `catalog_product_entity`

Cron Job Title * `catalog-product-export`

Enabled 🟢 Yes ❓

Frequency `Every 1st Day of Month at 4am ▾`

Schedule
| 0 | 4 | 1 | * | * | ❓ |
| Minutes | Hours | Days | Month | Days Of Week | |

Export Template

File Name

Additional Actions

Export File

Fields Configuration

Specify the cron job title for internal use and set the schedule for exporting. The file configuration algorithm is the same as described in the Export Profile section.

Google Product Review templates

Please note that the Google Product Review and Advanced Product Review templates are available only as a part of an active product subscription or support subscription.

The ready-made **Google Product Review** cron job template is designed and configured for exporting

product reviews to the feed (XML file type) suitable for Google. However, you can customize this cron job according to your needs: specify the export file name, set the schedule, choose the storage, etc.

This extension is compatible with Amasty Advanced Product Reviews. When both extensions are installed, the **Advanced Product Review** template with additional fields also becomes accessible on the Export Cron Jobs grid.

To restore the default templates in case they were modified or deleted, follow these steps:

1. Execute the command in the database

- for the Google Product Review template:

```
DELETE FROM patch_list WHERE patch_list.patch_name =
'Amasty\ProductReviewExport\Setup\Patch\Data\ExportReviewProfile'
```

- for the Advanced Product Review template:

```
 DELETE FROM patch_list WHERE patch_list.patch_name =
'Amasty\ProductAdvancedReviewExport\Setup\Patch\Data\ExportAdvancedReviewPro
file'
```

2. Execute the command in the console

```
php bin/magento setup:upgrade
```

Additional packages (provided in composer suggestions)

To make additional functionality available, please install the suggested packages you may need.

Available as a part of an active product **subscription** or support subscription:

- **amasty/module-export-merged-fields** - This package provides the possibility of merging several export field values into one field.

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- **amasty/module-product-review-export** - This package provides the option to utilize the 'Google Product Review' template placed on the Export Cron Jobs grid.

- **amasty/module-product-advanced-review-export** - This package provides the option to utilize the 'Advanced Product Review' template placed on the Export Cron Jobs grid (if you have the Amasty Advanced Product Reviews extension also installed).

Find out how to install the **Export Products** extension for Magento 2 via Composer.

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