



# TODAY'S TOP 3 TRADES

Aug 30, 2022

**INDICES (NASDAQ100, VIX) + TODAY'S TOP TRADE (COCOA)**

## NASDAQ100 (NQ)

Nasdaq100 (NQ)'s Dead Cat Bounce appears to have ended at the 50% Fib retrace of the January to June slide, giving back roughly half of the late June to mid August rebound. Although the Nasdaq100 (NQ) is trying to form a weekly Doji, attempting to halt the slide from the August high, NQ is unlikely before Friday to reclaim last week's high. Odds are elevated for an extension of the downtrend (on the weekly chart) and test of the 2022 low by mid-September. Volatility will rise with today's 10am EST US CB consumer confidence, JOLTS job openings, Wednesday's US ADP non-farm employment change, Thursday's US ISM manufacturing PMI and Friday's highly anticipated US Non-Farm Payrolls and unemployment rate. Watch as usual for any signs of escalation in the Ukraine-Russia conflict. [Congratulations to Premium Subscribers who benefited from the Jan 18, 2022 warning of the NQ keeling over on a monthly chart, the alert February 18th, 2020 one day before the record high in the S&P500, warning of a pending slide in the Nasdaq100 and from the March 24th, 2020 report highlighting the looming multi-day to multi-week rebound in NQ.](#) The weekly RSI and Stochastics are tiring, weighing on the neutral weekly MACD. I am looking to enter short in the red zone (of the daily chart), targeting the green zone for Monday. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter).

### Weekly/Daily/4hr



Darren Chu, CFA  
 Founder  
 Tradable Patterns



Join the world's largest asset manager and 2 of the world's 5 largest (and 5 of the 10 largest) hedge funds by AUM as daily readers of [Tradable Patterns' technical analysis](#). As seen on Bloomberg, Refinitiv, Factset, Interactive Brokers, readers include global top 10 investment banks. **If you represent an institutional investor or potential distribution partner, write to [info@tradablepatterns.com](mailto:info@tradablepatterns.com) to request Bloomberg, Refinitiv and Factset readership reports.**



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## VIX (VX)

The VIX (VX) is consolidating yesterday's gains just above descending wedge resistance (on the weekly chart). Today's 10am EST US CB consumer confidence, JOLTS job openings, Wednesday's US ADP non-farm employment change and Thursday's US ISM manufacturing PMI could send the VX above downchannel resistance (on the daily and weekly chart) but any more decisive break would have to likely wait until following Friday's highly anticipated US Non-Farm Payrolls and unemployment rate. Odds are low for a retest of the August low in September. Watch as usual for any signs of escalation in the Ukraine-Russia conflict. [Congratulations to premium subscribers who benefited from the March 17, 2020 warning of the pending slide in the VX, one day before its record high on the front month contract](#), or more recently from the [Nov 30, 2021 alert of the growing probability of a rebound in the VIX](#) and repeated [Jan 18, 2022](#). The weekly and daily RSI, Stochastics and MACD are bottoming or consolidating recent gains. I am looking to enter long in the green zone (of the daily chart), targeting the red zone for Monday. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter).

## Weekly/Daily/4hr



## COCOA (CC)

Cocoa (CC) edged higher yesterday closing just below triangle resistance (on the daily chart). With last week's weekly Hammer refusing Wednesday to slide back to the July low, and CC having closed on a weekly basis above the psychologically key 2400 whole figure level, odds are elevated for a break this week above triangle resistance (on the daily chart) and downchannel resistance (on the weekly chart). [Congratulations to readers who benefited from the Aug 9, 2021 alert of CC's increasing bounce momentum](#), and from [the major trend reversal opportunity highlighted Jul 23, 2020](#) and again on [Nov 13, 2020](#). The weekly, daily and 4hr RSI, Stochastics and MACD are bottomish, rallying or consolidating recent gains. I am flat after profitably closing longs yesterday, and am looking to re-enter long in the green zone (of the daily chart), targeting the red zone for Monday. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter).

### Weekly/Daily/4hr

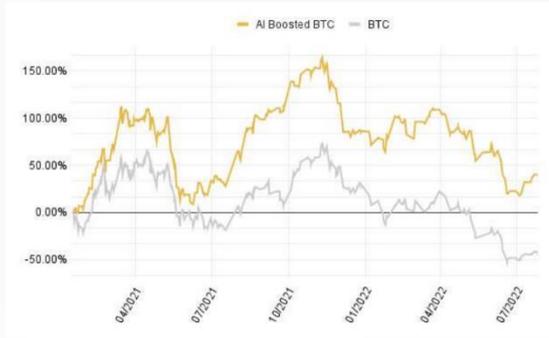


Write to [info@tradablepatterns.com](mailto:info@tradablepatterns.com) to learn about how Institutional/Accredited Investors can gain exposure to a Singapore (MAS)-regulated Multi-Strategy fund that provides access to:

- 1) Neural network AI-based crypto exposure
- 2) Deeply discounted listed tokens
- 3) High growth Seed to Series B stage equity and convertible debt opportunities within tech (mostly blockchain/crypto-related)
- 4) Difficult to access Seed stage token rounds for blockchain/crypto startups w/ strong management teams and product-market fit

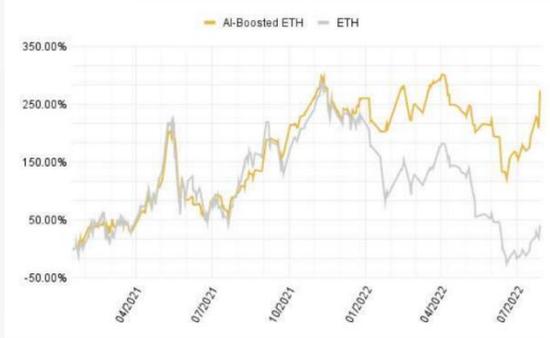
**BTC** 15.01.2021 - 25.07.2022  
(18 months, 10 days)

**+38.05%** AI  
**-44.93%** BTC



**ETH** 15.01.2021 - 30.07.2022  
(18 months, 15 days)

**+269.04%** AI  
**+39.34%** ETH



**20+ months**

Track Record Since  
Nov 2020

**120+**

Customers  
Worldwide

**\$311.5M**

Aggregated Trading  
Volume





**ETH:BUSD**  
Mar 24 – Jul 23, 2021  
[Read details](#)

### ROI

Duration  
**122 Days**

Trades Made  
**227**

Market Returns:  
**+17.55%**

Difference:  
**+55.29%**

AI Returns:  
**+72.84%**

Excess returns / month:  
**+13.54%**

### Drawdown

Market Drawdown:  
**-58.34%**

AI Drawdown:  
**-35.72%**



**LTC:USDT**  
Jan 13, 2022 – ...

### ROI

Duration  
**>172 Days**

Trades Made  
**154**

Market Returns:  
**-64.51%**

Difference:  
**+76.80%**

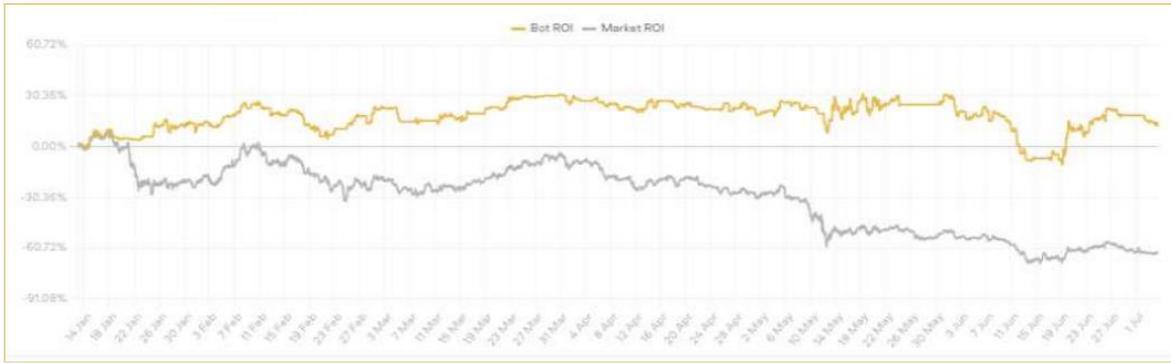
AI Returns:  
**+12.29%**

Excess returns / month:  
**+13.35%**

### Drawdown

Market Drawdown:  
**-70.15%**

AI Drawdown:  
**-29.92%**



## AI Performance: More Examples



**XMR:USDT**  
Feb 22 – Jun 20, 2021  
[Read details](#)

Duration  
**123 Days**

Trades Made  
**143**

Market Returns:  
**+14.06%**

Difference:  
**+159.01%**

Strategy Returns:  
**+173.07%**



**ETH:BUSD**  
Mar 24 – Jul 23, 2021  
[Read details](#)

Duration  
**122 Days**

Trades Made  
**227**

Market Returns:  
**+17.55%**

Difference:  
**+55.29%**

Strategy Returns:  
**+72.84%**



**TRX:USDT**  
Jan 10, 2022 – ...  
[Read details](#)

Duration  
**>160 Days**

Trades Made  
**94**

Market Returns:  
**-13.08%**

Difference:  
**+42.39%**

Strategy Returns:  
**+29.31%**





LTC:USDT  
Jan 28, 2022 – ...

Duration  
**>146 Days**

Trades Made  
**119**

Market Returns: Strategy Returns:  
**-50.74%** **+14.29%**

Difference: **+65.03%** Excess returns / month:  
**+13.54%**



BTC:USD  
Mar 23 – Jul 21, 2021

Duration  
**124 Days**

Trades Made  
**279**

Market Returns: Strategy Returns:  
**-42.55%** **+28.42%**

Difference: **+70.97%** Excess returns / month:  
**+17.74%**



We use machine learning to create trading signals and generate consistent alpha (market outperformance) since 2020.

### Strategies Summary

- 9 active models based on AI/ML
- Trades spot (live since Nov 2020) and futures (in testing, ETA Dec 2022)
- Trades highly liquid markets (BTC, ETH, BNB, etc.)
- Model input: Market data (OHLCV)
- Model output: BUY/SELL/HOLD + % portfolio
- Trade frequency: 4-10 trades per week (8-10x AUM/mo)

### Technology Summary

- Developed in-house, proprietary
- Not a rule-based algo
- Cutting edge neural network architectures (LSTM, GRU, Performer (Transformer), GMLP, Filter)
- Self-learning and adaptive (uses reinforcement learning)
- Scalable to other markets
- Difficult to replicate

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Price	Quantity	Total BTC
59,003.69	0.0200	9.6537
59,000.60	0.0050	9.6337
59,000.49	0.0002	9.6287
58,999.76	4.0154	9.6285
58,900.00	3.0778	5.6131
58,867.67	1.9545	2.5352
58,849.10	0.0191	0.5806
58,846.99	0.1219	0.5614
58,846.98	0.0750	0.4395
58,836.37	0.0196	0.3645
58,821.74	0.0202	0.3449
58,788.47	0.0408	0.3247
58,769.79	0.0837	0.2839
58,763.99	0.2002	0.2002
<b>Spread</b>	<b>\$33.70</b>	
58,730.29	0.0837	0.0837
58,719.92	0.2002	0.2839
58,697.04	0.0200	0.3039
58,690.69	0.1553	0.4592
58,684.91	0.0219	0.4811
58,684.90	0.0198	0.5009
58,661.34	0.0410	0.5419
58,661.05	0.0002	0.5421
58,660.40	0.0002	0.5424
58,659.56	0.0002	0.5426
58,658.27	0.0025	0.5451
58,657.56	0.0004	0.5455
58,654.49	0.0010	0.5465
58,654.25	0.0100	0.5565

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# CRYPTO WEEKLY OUTLOOK

Feb 13, 2022

**TOP50's TOP10 (BTCUSD, XTZUSD, XRPUSD, ETHUSD, FTTUSD, CROUSD, SANDUSD, MANAUSD, AVAXUSD, TRXUSD)**

## BITCOIN (BTCUSD) Daily



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**Crypto Weekly Outlook** offers technical Analysis for 10 coins from the top 50 in market cap that are most interesting for the coming week from a TA standpoint.

If you represent an institution and are interested in Fundamental analysis on ETHUSD, BTCUSD and on the industry, please write to [info@tradablepatterns.com](mailto:info@tradablepatterns.com) for the institutional edition available each last Sunday of each month.

[Sample from report \(Nov 28, 2021\) right before a deepening in the crypto market correction.](#)



## CRYPTO WEEKLY OUTLOOK

ETHEREUM + INDUSTRY FUNDAMENTALS + BITCOIN + RIPPLE

### ETHEREUM (ETHUSD)

Nov 28, 2021

Ethereum (ETHUSD) is deepening in its correction, and appears poised to slide further this week. Significantly, ETHUSD is at high risk of exceeding the September pullback in magnitude, following in Bitcoin (BTCUSD)'s footsteps. The current 2 week downturn is testing the psychologically key 4k whole figure level, and appears to be gravitating towards an uptrend support line (on the weekly chart) connecting the July and September lows. Odds are elevated for a test of the 50% Fib retrace of the July to October rally sometime in December. ETHUSD's correlation to BTCUSD (on a weekly chart) is at 0.95, near the upper end of its 5 year range. [Congratulations to readers alerted August 1st of the completion of the major June-July bottom](#), and to those who heeded [the warning May 16th of the major top forming](#). The weekly RSI, Stochastics and MACD are tiring, weighing on the attempting to bottom daily RSI and Stochastics. I am likely going to remain flat this week but would consider going long in the 3000-3300 range, targeting a 3000-4000 range for December.

#### Weekly (Liquid)



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# EQUITIES

Latest trades published for Premium Members Aug 25th.

Past Signals (from Jun '20 launch to Nov '20)

ID	Equity/ETF	Exchange	Symbol (Click for Details)	Long or Short	Entry Date	Target Entry Range	Entry Price *	Target Take Profit Range (msy)	Stop Loss	Trade Timeframe	Exit Date	Exit Price **	P&L (%)	Average P&L (%) for Trades to Date
2	TSLA	Nasdaq	<a target='_new' href='\"#\">TSLA	Short	Jun 15	930-950	940	760-800	980	1-3 weeks	Jun 15 (for those who closed position)	980	-4.3% = (940 - 980) / 940	-4.3%
3	FB	Nasdaq	<a target='_new' href='\"#\">FB	Short	Jun 15	230-235	232.5	200-210	245	1-3 weeks	Jun 23 (for those who closed position)	245	-5.4% = (232.5 - 245) / 232.5	-4.8%
4	GOOG	Nasdaq	<a target='_new' href='\"#\">GOOG	Short	Jun 15	1395-1415	1405	1300-1330	1440	1-3 weeks	Jun 16 (for those who closed position)	1440	-2.4% = (1405 - 1440) / 1405	-4.0%
5	TSLA	Nasdaq	<a target='_new' href='\"#\">TSLA	Short	Jun 24	970-1000	960.85	800-900	1020	1-3 weeks	Jun 30 (for those who closed position)	1020	-6.2% = (960.85 - 1020) / 960.85	-4.6%
6	FB	Nasdaq	<a target='_new' href='\"#\">FB	Short	Jun 24	235-240	234.02	210-220	245	1-3 weeks	Jun 29	220.64	5.7% = (234.02 - 220.64) / 234.02	-2.5%
7	SPG	NYSE	<a target='_new' href='\"#\">SPG	Long	Jun 30	64-67	68.13	75-80	60	2-3 weeks	Jul 9 (for those who closed position)	60	-11.9% = (60 - 68.13) / 68.13	-4.1%
8	CCL	NYSE	<a target='_new' href='\"#\">CCL	Long	Jun 30	15-16.5	16.78	19.3-21	14.5	2-3 weeks	Jul 8 (for those who closed position)	14.5	-13.6% = (14.5 - 16.78) / 16.78	-5.4%
9	ETES	NYSE	<a target='_new' href='\"#\">ETES	Long	Jun 30	16-16.8	16.83	18.3-19.2	15.5	2-3 weeks	Jul 10 (for those who closed position)	15.5	-7.9% = (15.5 - 16.83) / 16.83	-5.7%
10	IMAR	NYSE	<a target='_new' href='\"#\">IMAR	Long	Jun 30	80-86	86.6	91-93 (updated Jul 14)	91 (updated Jul 14)	2-3 weeks	Jul 16	91	5.1% = (91 - 86.6) / 86.6	-4.5%
11	NLCH	NYSE	<a target='_new' href='\"#\">NLCH	Long	Jun 30	15-16.4	16.56	17 (updated Jul 16)	16 (updated Jul 16)	2-3 weeks	Jul 16	16	-3.4% = (16 - 16.56) / 16.56	-4.4%
12	GOOG	Nasdaq	<a target='_new' href='\"#\">GOOG	Short	Jul 31	1480-1500 (don't close if this happens)	1482.96 (closing price on Jul 31)	1350-1400	1510	2-3 weeks	Aug 7 (for those who closed position)	1510	-1.8% = (1482.96 - 1510) / 1482.96	-4.2%
13	AR	NYSE	<a target='_new' href='\"#\">AR	Long	Jul 31	3.6-3.9 (don't go above 4)	3.86 (closing price on Jul 31)	3.5-4	3.1	1-2 months	Aug 5	3.77	27.6% = (3.77 - 3.86) / 3.86	-1.6%
14	HTBK	Nasdaq	<a target='_new' href='\"#\">HTBK	Long	Jul 31, Aug 3-5	1.5-2 (don't go above 2)	2.08	3.5-4.5	1 (lowered again on Jul 28)	2-3 months	Stopped @ 1.4 on Jul 28	1	-51.9% = (1 - 2.08) / 2.08	-5.4%
15	RIOT	Nasdaq	<a target='_new' href='\"#\">RIOT	Long	Jul 31	2-2.7 (don't go above 3)	2.64 (closing price on Jul 31)	3-4	2.5	2-3 months	Aug 5	4.01	51.9% = (4.01 - 2.64) / 2.64	-1.3%
16	DBA	NYSE	<a target='_new' href='\"#\">DBA	Long	Jul 31	13.5-14 (don't go above 15)	14.18 (closing price on Jul 31)	14.5-15	13	1-2 months	Sep 4	14.75	4.0% = (14.75 - 14.18) / 14.18	-1.0%
17	PGG	NYSE	<a target='_new' href='\"#\">PGG	Long	Aug 13-18	9-9.75	9.63 (closing price on Aug 13)	12-13	8.5	3-4 months	Nov 24	12.82	33.3% = (12.82 - 9.63) / 9.63	1.2%
18	CHA	NYSE	<a target='_new' href='\"#\">CHA	Long	Aug 13-18	31-33.5	32.57 (closing price on Aug 13)	38-42	26	3-4 months	Jan 4	26	-22.5% = (26 - 32.57) / 32.57	-0.2%
19	CHU	NYSE	<a target='_new' href='\"#\">CHU	Long	Aug 13-18	6-7.5	7.36 (closing price on Aug 13)	8.5-10	5	3-4 months	Jan 8	6.05	-17.1% = (6.05 - 7.36) / 7.36	-1.4%
20	CCL	NYSE	<a target='_new' href='\"#\">CCL	Long	Aug 13-18	14.5-15.5	15.22 (closing price on Aug 13)	20-25	12	2-3 months	Nov 24	20.23	32.9% = (20.23 - 15.22) / 15.22	0.4%
21	HTBK	Nasdaq	<a target='_new' href='\"#\">HTBK	Long	Sep 14-16	1-1.2	1.12 (closing price on Sep 14)	1.8-2	8	1-3 months	Dec 11	8	-28.6% = (8 - 1.12) / 1.12	-1.1%
22	WFC	NYSE	<a target='_new' href='\"#\">WFC	Long	Sep 16-17	25-26	25.71 (closing price on Sep 16)	28-30	21	2-3 months	Oct 28	21	-18.3% = (21 - 25.71) / 25.71	-1.9%
23	AR	NYSE	<a target='_new' href='\"#\">AR	Long	Sep 17-22	2.4-2.9	2.81 (closing price on Sep 17)	3.5-4	2	2-3 months	Oct 10	3.71	27.5% = (3.71 - 2.81) / 2.81	-0.6%
24	TEVA	NYSE	<a target='_new' href='\"#\">TEVA	Long	Sep 17-22	8.7-9.2	9.29 (closing price on Sep 17)	10.5-11	6	1-3 months	Jan 7	11.07	19.2% = (11.07 - 9.29) / 9.29	0.3%
25	SU	NYSE	<a target='_new' href='\"#\">SU	Long	Oct 9	12.5-12.9	12.82 (closing price on Oct 9)	15-18	9	1-3 months	Nov 24	17.67	36.8% = (17.67 - 12.82) / 12.82	1.8%
26	RIOT	Nasdaq	<a target='_new' href='\"#\">RIOT	Long	Oct 9	2.7-3	2.93 (closing price on Oct 9)	3.5-4	2.5	1-3 months	Oct 21	3.98	35.5% = (3.98 - 2.93) / 2.93	3.2%
27	RDSA	NYSE	<a target='_new' href='\"#\">RDSA	Long	Oct 9	25-26.3	26.64 (closing price on Oct 9)	30-35	20	2-3 months	Nov 16	33.2	25.6% = (33.2 - 26.64) / 26.64	4.0%
28	XOM	NYSE	<a target='_new' href='\"#\">XOM	Long	Oct 9	34-35	35.2 (closing price on Oct 9)	40-45	29.5	2-3 months	Nov 24	41.98	19.1% = (41.98 - 35.2) / 35.2	4.6%
29	AR	NYSE	<a target='_new' href='\"#\">AR	Long	Nov 11-13	3.8-4	3.79 (closing price on Nov 11)	4.3-4.5	2.5	1-2 months	Nov 24	4.39	15.8% = (4.39 - 3.79) / 3.79	5.0%
30	NLCH	NYSE	<a target='_new' href='\"#\">NLCH	Long	Nov 11-13	20-20.5	19.52 (closing price on Nov 11)	25-28	12	3-4 months	Dec 4	26.3	34.7% = (26.3 - 19.52) / 19.52	6.0%
31	SPG	NYSE	<a target='_new' href='\"#\">SPG	Long	Nov 11-13	74-75	73.41 (closing price on Nov 11)	90-95	50	3-4 months	Nov 24	88.79	21.0% = (88.79 - 73.41) / 73.41	6.5%
32	TNK	NYSE	<a target='_new' href='\"#\">TNK	Long	Nov 11-13	10.5-11	11.09 (closing price on Nov 11)	14-16	8.5	1-3 months	Feb 16	14.27	28.7% = (14.27 - 11.09) / 11.09	7.2%
33	WFC	NYSE	<a target='_new' href='\"#\">WFC	Long	Nov 11-13	23.5-24.5	24.19 (closing price on Nov 11)	32-34	20	3-4 months	Jan 7	33.43	38.2% = (33.43 - 24.19) / 24.19	8.2%

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I look to explore new long/short trade ideas on Equities with Premium Members with a target of 5 multi-week to multi-month swing trades each month. Premium Members also have access to monthly and weekly chart technical analysis for 5 Equity markets each Saturday.



# COFFEE DAILY

Jan 2, 2022

## ROBUSTA COFFEE (RC)

Robusta Coffee (RC) edged lower Friday, closing 2021 just below the fresh year high. Significantly, with the new year beginning, odds are high after last year's strong bull market for RC to at least see a healthy correction. RC is bumping up against upchannel resistance (on the weekly chart), with some hesitation late last week as seen by the 2 consecutive daily Dojis. Any test of the psychologically key 2500 whole figure level will likely have to wait until at least Feb February. The weekly and daily RSI, Stochastics and MACD are rallying or consolidating recent gains. I am looking at entering long in the green zone of the daily chart (in the ~2270-2330 range), targeting the red zone (of the daily chart in the ~2400-2450 range) for Friday. The amber/yellow zone (in the ~2190-2240 range) is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter).

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