## **PHP: How to get stock quote data from Yahoo! Finance? (Complete Code and Tutorial)**

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In this tutorial, I will be showing you how you can fetch any company’s data from [Yahoo! Finance](http://finance.yahoo.com/).

### **INTRODUCTION**

First of all, let us see the stock quote data of top tech companies on Yahoo! Finance.

View the basic

**Google stock chart on Yahoo! Finance**: <http://finance.yahoo.com/q?s=goog>

**For eBay**: <http://finance.yahoo.com/q?s=EBAY>

**For Amazon**: <http://finance.yahoo.com/q?s=AMZN>

**For Apple**: <http://finance.yahoo.com/q?s=AAPL>

**For Microsoft**: <http://finance.yahoo.com/q?s=MSFT>

**For Yahoo**: <http://finance.yahoo.com/q?s=YHOO>

Similarly, you can find for others. You just need to change the stock symbol.

All industry list is present here: <http://biz.yahoo.com/ic/ind_index.html>

You can click on any industry sector from the list and see the stock symbol for industries.

### **DEMONSTRATION**

Let us now fetch stock data from Yahoo! Finance.

You can get stock data from Yahoo from the following URL:

**http://finance.yahoo.com/d/quotes.csv?s=$stock&f=$format**

Here,

**$stock** = stock symbol (e.g. GOOG for Google, MSFT for Microsoft, APPL for Apple, etc.)

**$format** = format or tags to be fetched

Example,

**http://finance.yahoo.com/d/quotes.csv?s=GOOG+AAPL+MSFT+YHOO&f=snl1d1t1cv**

The above URL will fetch stock data of Google, Apple, Microsoft and Yahoo.

It will fetch data for the following parameters:-

s = Symbol

n = Name

l1 = Last Trade (Price Only)

d1 = Last Trade Date

t1 = Last Trade Time

c = Change and Percent Change

v = Volume

**FIND STOCK SYMBOLS FOR ANY COMPANY**

All industry list is present here: <http://biz.yahoo.com/ic/ind_index.html>

You can click on any industry sector from the list and see the stock symbol for industries.

**FIND COMPLETE LIST OF PARAMETERS**

Complete list of parameters that can be fetched from Yahoo.

a – Ask

a2 – Average Daily Volume

a5 – Ask Size

b – Bid

b2 – Ask (Real-time)

b3 – Bid (Real-time)

b4 – Book Value

b6 – Bid Size

c – Change and Percent Change

c1 – Change

c3 – Commission

c6 – Change (Real-time)

c8 – After Hours Change (Real-time)

d – Dividend/Share

d1 – Last Trade Date

d2 – Trade Date

e – Earnings/Share

e1 – Error Indication (returned for symbol changed / invalid)

e7 – EPS Est. Current Year

e8 – EPS Est. Next Year

e9 – EPS Est. Next Quarter

f6 – Float Shares

g – Day’s Low

g1 – Holdings Gain Percent

g3 – Annualized Gain

g4 – Holdings Gain

g5 – Holdings Gain Percent (Real-time)

g6 – Holdings Gain (Real-time)

h – Day’s High

i – More Info

i5 – Order Book (Real-time)

j – 52-week Low

j1 – Market Capitalization

j3 – Market Cap (Real-time)

j4 – EBITDA

j5 – Change from 52 Week Low

j6 – Percent Change from 52 Week Low

k – 52-week High

k1 – Last Trade (Real-time) with Time

k2 – Change Percent (Real-time)

k3 – Last Trade Size

k4 – Change from 52 Week High

k5 – Percent Change from 52 Week High

l – Last Trade (with time)

l1 – Last Trade (without time)

l2 – High Limit

l3 – Low Limit

m – Day’s Range

m2 – Day’s Range (Real-time)

m3 – 50 Day Moving Average

m4 – 200 Day Moving Average

m5 – Change from 200 Day Moving Average

m6 – Percent Change from 200 Day Moving Average

m7 – Change from 50 Day Moving Average

m8 – Percent Change from 50 Day Moving Average

n – Name

n4 – Notes

o – Open

p – Previous Close

p1 – Price Paid

p2 – Change in Percent

p5 – Price/Sales

p6 – Price/Book

q – Ex-Dividend Date

r – P/E Ratio

r1 – Dividend Pay Date

r2 – P/E (Real-time)

r5 – PEG Ratio

r6 – Price/EPS Est. Current Year

r7 – Price/EPS Est. Next Year

s – Symbol

s1 – Shares Owned

s7 – Short Ratio

t1 – Last Trade Time

t6 – Trade Links

t7 – Ticker Trend

t8 – 1 Year Target Price

v – Volume

v1 – Holdings Value

v7 – Holdings Value (Real-time)

w – 52 Week Range

w1 – Day’s Value Change

w4 – Day’s Value Change (Real-time)

x – Stock Exchange

y – Dividend Yield

### **PHP CODE TO FETCH STOCK DATA FROM YAHOO! FINANCE**

I have made two files for this purpose. The class file contains class and function to fetch the required data. And the usage file contains code to display it. I have written enough comments in the code for better understanding.