

Armstrong Powerhouse Auto Updater

- ChiefJack -

ARMSTRONG POWERHOUSE AUTO UPDATER



MANUAL V1.0.3

Contents

AP Auto Updater Overview	3
First Time Use	4
Using the Tool to Update Packs.....	7
Changelog.....	11
Credits.....	11

AP Auto Updater Overview

Thank you for downloading this utility tool from On Track Simulation. If you have any suggestions for improvements or encounter any issues, please fill out [this](#) Google Form. Also, feel free to message me on Facebook: [Jack Hales](#), or Discord: chiefjack__

This utility tool was created in response to comments under AP Facebook posts in which people were complaining about the amount of redownloads they need to do due to AP Packs being improved and updated.

In simple terms, this tool will login to your AP account, index all of your purchased AP products, check to see if any have been updated since you last installed them, and if that is the case, it will download and install them without you having to do anything.

For this tool to run, you will require the latest version of Google Chrome available [here](#). IT IS ALSO HIGHLY RECOMMENDED THAT YOU DISABLE YOUR ANTI-VIRUS SOFTWARE AS IT IS PRONE TO REMOVING AP EXECUTABLE FILES WHEN YOU TRY TO RUN THEM.

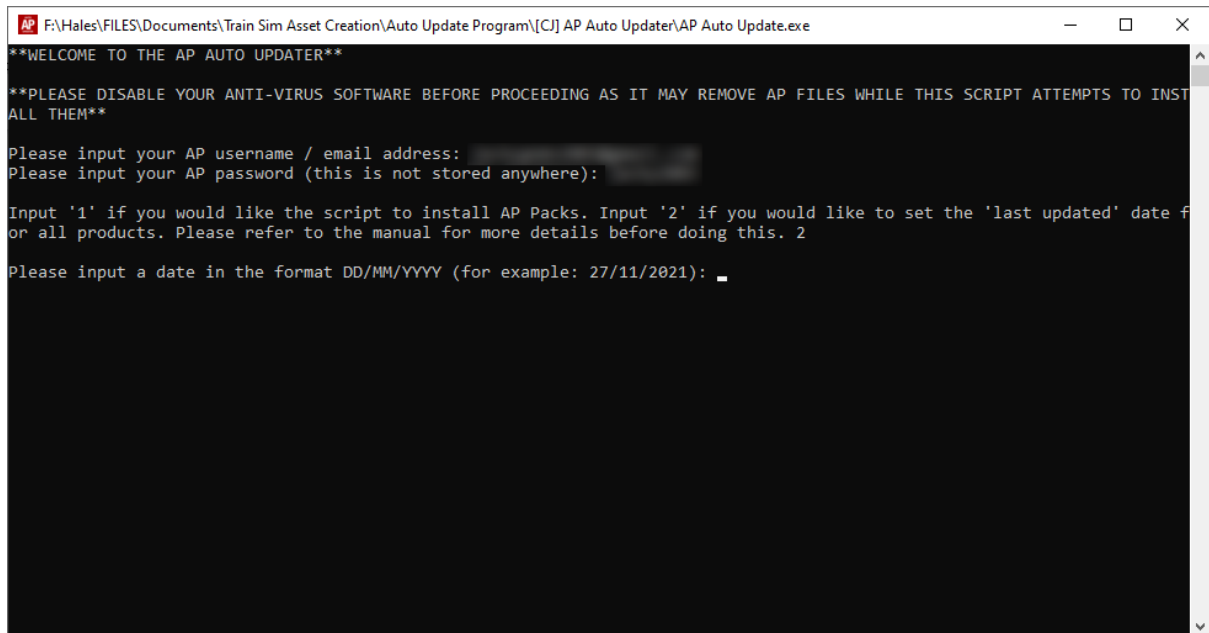
The following pages will detail how to use this tool and get the most benefit from it. There is also a video tutorial available to watch [here](#).

This program has been released with the permission of Armstrong Powerhouse but they do not endorse it and are not liable for any mishaps arising from its use.

DISCLAIMER: We cannot be held responsible for any damage that this tool causes to your installation, nor is it in any way affiliated with Armstrong Powerhouse and must be considered as a wholly third party creation. It is **ESSENTIAL** to read the manual before attempting to use this tool, and it is advisable to have your anti-virus software disabled. Please only download and use this tool if you are happy to do this.

First Time Use

If this is the first time running the tool, it won't have indexed your AP products and thus won't work. When you run the tool for the first time, after entering your AP account details (these are not stored or sent anywhere), please type **2** and press ENTER. You will then be presented with a screen like this:



```
F:\Hales\FILES\Documents\Train Sim Asset Creation\Auto Update Program\[CJ] AP Auto Updater\AP Auto Update.exe
**WELCOME TO THE AP AUTO UPDATER**

**PLEASE DISABLE YOUR ANTI-VIRUS SOFTWARE BEFORE PROCEEDING AS IT MAY REMOVE AP FILES WHILE THIS SCRIPT ATTEMPTS TO INST
ALL THEM**

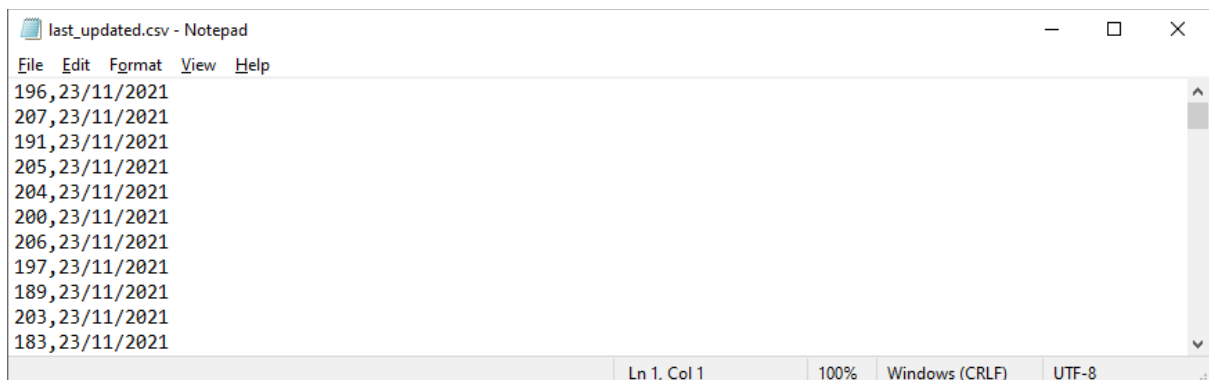
Please input your AP username / email address: 
Please input your AP password (this is not stored anywhere): 

Input '1' if you would like the script to install AP Packs. Input '2' if you would like to set the 'last updated' date f
or all products. Please refer to the manual for more details before doing this. 2

Please input a date in the format DD/MM/YYYY (for example: 27/11/2021):
```

Next, input a date in the given format (DD/MM/YYYY). Press ENTER to submit the date. Failure to input a date in the correct format will cause the tool to fail. If you input the date in the wrong format or wish to change the date, you can re-run the program and follow the same steps.

After inputting a date, the tool will index all of your AP products and set their last updated date to the date you inputted. This data is then stored in a file called *last_updated.csv*. You can use Notepad to open this file. An example *last_updated.csv* file is shown below:



```
last_updated.csv - Notepad
File Edit Format View Help
196,23/11/2021
207,23/11/2021
191,23/11/2021
205,23/11/2021
204,23/11/2021
200,23/11/2021
206,23/11/2021
197,23/11/2021
189,23/11/2021
203,23/11/2021
183,23/11/2021
Ln 1, Col 1 100% Windows (CRLF) UTF-8
```

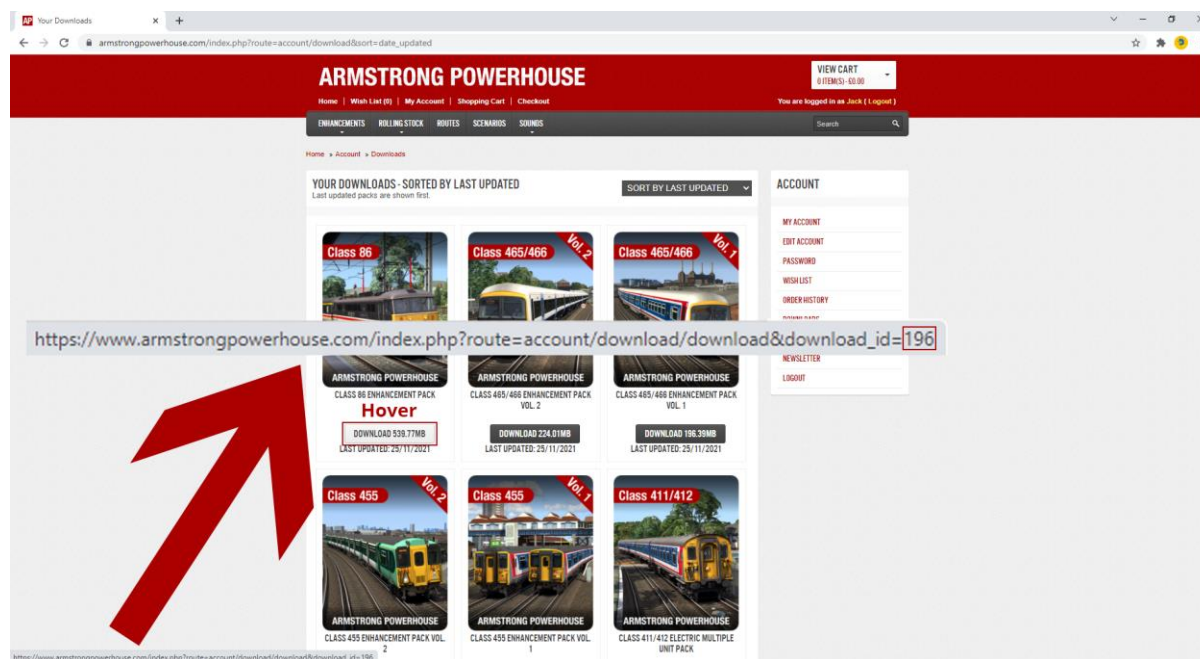
The file lists all of your purchased AP products, including discontinued products such as Scenario Packs and Sound Packs superseded by Enhancement Packs. Therefore, it is recommended that you follow the next steps to remove products from the list that you don't wish to be installed. Each line in the file represents one AP product. If we take the top line for example:

196,23/11/2021

196 is the product ID.


23/11/2021 is the last updated date.

Note that a single comma (,) separates the two values, and that there are no spaces. To find which product corresponds with which product ID, go to the AP Downloads page [here](#). When you hover over a download button for a product, the link to the product download will appear in the bottom left corner. The product ID is at the end of the link, as shown in the example below:

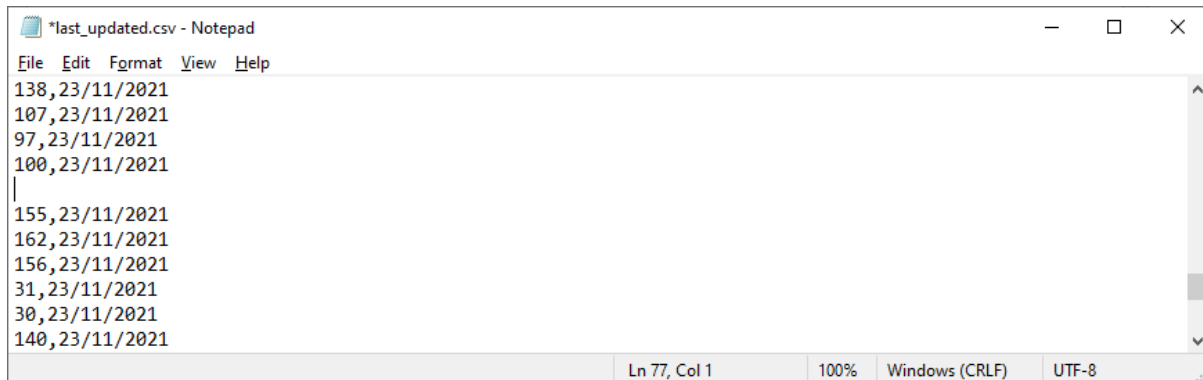


It is highly recommended that you go through the downloads page of your AP account and find the product IDs of any products you don't wish to be installed or updated. For example, the Class 455 Sound Pack has been superseded by the Class 455 Enhancement Pack Vol.1 and Vol.2, so I don't want it downloaded. I would find the download for the Class 455 Sound Pack and get its product ID which is 122. I would then go to *last_updated.csv* and find product ID 122. I would then remove the line and save the file, as shown by the following screenshots:

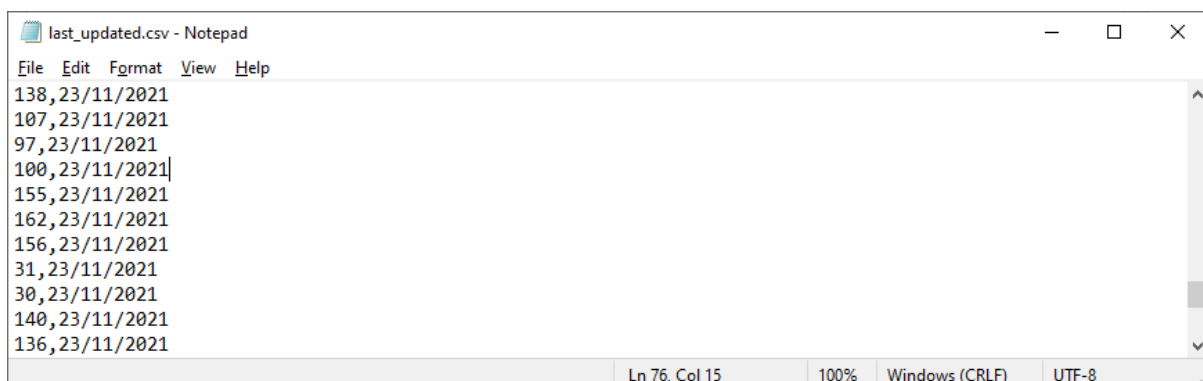
AP Auto Updater



```
last_updated.csv - Notepad
File Edit Format View Help
138,23/11/2021
107,23/11/2021
97,23/11/2021
100,23/11/2021
122,23/11/2021
155,23/11/2021
162,23/11/2021
156,23/11/2021
31,23/11/2021
30,23/11/2021
140,23/11/2021
Ln 77, Col 1 100% Windows (CRLF) UTF-8
```



```
*last_updated.csv - Notepad
File Edit Format View Help
138,23/11/2021
107,23/11/2021
97,23/11/2021
100,23/11/2021
|
155,23/11/2021
162,23/11/2021
156,23/11/2021
31,23/11/2021
30,23/11/2021
140,23/11/2021
Ln 77, Col 1 100% Windows (CRLF) UTF-8
```



```
last_updated.csv - Notepad
File Edit Format View Help
138,23/11/2021
107,23/11/2021
97,23/11/2021
100,23/11/2021|
155,23/11/2021
162,23/11/2021
156,23/11/2021
31,23/11/2021
30,23/11/2021
140,23/11/2021
136,23/11/2021
Ln 76, Col 15 100% Windows (CRLF) UTF-8
```

Repeat this for all AP products which you don't wish to be installed.

You can also choose to change the last updated date should you wish to, but please ensure the date format of DD/MM/YYYY is retained.

Once you are happy that the *last_updated.csv* file only contains products you want installed, and you are happy with the date it says they were last updated on, you are ready to start updating packs.

I recommend taking a backup of this file so you can use it every time you need a reinstall of all AP Packs, as the tool will update the dates of products when you install AP Packs using this tool.

When you purchase new AP Packs, you need to manually add them to *last_updated.csv* on a new line, using the same DD/MM/YYYY format. This functionality may get added to the program in a future update.

Using the Tool to Update Packs

This section details how to use the tool to update your AP Packs. There are shortened steps below, whilst the next page has more in-depth steps with screenshots. It's recommended that you read the in-depth steps if you are running the program for the first time, and then refer to the shortened steps when you have had more experience using the tool.

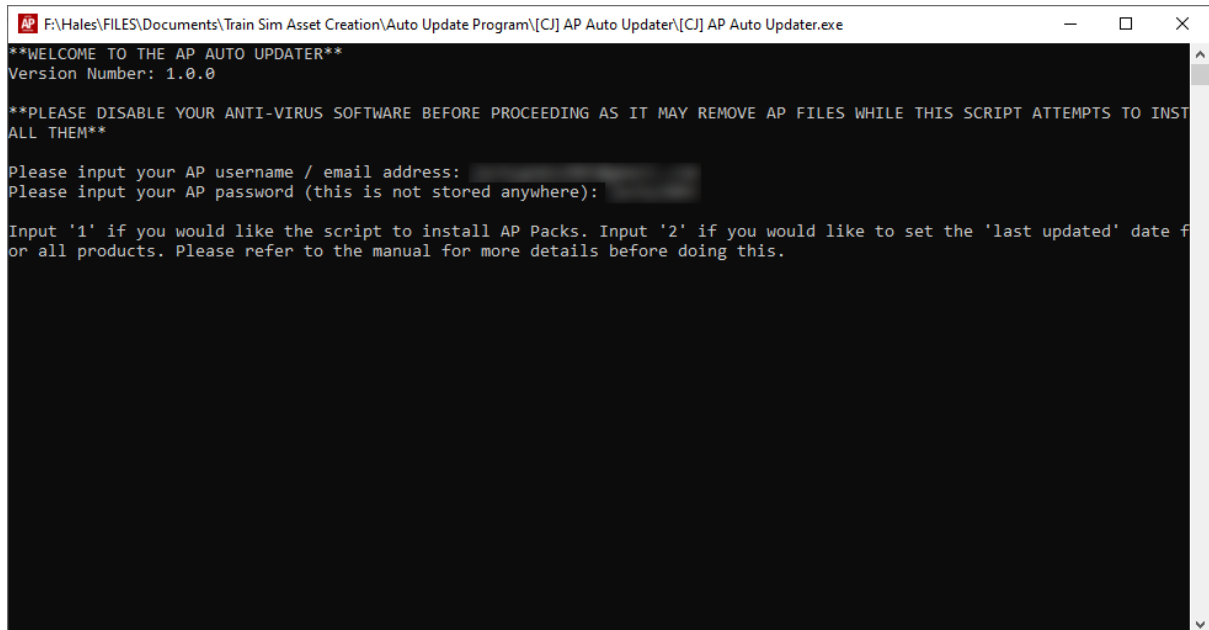
In short:

- 1) Open the program and sign in with your AP account details.
- 2) Type '1' and press ENTER.
- 3) Type '1' or '2' and press ENTER in answer to the questions.
Choosing the fully automated option means the tool will do everything itself - you can sit back and relax.
Choosing option 2 will mean you have to press ENTER for the tool to do things, such as starting to download products.
Fully automated is recommended for the shortest install times as there is no human input required.
- 4) After choosing one of these options, the tool will start and download any products which have been updated since the last updated date in *last_updated.csv*.
- 5) Once all downloads are done, it will install the products. Then it will move onto Branding Patches and Extra Stock Packs if you chose to install them.
- 6) Once everything is done, scroll up through the program output to check for any errors. It may be that a pack hasn't installed for whatever reason - you'll need to download and install it manually.
- 7) To exit the tool, when prompted, press ENTER to close the browser, and then CTRL + C to close the exe.

Some older AP products have inconsistent name formatting for Branding Patches and Extra Stock Packs. Please let me know if any don't download and install and I'll try to add support for them. You can send me this information via the Google Form linked [here](#).

In detail:

- 1) Open the program and sign in with your AP account details.



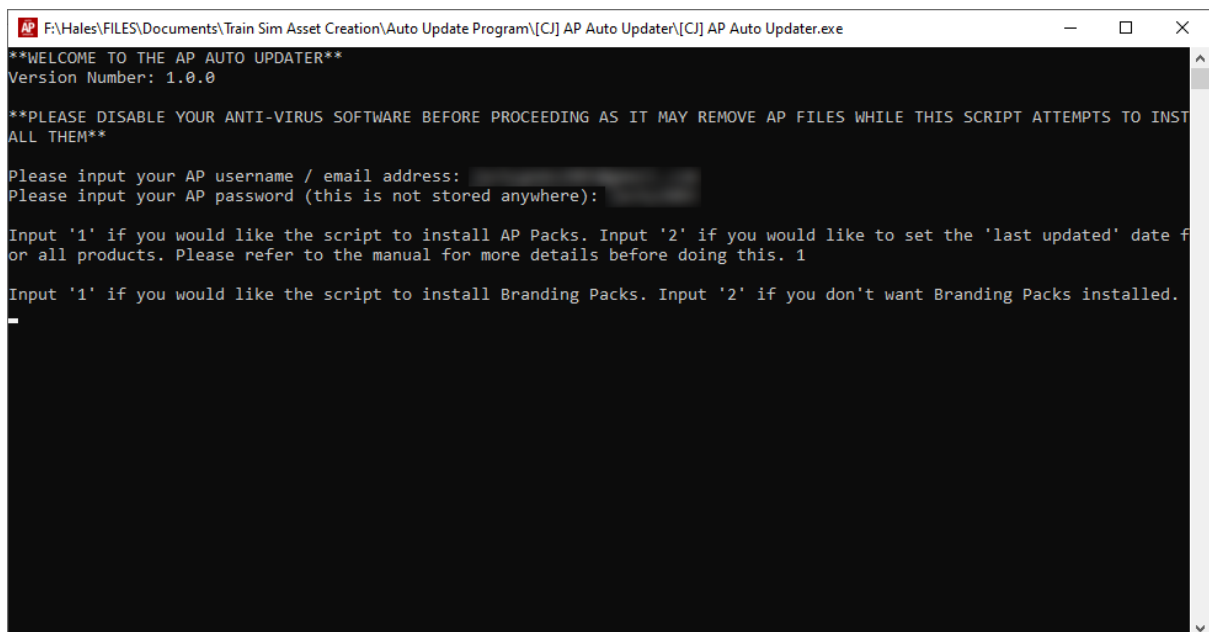
The screenshot shows a Windows application window titled "AP Auto Updater.exe". The window contains a black terminal-style interface with white text. The text reads:
WELCOME TO THE AP AUTO UPDATER
Version Number: 1.0.0

PLEASE DISABLE YOUR ANTI-VIRUS SOFTWARE BEFORE PROCEEDING AS IT MAY REMOVE AP FILES WHILE THIS SCRIPT ATTEMPTS TO INSTALL THEM

Please input your AP username / email address: [redacted]
Please input your AP password (this is not stored anywhere): [redacted]

Input '1' if you would like the script to install AP Packs. Input '2' if you would like to set the 'last updated' date for all products. Please refer to the manual for more details before doing this.

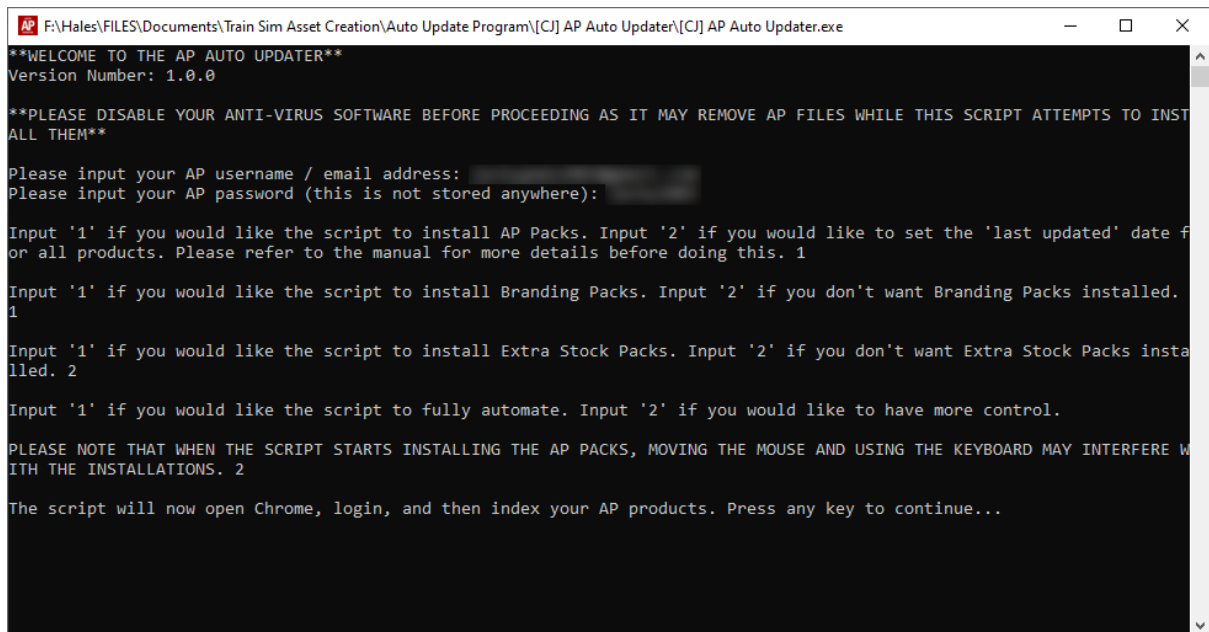
- 2) Type '1' and press ENTER.



The screenshot shows the same application window as before, but with additional text at the bottom:
Input '1' if you would like the script to install AP Packs. Input '2' if you would like to set the 'last updated' date for all products. Please refer to the manual for more details before doing this. 1

Input '1' if you would like the script to install Branding Packs. Input '2' if you don't want Branding Packs installed.

- 3) Type '1' or '2' and press ENTER in answer to the questions.
Choosing the fully automated option means the tool will do everything itself - you can sit back and relax.
Choosing option 2 will mean you have to press ENTER for the tool to do things, such as starting to download products.
Fully automated is recommended for the shortest install times as there is no human input required.



```
F:\Hales\FILES\Documents\Train Sim Asset Creation\Auto Update Program\[CJ] AP Auto Updater\[CJ] AP Auto Updater.exe
**WELCOME TO THE AP AUTO UPDATER**
Version Number: 1.0.0

**PLEASE DISABLE YOUR ANTI-VIRUS SOFTWARE BEFORE PROCEEDING AS IT MAY REMOVE AP FILES WHILE THIS SCRIPT ATTEMPTS TO INST
ALL THEM**

Please input your AP username / email address:
Please input your AP password (this is not stored anywhere):

Input '1' if you would like the script to install AP Packs. Input '2' if you would like to set the 'last updated' date f
or all products. Please refer to the manual for more details before doing this. 1

Input '1' if you would like the script to install Branding Packs. Input '2' if you don't want Branding Packs installed.
1

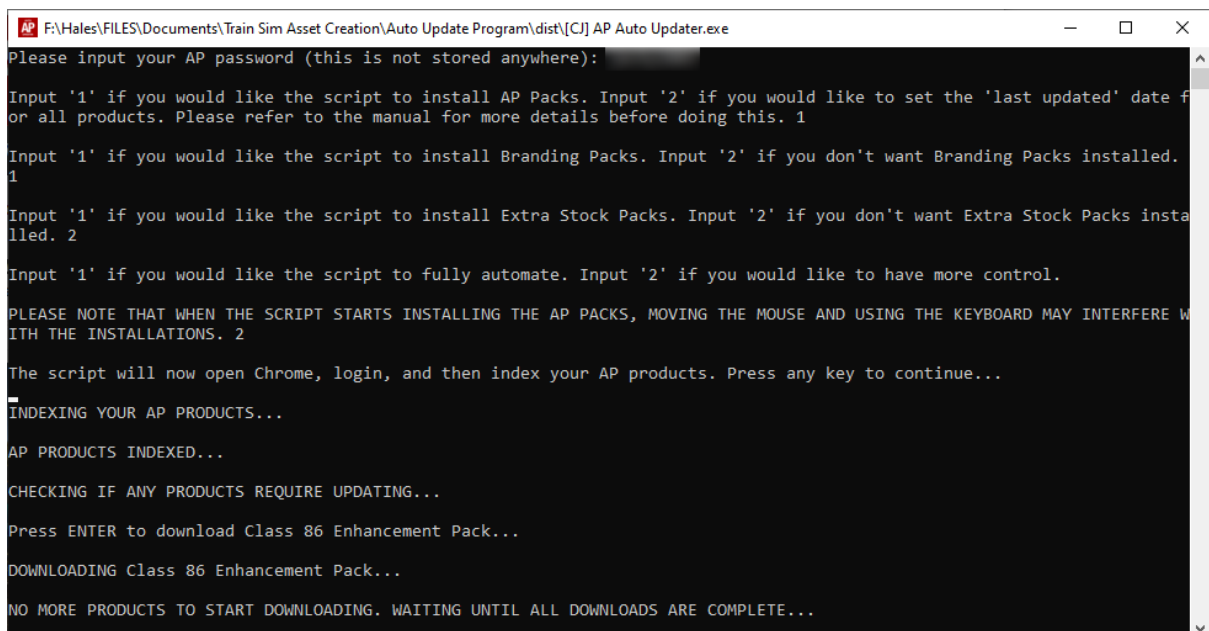
Input '1' if you would like the script to install Extra Stock Packs. Input '2' if you don't want Extra Stock Packs insta
lled. 2

Input '1' if you would like the script to fully automate. Input '2' if you would like to have more control.

PLEASE NOTE THAT WHEN THE SCRIPT STARTS INSTALLING THE AP PACKS, MOVING THE MOUSE AND USING THE KEYBOARD MAY INTERFERE W
ITH THE INSTALLATIONS. 2

The script will now open Chrome, login, and then index your AP products. Press any key to continue...
```

- 4) After choosing one of these options, the tool will start and download any products which have been updated since the last updated date in *last_updated.csv*. To do this, it will open Google Chrome and login to your account using the AP website. Then it will index all of your AP products and compare the last updated dates on the website with the ones in *last_updated.csv*. If there are any products which need updating, it will download them.



```
F:\Hales\FILES\Documents\Train Sim Asset Creation\Auto Update Program\dist\[CJ] AP Auto Updater.exe
Please input your AP password (this is not stored anywhere):

Input '1' if you would like the script to install AP Packs. Input '2' if you would like to set the 'last updated' date f
or all products. Please refer to the manual for more details before doing this. 1

Input '1' if you would like the script to install Branding Packs. Input '2' if you don't want Branding Packs installed.
1

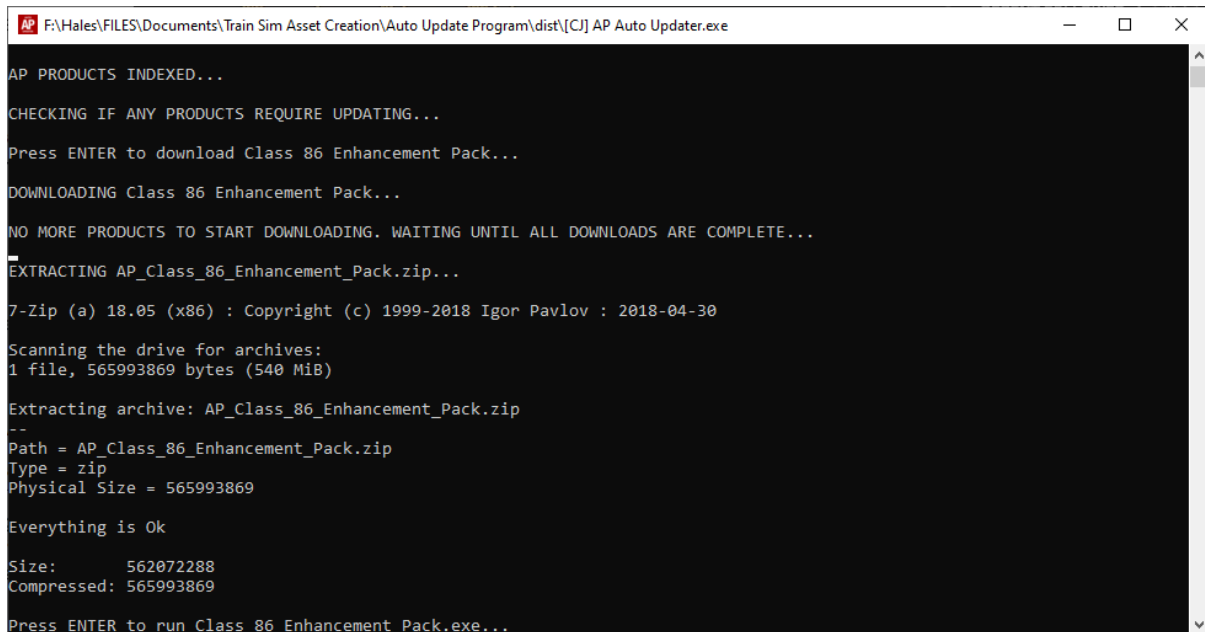
Input '1' if you would like the script to install Extra Stock Packs. Input '2' if you don't want Extra Stock Packs insta
lled. 2

Input '1' if you would like the script to fully automate. Input '2' if you would like to have more control.

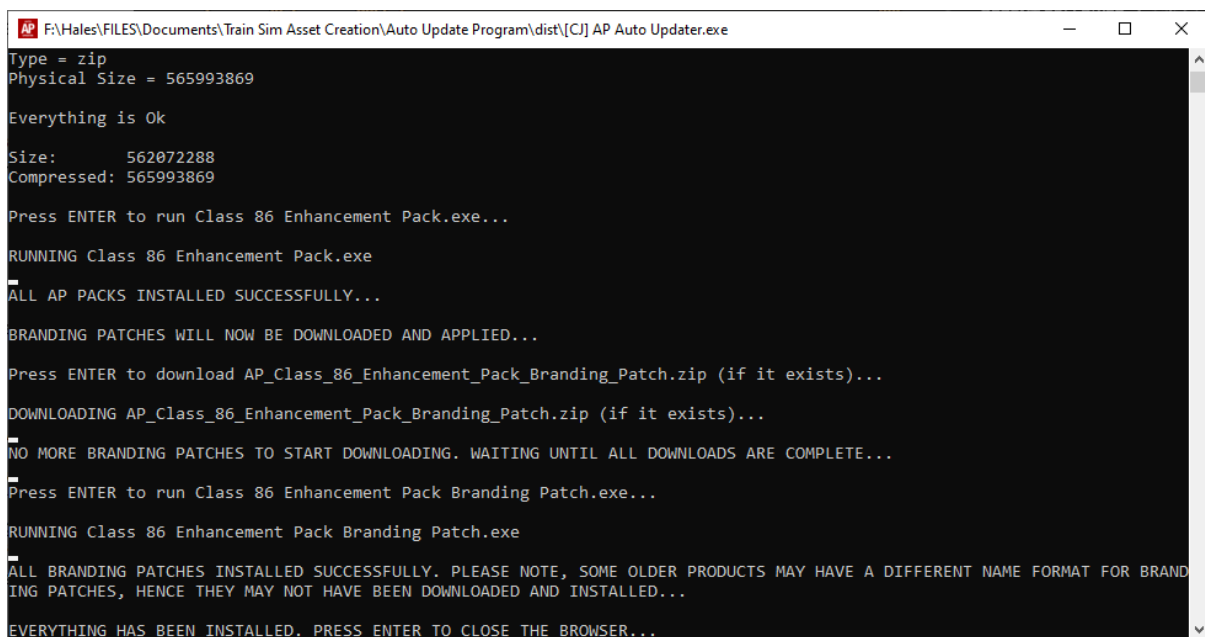
PLEASE NOTE THAT WHEN THE SCRIPT STARTS INSTALLING THE AP PACKS, MOVING THE MOUSE AND USING THE KEYBOARD MAY INTERFERE W
ITH THE INSTALLATIONS. 2

The script will now open Chrome, login, and then index your AP products. Press any key to continue...
INDEXING YOUR AP PRODUCTS...
AP PRODUCTS INDEXED...
CHECKING IF ANY PRODUCTS REQUIRE UPDATING...
Press ENTER to download Class 86 Enhancement Pack...
DOWNLOADING Class 86 Enhancement Pack...
NO MORE PRODUCTS TO START DOWNLOADING. WAITING UNTIL ALL DOWNLOADS ARE COMPLETE...
```

- 5) Once all downloads are done, it will install the products. Then it will move onto branding packs and extra stock packs if you chose to install them.



```
AP F:\Hales\FILES\Documents\Train Sim Asset Creation\Auto Update Program\dist\[CJ] AP Auto Updater.exe
AP PRODUCTS INDEXED...
CHECKING IF ANY PRODUCTS REQUIRE UPDATING...
Press ENTER to download Class 86 Enhancement Pack...
DOWNLOADING Class 86 Enhancement Pack...
NO MORE PRODUCTS TO START DOWNLOADING. WAITING UNTIL ALL DOWNLOADS ARE COMPLETE...
EXTRACTING AP_Class_86_Enhancement_Pack.zip...
7-Zip (a) 18.05 (x86) : Copyright (c) 1999-2018 Igor Pavlov : 2018-04-30
Scanning the drive for archives:
1 file, 565993869 bytes (540 MiB)
Extracting archive: AP_Class_86_Enhancement_Pack.zip
--
Path = AP_Class_86_Enhancement_Pack.zip
Type = zip
Physical Size = 565993869
Everything is Ok
Size:      562072288
Compressed: 565993869
Press ENTER to run Class 86 Enhancement Pack.exe...
```



```
AP F:\Hales\FILES\Documents\Train Sim Asset Creation\Auto Update Program\dist\[CJ] AP Auto Updater.exe
Type = zip
Physical Size = 565993869
Everything is Ok
Size:      562072288
Compressed: 565993869
Press ENTER to run Class 86 Enhancement Pack.exe...
RUNNING Class 86 Enhancement Pack.exe
ALL AP PACKS INSTALLED SUCCESSFULLY...
BRANDING PATCHES WILL NOW BE DOWNLOADED AND APPLIED...
Press ENTER to download AP_Class_86_Enhancement_Pack_Branding_Patch.zip (if it exists)...
DOWNLOADING AP_Class_86_Enhancement_Pack_Branding_Patch.zip (if it exists)...
NO MORE BRANDING PATCHES TO START DOWNLOADING. WAITING UNTIL ALL DOWNLOADS ARE COMPLETE...
Press ENTER to run Class 86 Enhancement Pack Branding Patch.exe...
RUNNING Class 86 Enhancement Pack Branding Patch.exe
ALL BRANDING PATCHES INSTALLED SUCCESSFULLY. PLEASE NOTE, SOME OLDER PRODUCTS MAY HAVE A DIFFERENT NAME FORMAT FOR BRAND
ING PATCHES, HENCE THEY MAY NOT HAVE BEEN DOWNLOADED AND INSTALLED...
EVERYTHING HAS BEEN INSTALLED. PRESS ENTER TO CLOSE THE BROWSER...
```

- 6) Once everything is done, scroll up through the program output to check for any errors. It may be that a pack hasn't installed for whatever reason - you'll need to download and install it manually.
- 7) To exit the tool, when prompted, press ENTER to close the browser, and then CTRL + C to close the exe.

Changelog

V1.0.0: initial release

V1.0.1: fixed an issue for users who only have a single page of AP Downloads

V1.0.2: fixed an issue whereby users couldn't use the program if their Google Chrome version didn't match the version of chromedriver.exe. The program will now automatically download the correct version of chromedriver.exe to match your Google Chrome version when the program opens

V1.0.3: fixed an issue caused by Chrome version 115 and newer that was causing the program to crash

Credits

Jack Hales - tool creation, manual, testing

Thank you to the OTS team for your help testing this tool.