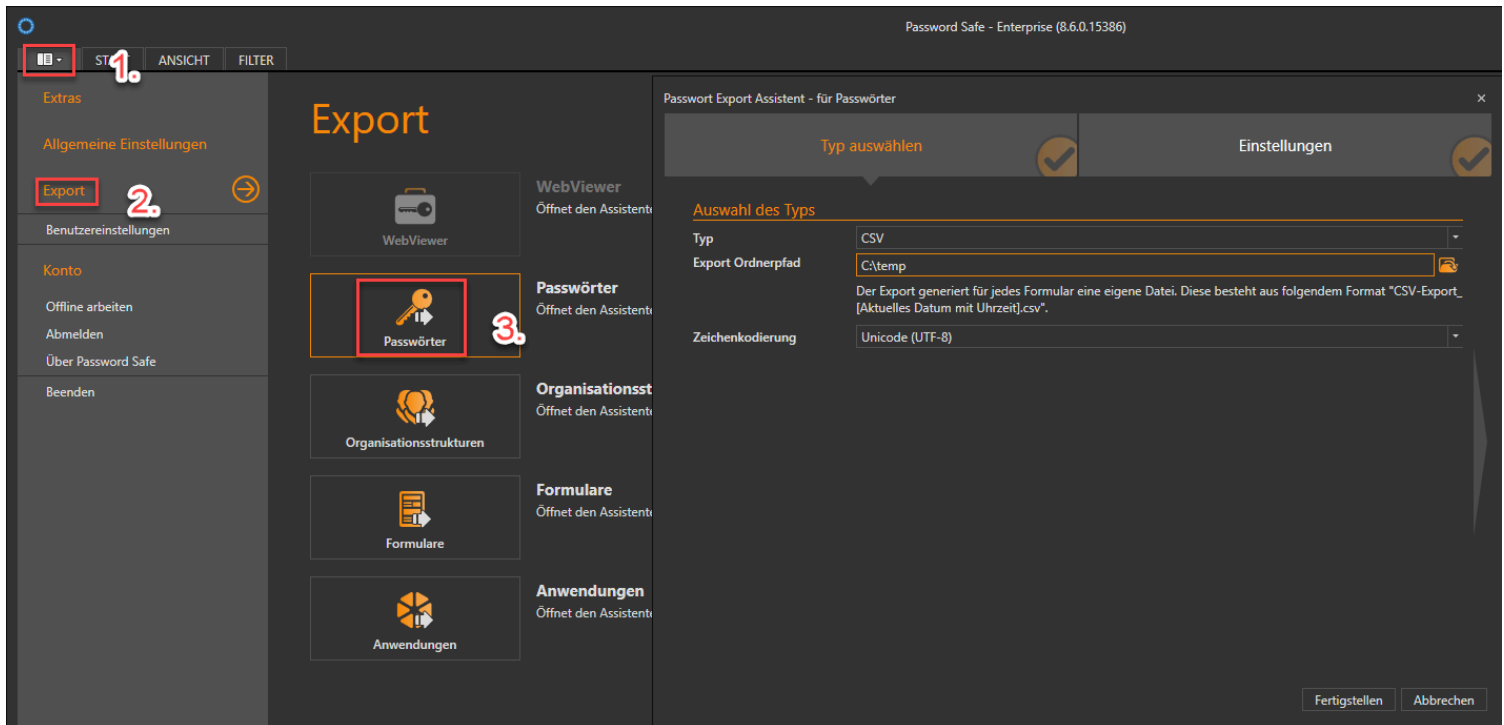# Import Data from Password Safe

Import Data from Password Safe

Use this article for help exporting data from Password Safe and importing into Bitwarden. Password Safe (V8) currently only supports exporting as `.csv` file. Older versions are also supported `.xml`.

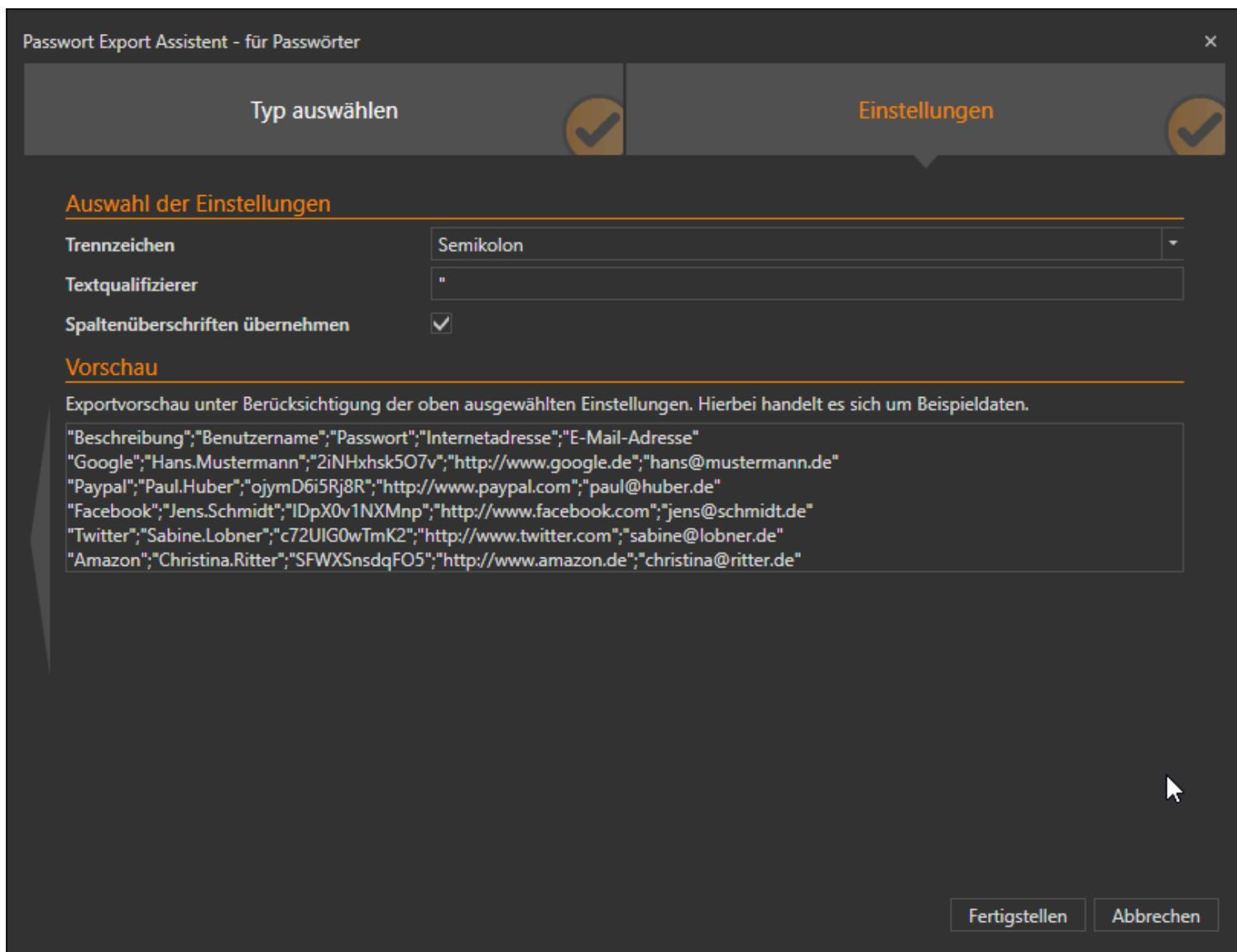## Export from Password Safe

To export data from the Password Safe desktop app:

1. Open Password Safe 8 and open the **Extras** menu from the upper left corner.

2. Locate the **Export** option on the left-hand side and then choose **Passwords**.

3. For the type please select CSV and enter a path to save the exported file. Leave the encoding at UTF-8.

Export from Desktop App

4. Click on the big gray arrow on the right to proceed to the export settings screen.

5. Set the separating character to **Semicolon.**

6. Set the text qualifier to **"**(double quote).

7. Check the checkbox to keep the column headers.

Export settings screen from Desktop App

8. Click **Finish** to start the export.

> ⚠ **Warning**
>
> Please note that Password Safe will export a `.csv` for **every** category you have and not just a single `.csv`.

Prepare exported file

Currently, Bitwarden do not offer a specific importer for this type of file. To prepare the exported file for import, please follow these instructions.

Import to Bitwarden

Data can be imported to Bitwarden from the web vault, CLI, desktop app, or browser extension. Data is encrypted locally before being sent to the server for storage.

⇒Web app

To import data to your vault:

1. Log in to the web vault at https://vault.bitwarden.com, https://vault.bitwarden.eu, or `https://your.bitwarden.domain.com` if self-hosting.

2. Select **Tools → Import data** from the navigation:

Import data

3. Complete the following fields from the drop down menus:

- **Vault:** Select the import destination such as your individual vault or an organizational vault that you have access to.

- **Folder or Collection:** Select if you would like the imported content moved to a specific folder or organization collection that you have access to.

- **File format:** Select the import file format.

4. Select **Choose File** and add the file to import or copy/paste the contents of your file into the input box.

> ⚠ **Warning**
>
> Importing does not check whether items in the file to import already exist in your vault. If you import multiple files or import files with items already in your vault, **this will create duplicates**.

5. Select **Import data** to trigger the import. If you are importing a password protected `.json` file, enter the password into the **Confirm vault import** window that will appear.

6. After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

Additional items such as file attachments, Sends, and trash will need to be manually uploaded to your vault.

⇒Browser extension

To import data to your vault:

1. In the **Settings** tab, select **Vault** and choose the **Import items** option**.**

2. Complete the following fields from the drop down menus:

   1. **Vault:** Select the import destination such as your individual vault or an organizational vault that you have access to.

   2. **Folder** or **Collection:** Select if you would like the imported content moved to a specific folder or organization collection that you have access to.

   3. **File format:** Select the import file format.

3. Select **Choose File** and add the file to import or copy/paste the contents of your file into the input box.

> ⚠ **Warning**
>
> Importing does not check whether items in the file to import already exist in your vault. If you import multiple files or import files with items already in your vault, **this will create duplicates**.

4. Select **Import Data** to trigger the import. If you are importing a password protected `.json` file, enter the password into the **Confirm Vault Import** window that will appear.

5. After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

⇒Desktop app

To import data to your vault:

1. Select **File** > **Import data**.

2. Complete the following fields from the drop down menus:

   1. **Import destination:** Select the import destination such as your individual vault or an organizational vault that you have access to.

   2. **Folder or Collection:** Select if you would like the imported content moved to a specific folder or organization collection that you have access to.

3. **File format:** Select the import file format.

3. Select **Choose File** and add the file to import or copy/paste the contents of your file into the input box.

> ⚠ **Warning**
>
> Importing does not check whether items in the file to import already exist in your vault. If you import multiple files or import files with items already in your vault, **this will create duplicates**.

4. Select **Import Data** to trigger the import. If you are importing a password protected `.json` file, enter the password into the **Confirm Vault Import** window that will appear.

5. After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

⇒CLI

To import data to your vault from the CLI, use the following command:

```Bash
bw import <format> <path>
```

`bw import` requires a format (use `bw import --formats` to retrieve a list of formats) and a path, for example:

```Bash
bw import <format> /Users/myaccount/Documents/mydata.csv
```

After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

Import troubleshooting

File size import limitations

Imports may be rejected for exceeding any of the following data limitations:

- If your import has more than 7,000 items.

- If your import has more than 2,000 folders.

- If your import has more than 2,000 collections.

- If your import has more than 7,000 item-folder relationships (e.g. a single item in 3 folders can be said to have 3 item-folder relationships).

- If your import has more than 14,000 item-collection relationships (e.g. a single item in 3 collections can be said to have 3 item-collection relationships).