

# STOCK RESEARCH

Period End Date: 12/28/2013 Closing Price as of 01/30/2015: \$31.53

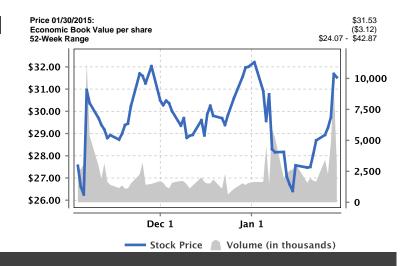
# Kate Spade & Co (KATE)

## NYSE - Consumer Discretionary

#### Investment Recommendation

- We strongly recommend investors sell KATE.
- KATE earns our Very Dangerous rating. See Investment Rating Details below.
- A Very Dangerous rating means this stock has far more downside risk than upside potential.
- KATE ranks in the 8th percentile of the 3000+ stocks we cover.
- 439 out of 471 Consumer Discretionary Sector stocks.

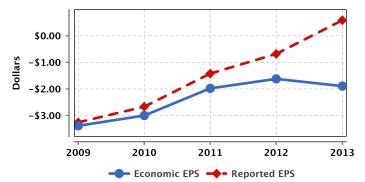
# **Very Dangerous**



# **Investment Rating Details**

Overall Rating	Quality of Earnings		Valuation			
Overall Rating	Economic vs Reported EPS	Return on Invested Capital (ROIC)	FCF Yield	Price-to-EBV Ratio	Growth Appreciation Period (yrs)	
Very Dangerous	Misleading Trend	Bottom Quintile	<-5%	> 3.5 or -1 < 0	> 50	
Dangerous	False Positive	4th Quintile	-5%<-1%	2.4 < 3.5 or < -1	20 < 50	
Neutral	Neutral EE	3rd Quintile	-1%<3%	1.6 < 2.4	10 < 20	
Attractive	Positive EE	2nd Quintile	3%<10%	1.1 < 1.6	3 < 10	
Very Attractive	Rising EE	Top Quintile	>10%	0 < 1.1	0 < 3	
Actual Values	(\$1.89) vs. \$0.58	1.7%	3.9%	(10.10)	101	
S&P 500 (SPY)	Positive EE	21.1%	3.6%	2.09	28	
Russell 2000 (IWM)	Neutral EE	7.6%	(1.2%)	4.66	60	

# Accounting vs Economic Earnings



## **Earnings & Valuation Diligence Summary**

- · KATE's accounting earnings overstate its economic earnings.
- For KATE, we made 33 income statement and balance sheet adjustments to convert accounting earnings to economic earnings in FY13 for a total value of \$2,975 million.
- We made 5 adjustments equal to \$1,168 million in our DCF valuation of the stock.
- KATE ranks 2,710 of all the companies we cover for the number of earnings adjustments and 2,148 for the number of valuation adjustments.
- See Appendices 1 and 2 for details on our adjustments.

Stock Performance		Key Market Statistics		Need Help?
Year to Date Last 30 Days Last 60 Days Last 90 Days Last Year	(1.5%) (1.5%) 3.4% 16.2% 11.0%	Enterprise Value (MM) Market Value (MM) Shares Outstanding (thousands) 30 Day Avg Volume (thousands) EBV per Share	\$4,712 \$3,891 123,398 2,295 (\$3.12)	Read Our Blog for Daily Updates  Start Your Membership Today  Get More Ratings  Stock Rating Methodology



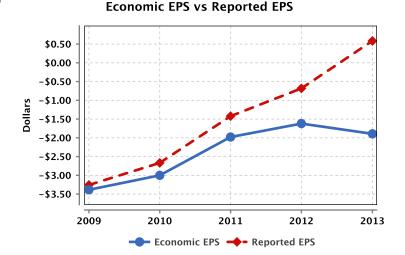
#### **Economic vs Reported Earnings**

#### Economic Earnings are Dangerous

Economic Earnings are almost always meaningfully different than reported earnings. We believe Economic Earnings provide a truer measure of profitability and shareholder value creation than reported earnings because they have been adjusted to remove over twenty accounting distortions.

The majority of data required to reverse accounting distortions is available only in the Footnotes and MD&A, which we analyze rigorously. Our core competency is gathering and analyzing all relevant financial data from filings so that we can deliver earnings analysis that best represents the true profitability of businesses.

Economic Earnings per share (EEPS) for KATE are (\$1.89) for the last fiscal year and earn a Dangerous rating.



#### **Return on Invested Capital (ROIC)**

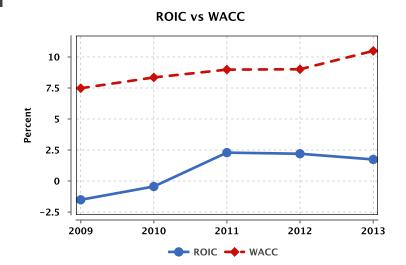
# ROIC vs WACC is Very Dangerous

<u>ROIC</u> measures a company's return on all cash invested in the business. It is the truest measure of profitability. Stock valuations are more highly correlated to ROIC than any other metric.

Weighted-Average Cost of Capital (WACC) is the average of debt and equity capital costs that all publicly traded companies with debt and equity stakeholders incur as a cost of operating.

Companies must earn an ROIC greater than WACC to generate positive economic earnings and create value for shareholders.

KATE's ROIC of 1.7% compared to its WACC of 10.5% in the last fiscal year earns a Very Dangerous rating.



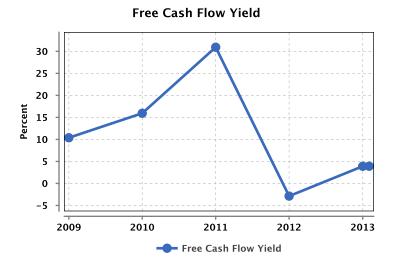
#### Free Cash Flow Yield (FCF Yield)

#### Free Cash Flow Yield is Attractive

<u>Free Cash Flow</u> reflects the amount of cash free for distribution to all stakeholders (including debt & equity). FCF Yield divides free cash flow by <u>enterprise value</u>.

Using Free Cash Flow Yield to pick stocks is not a new strategy. However, our strategy yields superior results because we use a better measure of Free Cash Flow. In the same way our Economic EPS are better measures of profitability than reported EPS, our measure of Free Cash Flow is better than traditional accounting-based Free Cash Flow.

KATE's current FCF is \$184 million. The FCF Yield is 3.9% and earns an Attractive rating.





#### Price-to-EBV Ratio

## Price-to-EBV Ratio is Dangerous

<u>Price-to-Economic Book Value</u> (EBV) measures the difference between the market's expectations for future profits and the no-growth value of the stock.

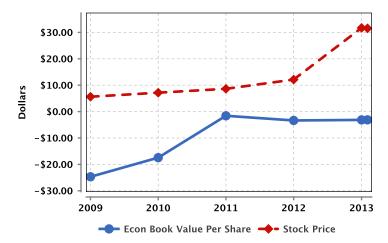
EBV measures the no-growth value of the company based on the company's current Net Operating Profit After Tax (NOPAT).

When prices are higher than EBV, the market predicts the NOPAT of the company will increase and expectations for profit growth are reflected in the stock. If the stock price equals EBV, the market predicts NOPAT will remain the same and there are no expectations for profit growth reflected in the stock. When stock prices are lower than EBV, the market predicts NOPAT will decrease and expectations for permanent profit decline are reflected in the stock.

In general, we like to buy stocks with low expectations for profit growth and sell/short stocks with high expectations for profit growth.

KATE's current Price-to-EBV per share is (10.1) and earns a Dangerous rating.

#### Stock Price vs Economic Book Value (EBV) Per Share



#### **Growth Appreciation Period**

# The Growth Appreciation Period is Very Dangerous

The market-implied duration of profit growth or GAP measures the number of years the company must maintain an edge over its competitors by earning ROIC greater than the weighted-average cost of capital on new investments.

We believe KATE embeds a Very Dangerous level of market expectations because there is a very large difference between the expected financial performance implied by its market price and the company's historical performance.

At KATE's current stock price of \$31.53, the market is expecting revenue to grow at 6.7% for more than 100 years. Over this period, KATE is also expected to generate an average Economic Earnings Margin of 89.8%.

These results are derived using our <u>dynamic discounted cash</u> <u>flow model</u>.

Histor	ical Perforn	Market Expectations	
5 Yr	3Yr	Last FY	Default
	•		based on current price
\$5.63	\$8.63	\$31.71	\$31.53
(19.5%)	(8.7%)	(16.0%)	6.7%
(8.0%)	(7.4%)	(8.8%)	89.8%
-	-	-	> 100 years
	5 Yr \$5.63 (19.5%)	5 Yr 3Yr \$5.63 \$8.63 (19.5%) (8.7%)	\$5.63 \$8.63 \$31.71 (19.5%) (8.7%) (16.0%) (8.0%) (7.4%) (8.8%)

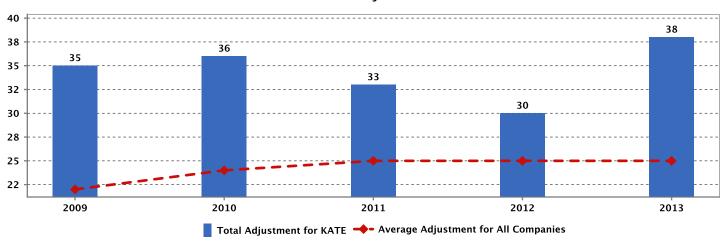


# **Protecting You From Misleading Accounting Loopholes**

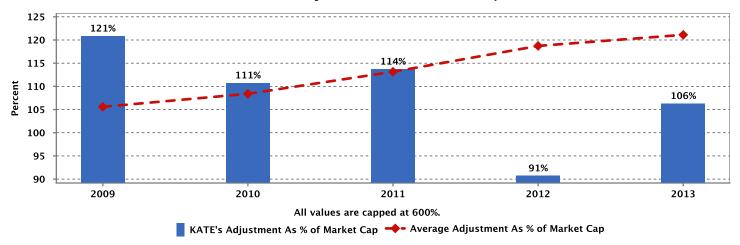
Our experts know where the (accounting) bodies are buried. Since 1996, we have combed through 70,000+ corporate filings. We know how to find what companies may try to hide. We protect clients from the constantly changing landscape of accounting loopholes and hidden items buried deep in footnotes, the Management Discussion & Analysis ("MD&A") and other disclosures. Our experts review thousands of pages of corporate disclosures and filings to ensure that you have the best possible research on earnings quality and valuation.

Values in millions	2009	2010	2011	2012	2013
Total Adjustments Summary for Kate Spade & Co					
Number of Adjustments	35	36	33	30	38
Average for all companies	22	24	25	25	25
Total Value of Adjustments	\$4,710	\$4,316	\$4,432	\$3,535	\$4,143
Total Value of Adjustments as % of market cap	121%	111%	114%	91%	106%
Average for all companies	106%	108%	113%	119%	121%

## **Number of Adjustments**



#### \$ Value of Adjustments As % of Market Cap





#### **Income Statement Adjustments**

We made 15 adjustments to convert Kate Spade & Co's reported 2013 earnings to NOPAT, for a net impact of \$27 million. We net 4 income adjustments of \$188 million against 11 expense adjustments of \$160 million.

15% of companies require more adjustments to reported earnings as a percent of revenue than KATE to calculate NOPAT.

The most notable accounting distortion to reported Net Income for KATE in 2013 is \$37 million (3% of revenue) of write-downs of assets hidden in operating line items. These asset write-downs are unusual charges that don't appear on the income statement because they are bundled in other line items. Without careful footnotes research, investors would never know that these non-recurring items distort operating earnings.

Our adjustments to reported earnings enable us to calculate an accurate NOPAT, a key component of our ROIC and economics earnings calculations. There are, in general, <u>9 types of adjustments that we make to convert reported net income to NOPAT</u>. NOPAT is the after-tax operating cash generated by the business, excluding unusual items, financing costs and other non-cash items.

#### **Balance Sheet Adjustments**

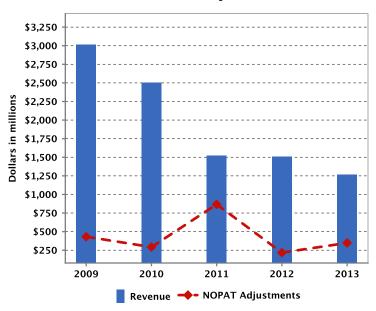
We made 18 adjustments to convert Kate Spade & Co's reported 2013 net assets to Invested Capital, for a net impact of \$2,087 million. We net 5 asset decrease adjustments of \$270 million against 13 increase adjustments of \$2,357 million.

2% of companies require more adjustments than KATE to calculate Invested Capital.

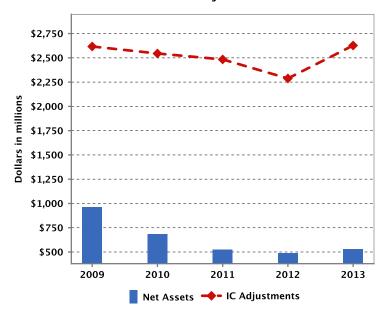
The most notable accounting distortion to reported net assets for KATE in 2013 is \$1,696 million in adjustments for asset write downs, which is 319% of reported net assets. Write-downs allow management to erase assets from the balance sheet, which inflates any return on asset/capital metric. Therefore, we add back asset write-downs (after tax) to our measure of invested capital.

Our adjustments to reported net assets enable us to calculate an accurate <a href="Invested Capital">Invested Capital</a>, a key component of our ROIC and economics earnings calculations. There are, in general, <a href="12">12</a> types of adjustment that we make to convert reported net assets to <a href="Invested Capital">Invested Capital</a>. Invested Capital is the sum of all cash that has been invested in a company over its life without regard to financing form or accounting name.

# **Income Statement Adjustments**



#### **Balance Sheet Adjustments**





## Stock Valuation Adjustments

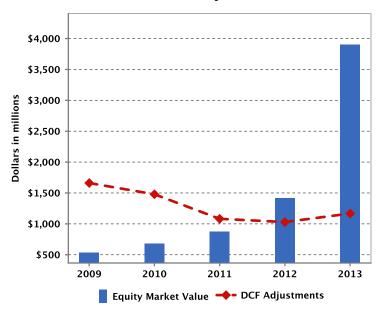
We made 5 adjustments for a net impact of \$822 million to our DCF model for Kate Spade & Co in 2013. 3 adjustments decrease value by \$995 million and 2 adjustments increase value by \$173 million.

53% of companies require more adjustments as a percent of market value to calculate valuation metrics.

The most notable accounting distortion to these valuation metrics for KATE in 2013 was off-balance-sheet operating leases. We adjusted shareholder value by \$423 million, which is 11% of the firm's market value. The fair value of operating leases is subtracted from shareholder value because this is the value of cash that will be paid on these obligations and not available to shareholders.

Our valuation adjustments protect clients from unknowns that could blow stocks up. These adjustments enable us to derive more accurate calculations for <a href="Economic Book Value">Economic Book Value</a>, <a href="Enterprise Value">Enterprise Value</a> and our <a href="Discounted Cash Flow Model">Discounted Cash Flow Model</a>. There are, in general, <a href="10">10</a> types of adjustments that we apply to our valuation metrics.

#### Stock Valuation Adjustments





# **Appendix 1: Adjustments for Economic Earnings**

Reported earnings don't tell the whole truth of a company's profits. We scour the footnotes and fine print so clients have the whole truth. Full details on our adjustment methodologies are <a href="here">here</a>. See our <a href="Company Models tutorials">Company Models</a> tutorials to learn how you can modify adjustments and see where we find them in SEC filings.

Values in millions	2009	2010	2011	2012	2013
Income Statement Adjustments					
GAAP Net Income	(\$305.73)	(\$251.47)	(\$171.69)	(\$74.50)	\$72.99
Total Non-Operating Expense Hidden in Operating Earnings	\$168.11	\$89.54	\$138.93	\$61.78	\$55.57
Reported Net Non-Operating Items	\$86.10	\$36.12	(\$234.21)	\$21.54	(\$111.41)
Change in Total Reserves	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Implied Interest for PV of Operating Leases	\$75.58	\$69.05	\$37.68	\$36.47	\$32.22
Non-Operating Tax Adjustment	(\$89.12)	\$12.04	(\$23.02)	(\$2.92)	(\$4.61)
Net After-Tax Non-Operating Expense/(Income)	\$11.67	\$30.48	\$316.44	\$15.05	\$0.93
NOPAT	(\$53.39)	(\$14.22)	\$64.13	\$57.42	\$45.69
Balance Sheet Adjustments					
Total Assets (unadjusted)	\$1,605.90	\$1,257.66	\$950.00	\$902.52	\$977.51
Total Current/Investment Liabilities	(\$642.55)	(\$572.88)	(\$426.97)	(\$415.85)	(\$445.24)
Reported Net Assets	\$963.35	\$684.78	\$523.03	\$486.67	\$532.27
Short-Term Debt	\$188.71	\$145.00	\$99.81	\$61.62	\$37.55
Excess Cash	(\$0.00)	(\$0.00)	(\$104.00)	(\$0.00)	(\$66.98)
Total Reserves	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Unconsolidated Subsidiary Assets (non-operating)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Discontinued Operations Adjustment	(\$15.07)	\$0.00	\$0.00	\$0.00	(\$105.68)
Deferred Compensation Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deferred Tax Adjustment	(\$1.18)	(\$2.24)	(\$0.15)	(\$1.21)	(\$0.27)
Over Funded Pensions (Asset)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Off-Balance-Sheet Operating Leases	\$907.35	\$812.40	\$461.17	\$507.27	\$422.85
Accumulated Unrecorded Goodwill	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Accumulated Goodwill Amortization	\$12.70	\$12.70	\$12.70	\$12.70	\$12.70
Accumulated Asset Write-Downs After-Tax	\$1,268.60	\$1,316.93	\$1,561.96	\$1,611.03	\$1,696.48
Accumulated OCI (Other Comprehensive Income)	\$69.37	\$66.30	\$5.92	\$10.07	\$20.88
Invested Capital	\$3,393.83	\$3,035.87	\$2,560.44	\$2,688.15	\$2,549.79
Average Invested Capital	\$3,532.88	\$3,214.85	\$2,798.16	\$2,604.35	\$2,618.97

# Appendix 2: Adjustments for our Discounted Cash Flow Model, Economic Book Value, and Enterprise Value Calculations

We use a <u>dynamic discounted cash flow (DCF) model</u> to quantify the market expectations for future cash flows in stock prices. This approach, also known as "expectations investing" or "reverse DCF", is the most transparent and objective approach to valuing stocks. More in our <u>DCF model video tutorial</u>.

Values in millions	2009	2010	2011	2012	2013	Current
Excess Cash	\$0.00	\$0.00	\$104.00	\$0.00	\$66.98	\$66.98
Net Assets from Discontinued Operations	\$15.07	\$0.00	\$0.00	\$0.00	\$105.68	\$105.68
Net Deferred Tax Liability	(\$25.12)	(\$30.54)	(\$13.60)	(\$19.82)	(\$16.35)	(\$16.35)
Net Deferred Compensation Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fair Value of Unconsolidated Subsidiary Assets (non-op)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fair Value of Total Debt	(\$1,612.21)	(\$1,433.72)	(\$942.55)	(\$979.71)	(\$869.81)	(\$869.81)
Fair Value of Preferred Capital	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Fair Value of Minority Interests	(\$3.33)	(\$2.49)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Value of Outstanding ESO After-Tax	(\$5.43)	(\$12.10)	(\$21.48)	(\$29.85)	(\$108.69)	(\$107.88)
Pensions Net Funded Status	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Valuation Adjustments	(\$1,631.01)	(\$1,478.85)	(\$873.63)	(\$1,029.38)	(\$822.19)	(\$821.38)



# **Appendix 3: Explanation of New Constructs' Stock Ratings**

# **Ratings**

In-depth risk/reward analysis underpins our stock rating. Our stock rating methodology grades every stock according to what we believe are the 5 most important criteria for assessing the quality of a stock. Each grade reflects the balance of potential risk and reward of buying that stock. Our analysis results in the 5 ratings described below. Very Attractive and Attractive correspond to a "Buy" rating, Very Dangerous and Dangerous correspond to a "Sell" rating, while Neutral corresponds to a "Hold" rating.

Overall Rating	Quality of Earnings		Valuation			
	Economic vs Reported EPS	Return on Invested Capital (ROIC)	FCF Yield	Price-to-EBV Ratio	Growth Appreciation Period	
Very Dangerous	Misleading Trend	Bottom Quintile	< -5%	> 3.5 or -1 < 0	> 50	
Dangerous	False Positive	4th Quintile	-5% < -1%	2.4 < 3.5 or < -1	20 < 50	
Neutral	Neutral EE	3rd Quintile	-1% < 3%	1.6 < 2.4	10 < 20	
Attractive	Positive EE	2nd Quintile	3% < 10%	1.1 < 1.6	3 < 10	
Very Attractive	Rising EE	Top Quintile	> 10%	0 < 1.1	0 < 3	

# Ratings

Economic earnings and return on capital metrics are significantly more accurate when as-reported financial statements have been adjusted to reverse accounting distortions and Red Flags. The majority of the data required to reverse accounting distortions is available only in the Notes to the Financial Statements, which we analyze rigorously. Our core competency is gathering and analyzing all relevant financial data (from the Financial Statements and Notes) so that we can deliver earnings analysis that best represents the true profitability of businesses. See the figure below for a list of the Red Flag adjustments we make to a company's reported GAAP profits in order to reverse accounting distortions and arrive at a better measure of a firm's profits.

# Accounting Issues and Red Flags that Distort GAAP

- Employee Stock Options
- · Pension Over/Under Funding
- Excess Cash
- Restructuring Charges
- · Pooling Goodwill
- · Minority Interests
- · Discontinued Operations
- Preferred Stock
- · Mid-Year Acquisitions

- · Off-Balance-Sheet Financing
- LIFO Reserve
- Unrealized Gains/Losses
- Goodwill Amortization
- Unconsolidated Subsidiaries
- Capitalized Expenses
- Deferred Compensation
- Net Deferred tax Assets and Liabilities

# New Constructs® - Profile

Incorporated in July 2002, New Constructs is an independent publisher of investment research that provides clients with consulting and research services. We specialize in quality-of-earnings, forensic accounting and discounted cash flow valuation analyses for all U.S. public companies.

#### How New Constructs Creates Value for Clients

- Superior Recommendations Our stock-picks consistently outperform. See our track record in our <u>stock-picking accolades</u> and <u>Proof Is In</u> Performance reports.
- 2. **More Accurate Research** Our <u>patented Research Platform</u> for <u>reversing accounting distortions</u> and <u>discounted cash flow analysis</u> leverages better data to deliver smarter research.
- 3. **Time Savings** We check the fine print in thousands of corporate filings so you don't have to. As reported by <u>Barron's</u>, our expertise in analyzing SEC filings delivers <u>Hidden Gems</u> and <u>Red Flags</u> that drive long-term stock-picking success.
- 4. **Transparency** We are proud to share the results of our analysis of over 50,000 10-Ks. See the <u>Corporate Disclosure Transgressions</u> report we provided to the SEC. Our reports detail all data and assumptions. Company Models enable users to change them.
- 5. **Objectivity** New Constructs is an independent research firm, not tied to Wall Street or investment banking services. See our <u>presentation to the Senate Banking Committee</u>, the SEC and many others in DC.

# Our Philosophy About Research

Accounting data is not designed for equity investors, but for debt investors. Accounting data must be translated into economic earnings to understand the profitability and valuation relevant to equity investors. Respected investors (e.g. Adam Smith, Warren Buffett and Ben Graham) have repeatedly emphasized that accounting results should not be used to value stocks. Economic earnings are what matter because they are:

- 1. Based on the complete set of financial information available.
- 2. Standard for all companies.
- 3. A more accurate representation of the true underlying cash flows of the business.

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