

Scraping ETF Holdings

Watchlist Creation Tips - JHF🎓

Requirements

- Google Chrome, or experience with Inspector Tools in other browsers
- TradingView Paid Subscription (to create multiple watchlists)

Important Note

If you are not using the tools in the requirements above, I will not provide support. I can't help you if you're using an outdated 15 years old macbook with an outdated version of Safari. The script might not be supported by outdated hardware and software.

The Guide

So you found an ETF and you'd like to add its complete holdings list into a TradingView watchlist?

You can directly access etf.com/ETF_TICKER

Replace the ETF ticker part with the actual ticker, like this:

<https://etf.com/SPY>

Once on the page, click on the "Holdings" tab:

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HOLDINGS

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SPDR S&P 500 ETF Trust

\$509.83
-3.10%
(-0.69%)

Closed

Xignite Super

[NYSEArca]

A

94

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SPY Analysis & Insights

SPY tracks a market cap-weighted index of US large- and mid-cap stocks selected by the S&P Committee.

SPY is the best-recognized and oldest US listed ETF and typically tops rankings for largest AUM and greatest trading volume. The fund tracks the massively popular US index, the S&P 500. Few realize that S&P's index committee chooses 500 securities to represent the US large-cap space - not necessarily the 500 largest by market cap, which can lead to some omissions of single names. Still, the index offers outstanding exposure to the US large-cap space. It's important to note, SPY is a unit investment trust, an older but entirely viable structure. As a UIT, SPY must fully replicate its index (it probably would anyway) and forgo the small risk and reward of securities lending. It also can't reinvest portfolio dividends between distributions, the resulting cash drag will slightly hurt performance in up markets and help in downtrends. SPY is a favored vanilla trading vehicle.

SPY Summary

Issuer	State Street
Inception Date	01/22/93
Expense Ratio	0.09%
AUM	\$507.20B
Index Tracked	S&P 500
Segment	MSCI USA Large Cap
Structure	Unit Investment Trust

You will see a partial Holdings list on the left side of the page.
 Scroll down and click on "View All"

Holding	Allocation %
Microsoft Corporation	7.32%
Apple Inc.	6.49%
NVIDIA Corporation	4.23%
Amazon.com, Inc.	3.72%
Meta Platforms Inc Class A	2.47%
Alphabet Inc. Class A	2.07%
Alphabet Inc. Class C	1.76%
Berkshire Hathaway Inc. Class B	1.72%
Eli Lilly and Company	1.39%
Broadcom Inc.	1.32%



View All

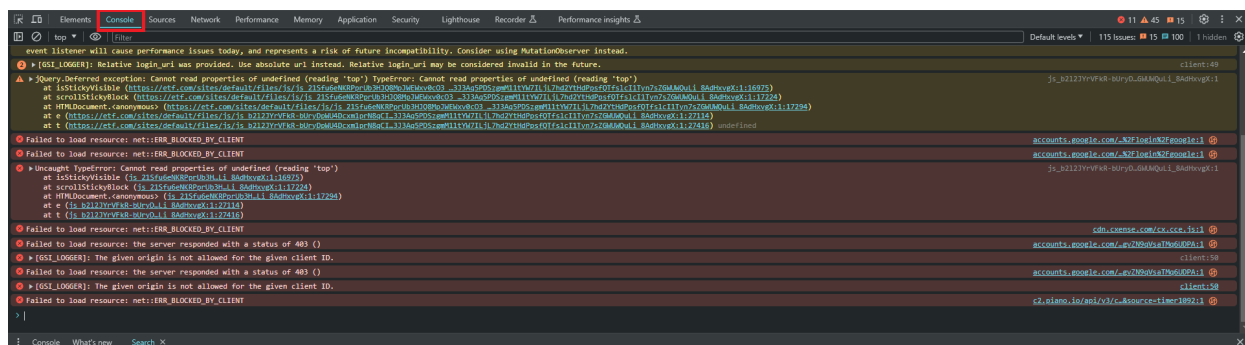
A pop-up will appear, showing all the complete holdings list of the ETF.

All Holdings from SPY	
NAME	HOLDING ALLOCATION
Microsoft Corporation	7.32%
Apple Inc.	6.49%
NVIDIA Corporation	4.23%
Amazon.com, Inc.	3.72%
Meta Platforms Inc Class A	2.47%
Alphabet Inc. Class A	2.07%
Alphabet Inc. Class C	1.76%
Berkshire Hathaway Inc. Class B	1.72%
Eli Lilly and Company	1.39%
Broadcom Inc.	1.32%

Press **F12** (or **CTRL+SHIFT+I**) on your keyboard. This will open the Chrome Inspector Tools.

Click on the “Console” tab.

Do not be intimidated if there are messages and error in there, we do not care.



Copy the following code into the console and press Enter:

```
const allTickers=Array.from(document.querySelectorAll(".modal-body
td.ticker")).map(l=>{let e=l.querySelector("a");if(e){let
t=e.getAttribute("href");if(null==t)return null;let
r=t.match(/\sstock\/([^\s]+)/);if(r){let u=r[1];return u}}return
null}).filter(l=>null!=l).join(", ");console.log(`$allTickers`);
```

```
const allTickers=Array.from(document.querySelectorAll(".modal-body
td.ticker")).map(l=>{let e=l.querySelector("a");if(e){let t=e.getAttribute("href");if(null==t)return null;let r=t.match(/\sstock\/([^\s]+)/);if(r){let u=r[1];return u}}return null}).filter(l=>null!=l).join(", ");console.log(`$allTickers`);
```

The result will look something like this:

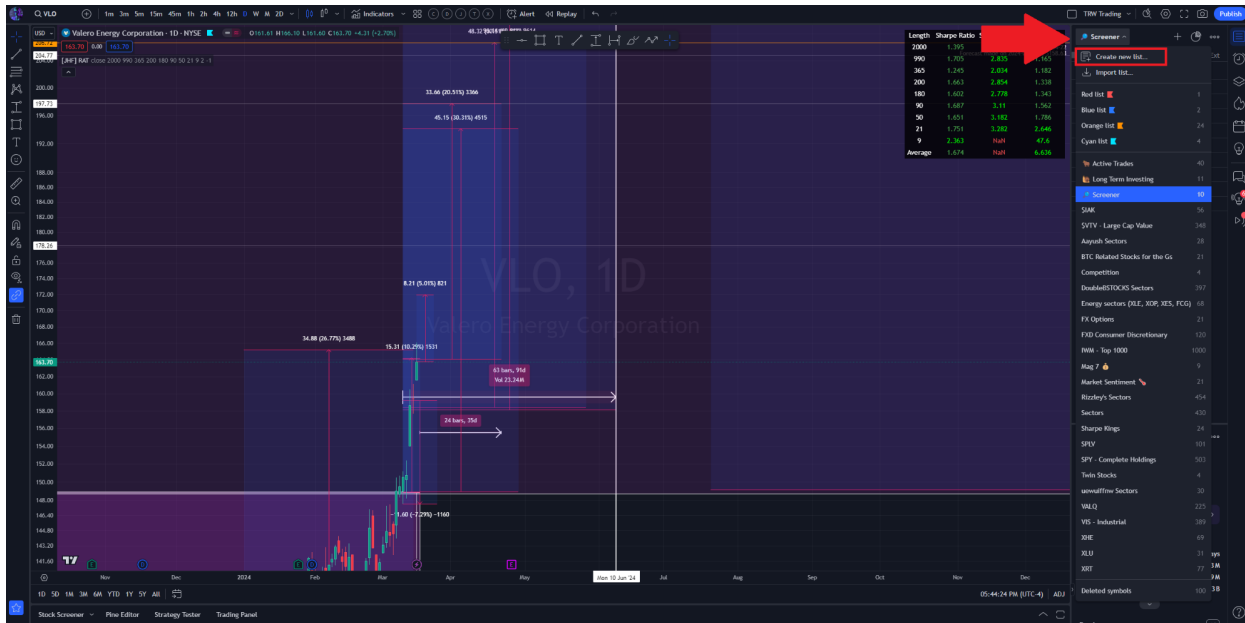
Latest News on

NAME	HOLDING ALLOCATION
Microsoft Corporation	7.32%
Apple Inc.	6.49%
NVIDIA Corporation	4.23%

```
const allTickers=Array.from(document.querySelectorAll(".modal-body
td.ticker")).map(l=>{let e=l.querySelector("a");if(e){let t=e.getAttribute("href");if(null==t)return null;let r=t.match(/\sstock\/([^\s]+)/);if(r){let u=r[1];return u}}return null}).filter(l=>null!=l).join(", ");console.log(`$allTickers`);
```

You can select the list and “Copy” it (CTRL+C or Right-Click > Copy)

Head to TradingView.com and create a new watchlist:



×

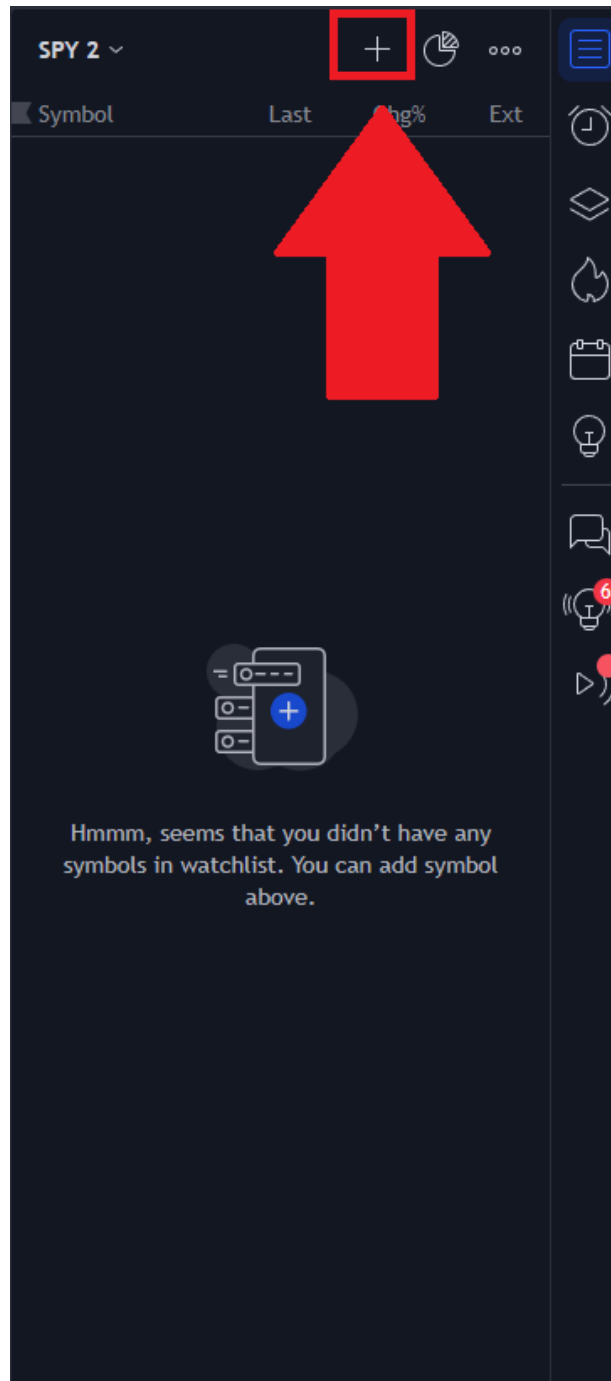
Create New List

Symbol list name:

SPY 2

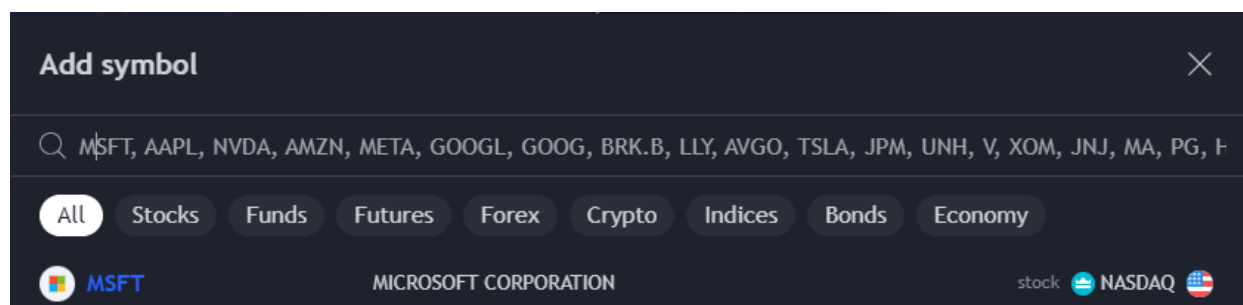
CancelSave

Click the “+” sign to add tickers to the list:



Once the “Add Symbol” pop-up appears, **paste the contents of your clipboard** (the list you copied earlier) **into the search bar and press enter**.

Before you press enter, it should look similar to this, a list of tickers separated by commas (you can add the ETF ticker at the beginning if you'd like. Make sure to add a comma after it, if you do so!):



Here's the final result:

SPY 2			
Symbol	Last	Chg%	Ext
MSFT	416.42	-2.07%	
AAPL	172.62	-0.22%	
NVDA	878.37	-0.12%	
AMZ	174.42	-2.42%	
META	484.10	-1.57%	
GOO	141.18	-1.34%	
GOO	142.17	-1.50%	
BRK.B	408.13	0.34%	
LLY	754.17	-0.86%	
AVGO	1235.50	-2.12%	
TSLA	163.57	0.66%	
JPM	190.30	1.24%	
UNH	490.82	0.37%	
V	283.04	-1.18%	
XOM	111.27	-0.18%	
JNJ	158.18	-0.65%	
MA	475.83	-0.76%	
PG	161.38	-0.07%	
HD	373.23	-0.54%	
COST	725.63	-0.86%	
MRK	121.52	0.84%	
ABBV	177.88	-1.83%	
CRM	294.33	-2.96%	
ADBE	492.46	-13.67%	
AMD	184.06	-2.44%	

That's it for the tutorial 😊