

Snipe-IT Bulk Importer Documentation

1 Prerequisites

1.1 Create Folder and Download Code

Follow these steps to download the project:

```
mkdir my_project  
cd my_project  
git clone <package_url>
```

1.2 Install Python 3.11 and Pip

Ensure you have Python 3.11 and Pip installed on your system. If not, download and install the latest version of Python [here](#) and Pip [here](#).

1.3 Install Dependencies

Navigate to the project folder and install the required packages with the following command:

```
pip install -r requirements.txt
```

1.4 Activate Virtual Environment

Execute the following commands to activate the virtual environment:

```
source env/bin/activate # For Linux/Mac  
.\env\Scripts\activate # For Windows
```

1.5 Configuration

Navigate to a file named `.env` in the project's main directory and replace the following lines with your actual URL and token:

```
url='Your_URL'  
token='Your_Token'
```

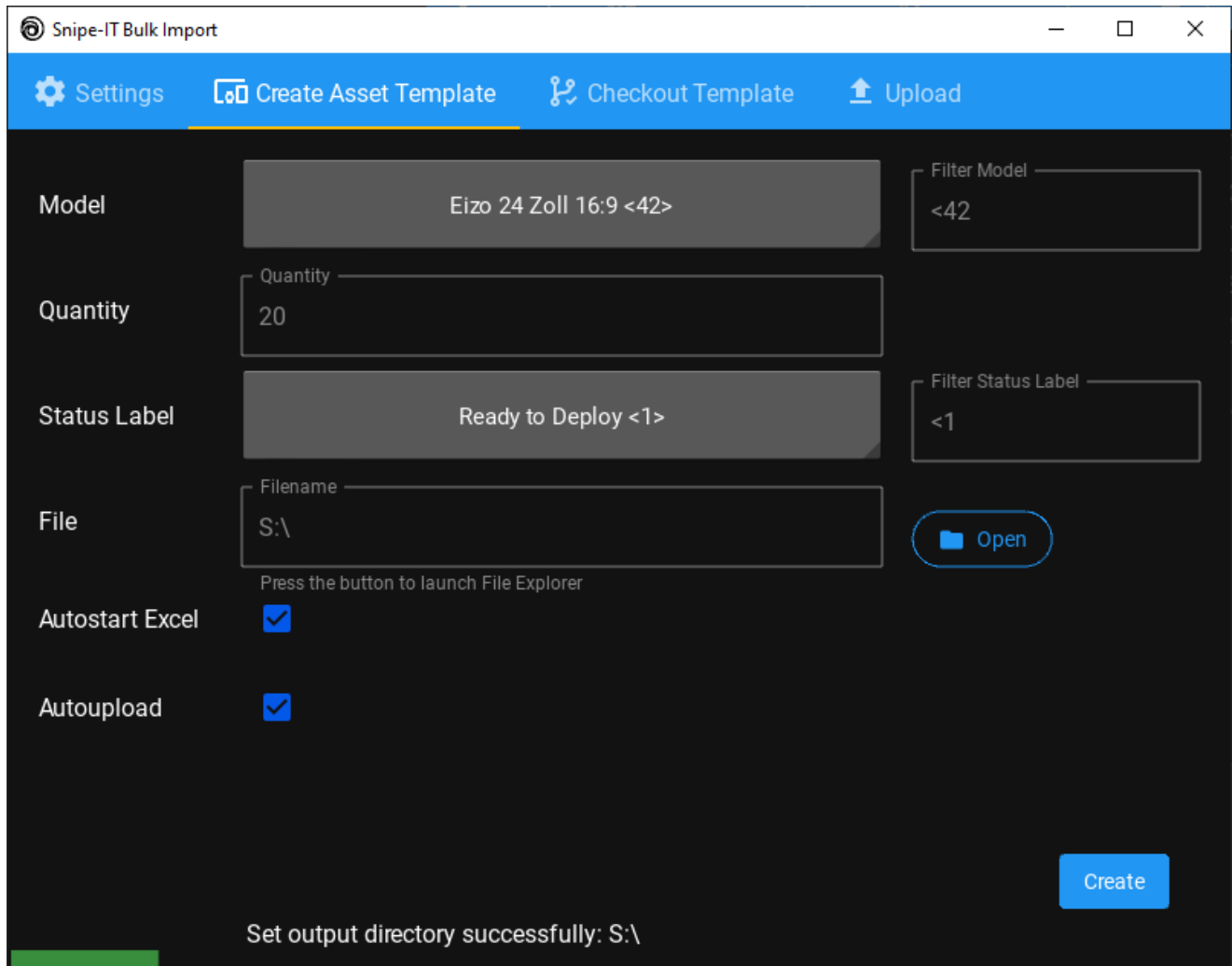
1.6 Start the Application

Run the application with the following command:

```
python main.py
```

2 Creating a Template for Uploading New Assets

To create a template for uploading new assets, please use this tab:



The screenshot shows the 'Snipe-IT Bulk Import' application window. The top navigation bar is blue and contains four tabs: 'Settings' (gear icon), 'Create Asset Template' (highlighted with a yellow underline), 'Checkout Template' (link icon), and 'Upload' (upload icon). The main content area has a dark background. It features several input fields and checkboxes:

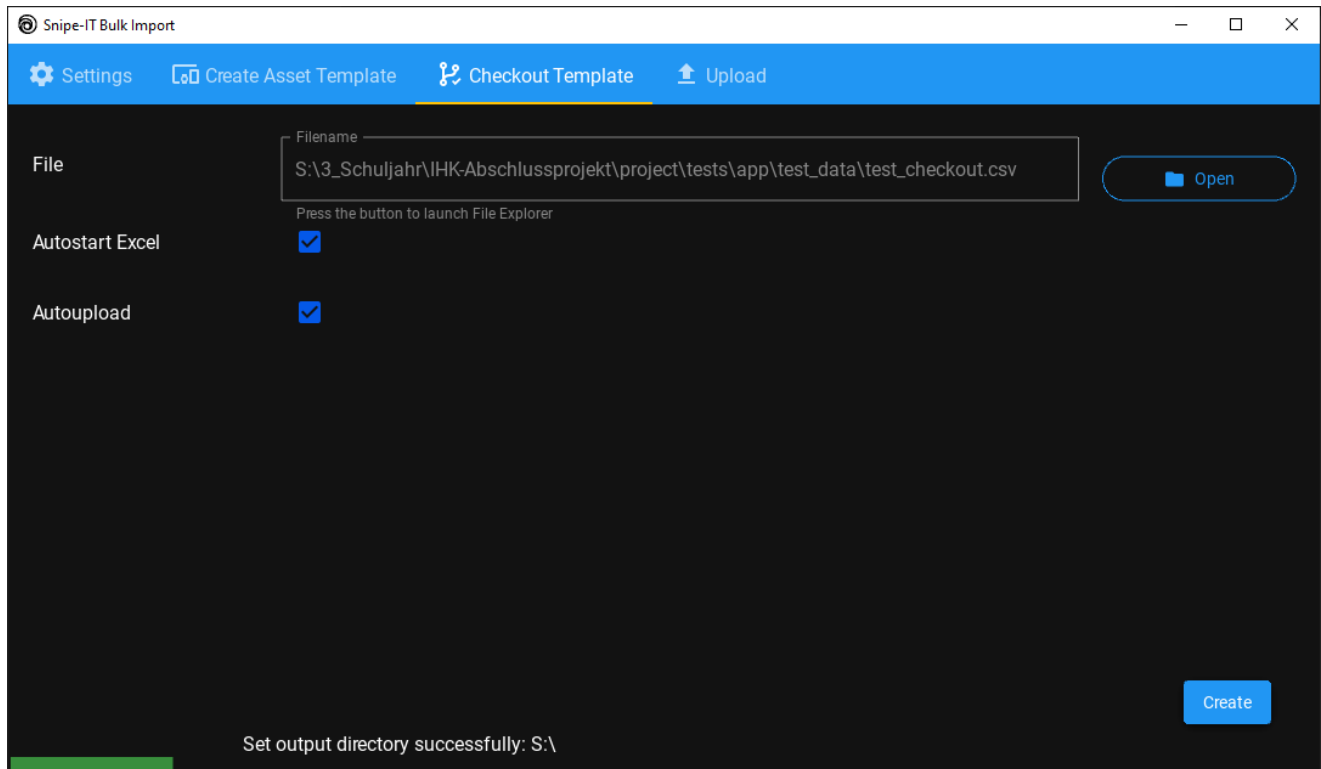
- Model:** A dropdown menu showing 'Eizo 24 Zoll 16:9 <42>'. To its right is a 'Filter Model' input field containing '<42>'. Below the dropdown is a 'Quantity' input field containing '20'.
- Status Label:** A dropdown menu showing 'Ready to Deploy <1>'. To its right is a 'Filter Status Label' input field containing '<1>'. Below the dropdown is a 'File' input field containing 'S:\'. To the right of the file field is an 'Open' button with a folder icon.
- Autostart Excel:** A checkbox that is checked.
- Autoupload:** A checkbox that is checked.

At the bottom right, there is a blue 'Create' button. At the bottom left, there is a green progress bar. In the center bottom, a status message reads 'Set output directory successfully: S:\'.

1. **Selecting the Asset Model:** In this section, all models defined in Snipe-IT are available for selection. You can explicitly filter models as needed.
2. **Asset Tag:** Here, you can define the tag for an asset to uniquely identify it.
3. **Quantity of Rows:** Set the number of rows you need for the assets you want to create.
4. **Status Label:** This section works similarly to model selection. You can define the status of an asset.
5. **File:** Specify a file name you'd like to use for your template. Click "Open," and the file browser will open.
6. **Automatic Excel Launch:** If a valid path and necessary settings are provided, Excel will automatically open to create your template.
7. **Automatic Upload:** Under "AutoUpload," the created Excel file will be automatically pushed to Snipe-IT once your Excel work is completed.
8. **Create:** Start the process.

3 Creating a Template for Checkout Assets

To create a template to check out new assets, please use this tab:

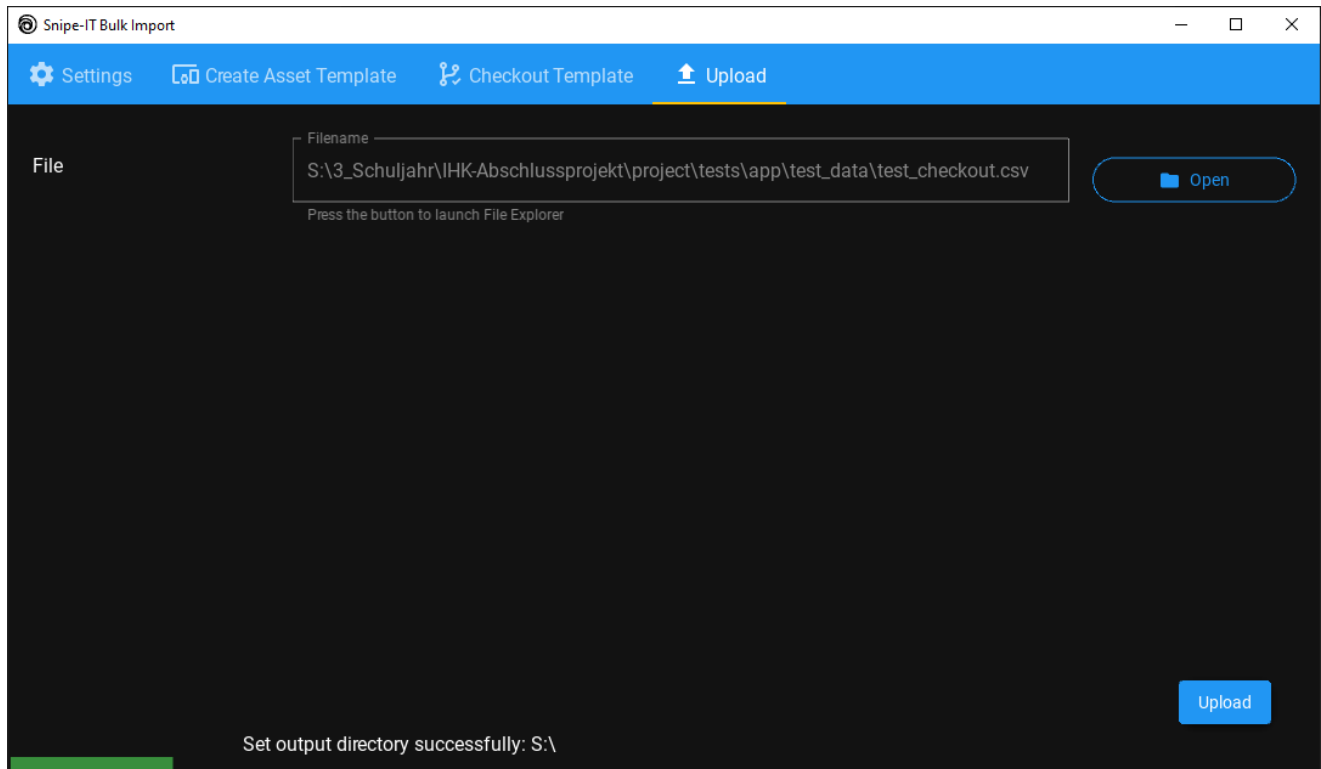


The screenshot shows the 'Snipe-IT Bulk Import' application window. The top navigation bar is blue and contains four tabs: 'Settings', 'Create Asset Template', 'Checkout Template' (which is highlighted with a yellow underline), and 'Upload'. Below the navigation bar, the 'Checkout Template' section is displayed. It features a 'File' input field with the filename 'S:\3_Schuljahr\IHK-Abschlussprojekt\project\tests\app\test_data\test_checkout.csv' and an 'Open' button. Below the file input, there are two checkboxes: 'Autostart Excel' and 'Autoupload', both of which are checked. At the bottom right, there is a blue 'Create' button. A green progress bar is visible at the bottom left, and a status message at the bottom center reads 'Set output directory successfully: S:\'.

1. **File:** Specify a file name you'd like to use for your template. Click "Open," and the file browser will open.
2. **Automatic Excel Launch:** If a valid path and necessary settings are provided, Excel will automatically open to create your template.
3. **Automatic Upload:** Under "AutoUpload," the created Excel file will be automatically pushed to Snipe-IT once your Excel work is completed.
4. **Create:** Start the process.

4 Upload a Template to Snipe-IT

To upload a template, please use this tab:



1. **File:** Fill in the template-csv file path. Click "Open," and the file browser will open to navigate to the file.
2. **Upload:** Start the uploading process.

5 Change Settings

To change global settings, please use this tab:

Snipe-IT Bulk Import

Settings

Create Asset Template

Checkout Template

Upload

URL

URL

https://uat.asset.it.bluebyte.ubisoft.org/api/v1

Token

Token

eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJhdWQiOiIiXiwianRpIjoibGoiZDY5OT

Excel Path

Excel Path

C:\Program Files\Microsoft Office\root\Office16\EXCEL.EXE

Output Folder

Output Folder

S:\

Set output directory successfully: S:\