



# Как перекрасить бегемота

Алексей Гапонов

Devexperts



**Account Info**

Option Buying Power N/A

Forex Buying Power \$303.95

Net Liq & Day Trades \$192,478.65

Cash & Sweep Vehicle N/A

**S&P 100**

Symbol	▲ Last	Net Ch...	▲	Bid	Ask
SP	5.9	-1	h	5.91	5.94
RF	9.43	-16	h	9.4	9.44
DELL	9.52	0		9.51	9.52
AVP	11.41	.17		11	11.98
XRFX	12.39	-15	h	12.35	12.43
IF	13.54	-25	h	13.53	13.55
IAA	14.49	-22	h	14.48	14.49
NVSA	14.64	-47		14.6	16.52
BAC	16.4	-08	h	16.4	16.41
CSCO	22.93	-41	h	22.9	22.93
GE	23.95	-32	h	23.93	23.95
EMC	27.54	-44		27.04	27.63
PFE	28.47	-66		28.49	28.5
FCX	30.72	.06	h	30.63	30.73
INTC	31.47	-44	h	31.45	31.49
WY	32.12	.12		32.04	32.13
HPQ	32.69	-81		32.58	32.65
MS	32.85	-09	h	32.82	32.94
T	33.82	-43	h	33.83	33.88
EXC	34.11	-72		34.1	34.17
IBK	36.35	-54	h	36.27	36.37
ORCL	38.23	-13	h	38.12	38.22
USB	39.86	-21	h	39.77	39.86
ABT	40.92	-62		40.81	41.09
TXN	41.93	-81		41.8	42.07
CPB	41.94	-25		41.84	42.08
MSFT	43.65	-38	h	43.61	43.65

**Monitor Trade Analyze Scan MarketWatch Charts Tools Help**

All Products Forex Trader Futures Trader Active Trader Pairs Trader

ES E-mini S&P 500 Index Futures,ETH (MAR 15) ±37.677 B: 1856.75 A: 1857.25 1857.25

**FUTURES** ALL Spread: Calendar Layout: Symbol, Days left

Symbol	Days	Exp	Last X	Net Chng	Bid X	Ask X	Size	Volume	Open	High	Low
./ESZ4	67	DEC 14	1865.00 G	-29.25	1864.75 G	1865.00 G	445 x 275	2,922,224	1892.00	1906.00	1864.75
./ESH5	158	MAR 15	1857.25 G	-29.25	1856.75 G	1857.25 G	74 x 95	5,147	1884.75	1898.00	1857.25
./ESM5	249	JUN 15	1854.25 G	-24.75	1849.00 G	1850.00 G	22 x 22	546	1875.00	1880.00	1852.00
./ESU5	340	SEP 15	1870.00 G	-2.25	1837.25 G	1851.50 G	20 x 20	88	1876.00	1876.00	1870.00
./ESZ5	431	DEC 15	1870.00 G	+3.50	1832.00 G	1846.25 G	20 x 20	3	1866.00	1870.00	1866.00

**OPTION CHAIN** Sides: Put; Spread: Single Layout: Last X, Net Change

Strikes: 4

Exp	Strike	Bid X	Ask X	Last X	Net Chng
PUTS					
▶ OCT 14 (4) 1 ./ESZ4					28.01% (±47.339)
./ESV4	1860	18.75 G	19.00 G	18.75 G	8.50
./ESV4	1865	20.75 G	21.50 G	20.50 G	9.25
./ESV4	1870	23.00 G	23.75 G	23.00 G	10.50
./ESV4	1875	25.25 G	26.25 G	25.50 G	11.50
▶ OCT 14 (11) 1 ./ESZ4 (WK4)					25.96% (±69.227)
▶ OCT 14 (18) 1 ./ESZ4 (EOM)					26.25% (±88.53)
▶ NOV 14 (25) 1 ./ESZ4 (WK1)					24.15% (±95.575)
▶ NOV 14 (32) 1 ./ESZ4 (WK2)					23.19% (±103.527)
./EW2X4	1860	44.50 G	46.00 G	29.00 G	-3.00
./EW2X4	1865	46.50 G	48.00 G	28.75 G	-4.75
./EW2X4	1870	48.50 G	50.00 G	28.75 G	-6.25
./EW2X4	1875	50.50 G	52.00 G	38.00 G	1.50
▶ NOV 14 (39) 1 ./ESZ4					23.98% (±117.999)
▶ NOV 14 (46) 1 ./ESZ4 (EOM)					23.50% (±125.441)
▶ DEC 14 (67) 1 ./ESH5					N/A
▶ DEC 14 (79) 1 ./ESH5 (EOM)					23.01% (±147.998)
▶ JAN 15 (95) 1 ./ESH5					22.52% (±156.564)
▶ JAN 15 (109) 1 ./ESH5 (EOM)					22.41% (±170.834)
▶ JAN 15 (109) 1 ./ESH5 (EOM)					22.34% (±182.438)

thinkorswim: do

**Account Info**

Forex Buying Power	\$89,361,262.64
Net Liq & Day Traders	\$9,241,895.21
Cash & Sweep Vehicle	\$45,348,081.15
Futures Volume MTD	24
Forex Equity	\$89,360,850.74
Forex Unrealized P/L	\$15,408,736.96

**Watchlist Blue Chips**

Symbol	Last	Nt Chg	Bid	Ask
YNDX	21.11	+64	19.92	21.95
SIRI	2.475	0	2.230	2.540
ORCL	31.16	+5	30.95	31.46
NVDA	14.24	+1.2	14.23	14.50
MSFT	30.33	-1.744	30.13	30.58
AAPL	20.63	-27	19.02	24.36
KO	79.65	+45	79.01	80.45
IP	32.74	0	29.06	34.50
YNDX	21.11	+64	19.92	21.95
SIRI	2.475	0	2.230	2.540
ORCL	31.16	+5	30.95	31.46
NVDA	14.24	+1.2	14.23	14.50
MSFT	30.33	-1.744	30.13	30.58
AAPL	20.63	-27	19.02	24.36
KO	79.65	+45	79.01	80.45
IP	32.74	0	29.06	34.50

**Market Depth**

Type symbol in the text box below:

All Products Forex Trader Futures Trader Active Trader

**/CL** Light Sweet Crude Oil Futures, ETH (Dec 22) **79.00** -47 +0.59% B: 76.10 A: N/A

**Futures** All Spread: Calendar

Symbol	Days	Exp	Last X	Net Chng	Bid X	Ask X	Size	Volume	Open	High	Low
/CLK4	12	May 14	103.37 G	-23	103.36 G	101.16 G	14x6	25,759	103.44	103.81	103.15
/CLM4	40	Jul 14	102.44 G	-21	102.48 G	98.55 G	36x4	12,994	102.44	102.84	102.20
/CLN4	71	Jul 14	101.45 G	-23	101.45 G	97.69 G	7x4	3,677	101.41	101.85	101.24
/CLQ4	103	Aug 14	100.33 G	-34	100.52 G	96.79 G	25x4	1,321	100.40	100.76	100.22
=/CLQ4-/CLU4	103/132	Aug 14/Sep 14	1.01 G	0	1.00 G	1.02 G	362x430	309	1.02	1.04	1.00
=/CLQ4-/CLV4	103/165	Aug 14/Oct 14	2.01 G	-0.2	2.01 G	2.03 G	23x58	23	2.00	2.07	2.00
=/CLQ4-/CLX4	103/194	Aug 14/Nov 14	2.96 G	-0.4	2.96 G	2.99 G	22x6	34	2.97	3.06	2.96
=/CLQ4-/CLZ4	103/224	Aug 14/Dec 14	3.93 G	.02	3.86 G	3.67 G	4x1	18	3.87	4.00	3.85
=/CLQ4-/CLF5	103/253	Aug 14/Jan 15	4.84 G	-.03	4.79 G	4.42 G	1x1	0	0	0	0
/CLK4	12	May 14	103.37 G	-23	103.36 G	101.16 G	14x6	25,759	103.44	103.81	103.15

Trade grid

**Option Chain** Type: Reg. Weekly, Mini Sides: Puts Filters: Strikes: 150 - 300

Strikes: 4	Puts			
Strike	Bid X	Ask X	Last X	Net Chng
<b>Sep 23 (5) 100 (Weeklys)</b> 39.85% (± 20.222)				
495	8.05 B	8.25 B	8.20 Q	-1.76
500	10.50 X	10.65 Q	10.52 A	-2.28
505	13.45 Q	13.65 X	13.70 N	-2.25
510	16.65 N	16.95 T	17.20 Q	-2.10
<b>Oct 13 (19) 100 (Weeklys)</b> 39.85% (± 20.222)				
<b>Oct 13 (19) 10 (Mini)</b> 39.85% (± 20.222)				
<b>Sep 13 (12) 10 (Mini)</b> 39.85% (± 20.222)				
<b>Dec 13 (103) 100</b> 39.85% (± 20.222)				

thinkorswim: после

# О чем пойдет речь

- Зачем вообще понадобился редизайн
- Основные трудности
- Как справлялись
- Постановка задачи
- Побочные эффекты



Зачем:

Мода и стиль





Реальные проблемы интерфейса

# Аудитория

- консервативная, люди в возрасте
- фанаты «старого» TOS
- трейдеры-профессионалы



Лучше никак,  
чем неправильно



Разработчики в роли проблемы





# Как мы справлялись



«Пробить»

# Как мы справлялись



«Пробить»



Убедить

что все  
будет  
хорошо

# Как мы справлялись



«Пробить»



Убедить

что все  
будет  
хорошо



Фиксировать

Заинтересованные  
должны быть  
согласны



Нужно решать проблемы

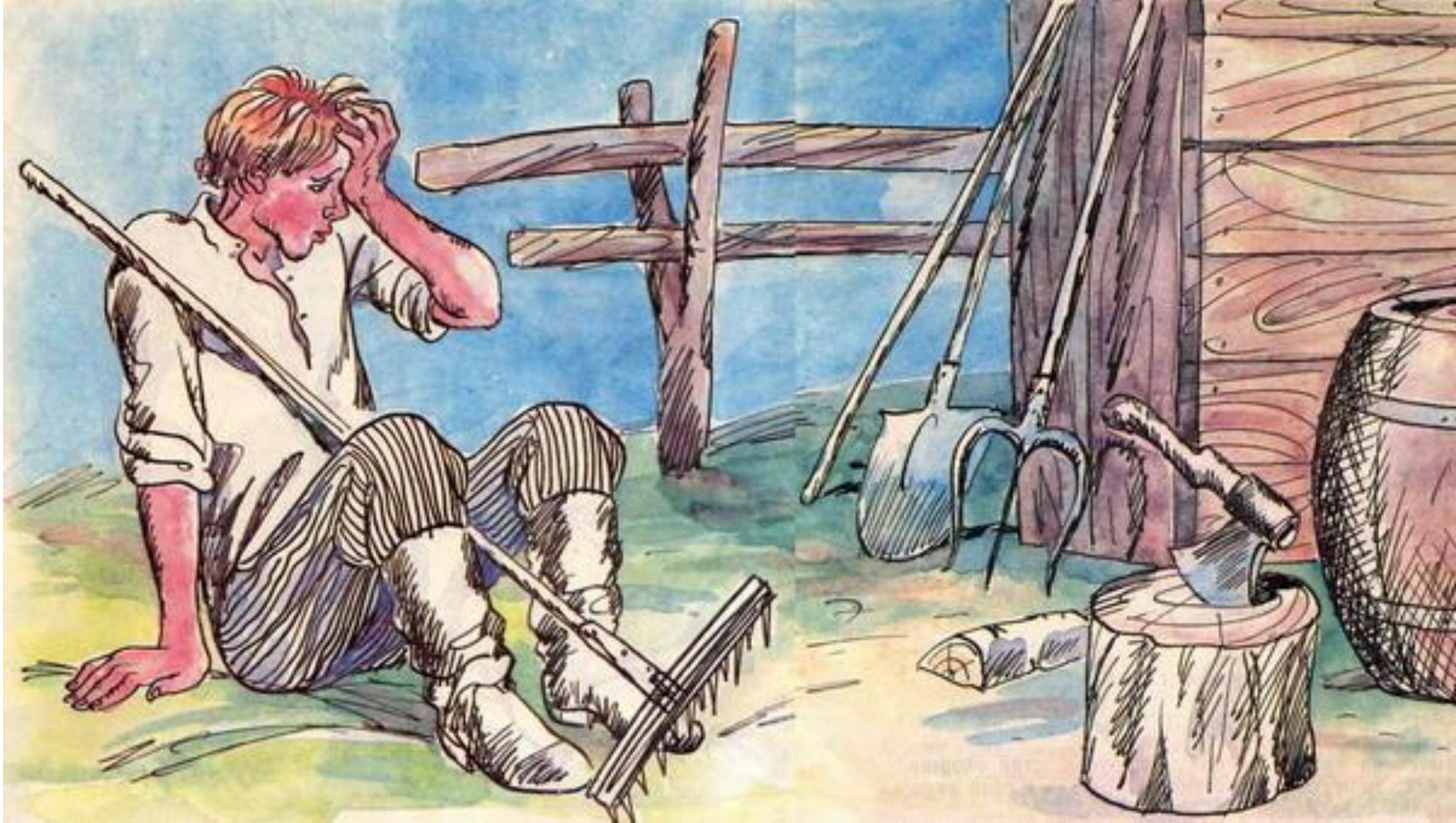
[Comment](#)[Schedule Issue](#)[More ▾](#)[View development issues](#)[Operations ▾](#)[Copy summary](#)**Requirements:**

These are the problems that are expected to be solved by the UX redesign and reskin project:

- 1) Get rid of the blue and grey "bullets" which are historically present to provide easier access to right-click behavior for MAC users.
- 2) Get rid of the variety of colors used in the application where possible and bring to consistency the usage of colors for alike entities (i.e. external links and alike).
- 3) Try to make the look of the application cleaner, as currently all the interfaces are overloaded with both functional controls and variety of options brought to upper level (when they do not need to be upper level. i.e. you need to be able to place an order in single click, but not print a page in single click).
- 4) Try to make the look calmer and set focus on the elements and/or patterns that need to be obvious, as opposed to current equal brightness of all content elements.
- 5) Align the look of the desktop application with other products of TD Ameritrade line: Mobile, Trade Architect, green site in all aspects where possible (color schemes, patterns, iconography, etc.)
- 6) Outline the difference between overall application settings and certain functional interface's settings.
- 7) Bring consistency to the usage of metaphors of "wrench" and "gear" (and "label" in Use the News) icons. Maybe it is possible to get rid of them altogether if there is another approach to how customization of layout and customization of content is made.
- 8) Bring to consistency similar patterns in customization of layouts: i.e. everywhere where user can choose a subset of interfaces to display (supergadget, left side all products, else [?](#))
- 9) Enhance supergadget experience. Current problems are: users do not see it as a separate entity available anywhere within a cell of a grid, users do not get the single symbol entry that works for several gadgets at once, users do not understand how to customize the layout. It also should be easy for them to visually feel the difference between the overall grid and the grid-like structure within supergadget cell. Note: Usage of drag&drop in customization of supergadget is one of the things that people liked about previous redesign suggestion.
- 10) Try to solve Message Center problems: it is hard to distinguish different kinds of messages within MC, it is hard to parse out data within the message, also user requested on multiple occasions ability to always see MC on screen which is easy to implement, but it needs to have smart configuration and placement.
- 11) Enhance the look of Dashboard gadget. It looks weird in large size cell.
- 12) Grids customization needs to be more consistent, grids should be better recognizable in such interfaces as Active Trader.
- 13) Operating with 'save-edit-delete-upload' patterns via menus is not the best experience. Especially taking in account that most of the menus in the platform are overloaded.
- 14) If possible, take a look at Stock/Spread Hacker layouts. They are very not obvious, too.
- 15) Review the customization of tables across the platform.
- 16) Combine Bright and Metal schemes into one scheme in order to support 2 LAFs instead of 3.

Сначала  
запишите

Нужно все проверить

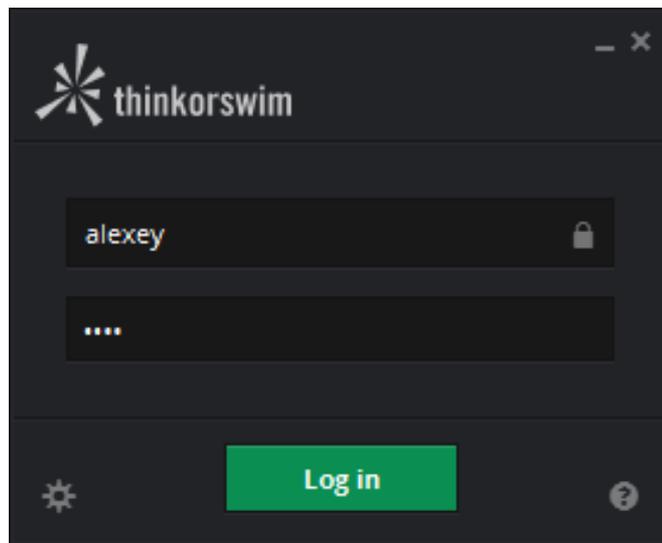
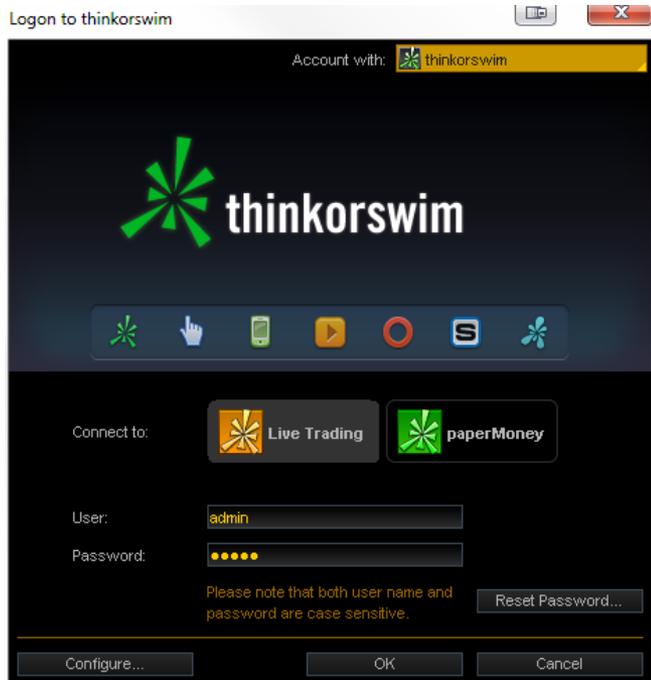




Стандарты



**KEEP  
CALM  
AND  
TAKE IT  
SLOW**



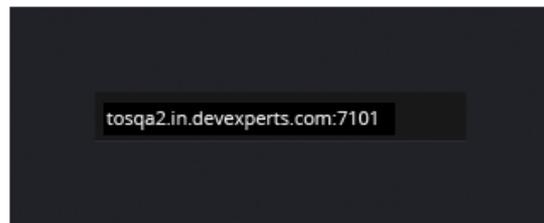


- UI Controls Library
  - Common formats and constants
  - Content for Dropdown Drawer
  - Dashboard
  - Dropdown Drawer
  - Forms and form controls**
  - Gadgets sidebar
  - Header controls
  - Menu
  - Order Entry
  - OS Window Controls
  - Placeholders
  - Pop-up messages
  - Progress Bar
  - Scrollbar
  - Splitter
  - Tables
  - Tooltip
  - Top Navigation
- UI Library Completion Status
- Design Implementation Audits

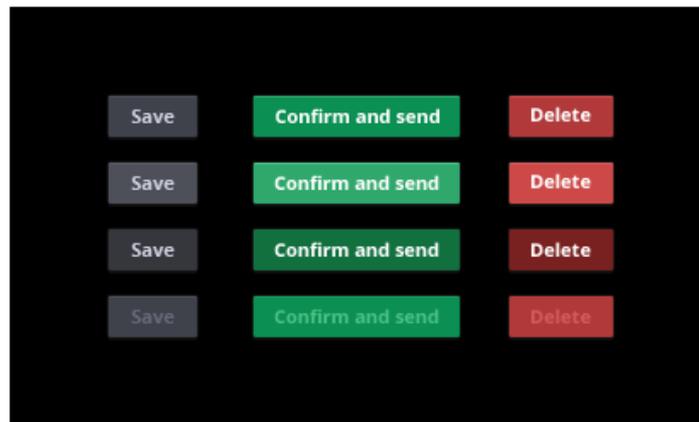
## UI Controls Library

- Common formats and constants
- Content for Dropdown Drawer
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- › Design Implementation Audits

## Text input



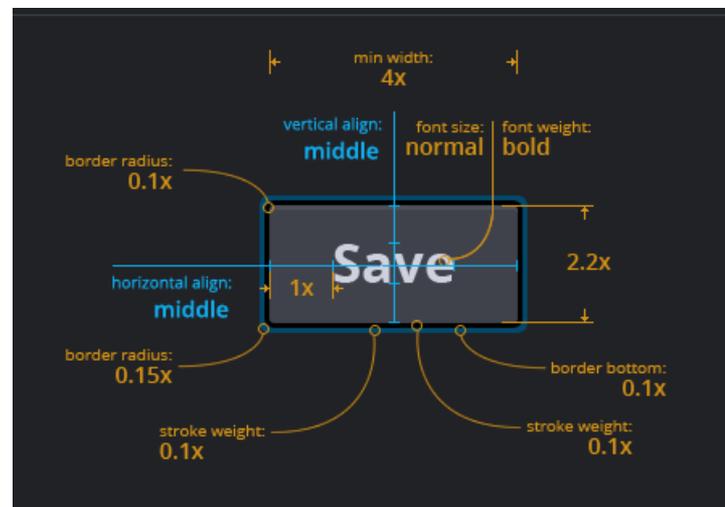
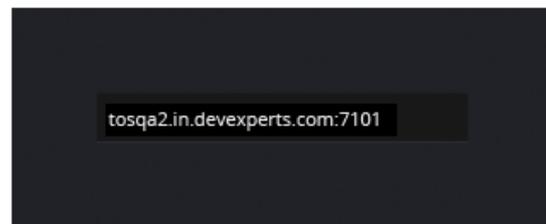
## 3D Button



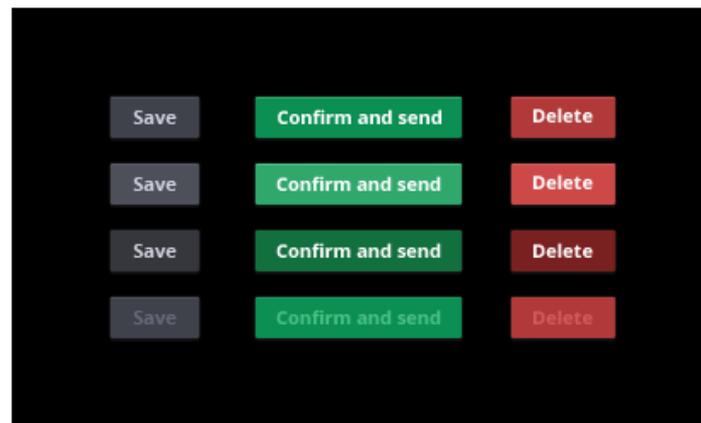
## UI Controls Library

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- › Design Implementation Audits

## Text input



## 3D Button



- 101 #000000
- 102 #FFFFFF
- 103 #4D4F59
- 104 #2F3035
- 105 #36373C
- 106 #585858
- 107 #878CA0
- 108 #212226
- 109 #40424B
- 110 #02496B
- 111 #0376A5
- 112 #5A5B65
- 113 #CED1DE
- 114 #111111
- 115 #191919
- 116 #676979
- 117 #0B8F52
- 118 #30A86C
- 119 #4BC186
- 120 #12703F
- 121 #B13939
- 122 #CD4A49
- 123 #D25C5C
- 124 #792120
- 125
- 126
- 127
- 128
- 129
- 130
- 131
- 132 transparent

### Text

Preview

Sizes

Color

Dark

Bright

Preview

### Radio butt

Preview

Sizes

Colors & St

Dark

Bright

Preview

### Checkl

Preview

Sizes

Colors &

Dark

Bright

Preview

### Combobox *regular*

Preview

Sizes

Colors & States

Dark

Bright

Preview

### Combobox *editable*

Preview

Sizes

Colors & State

Dark

Bright

Preview

### 3D button

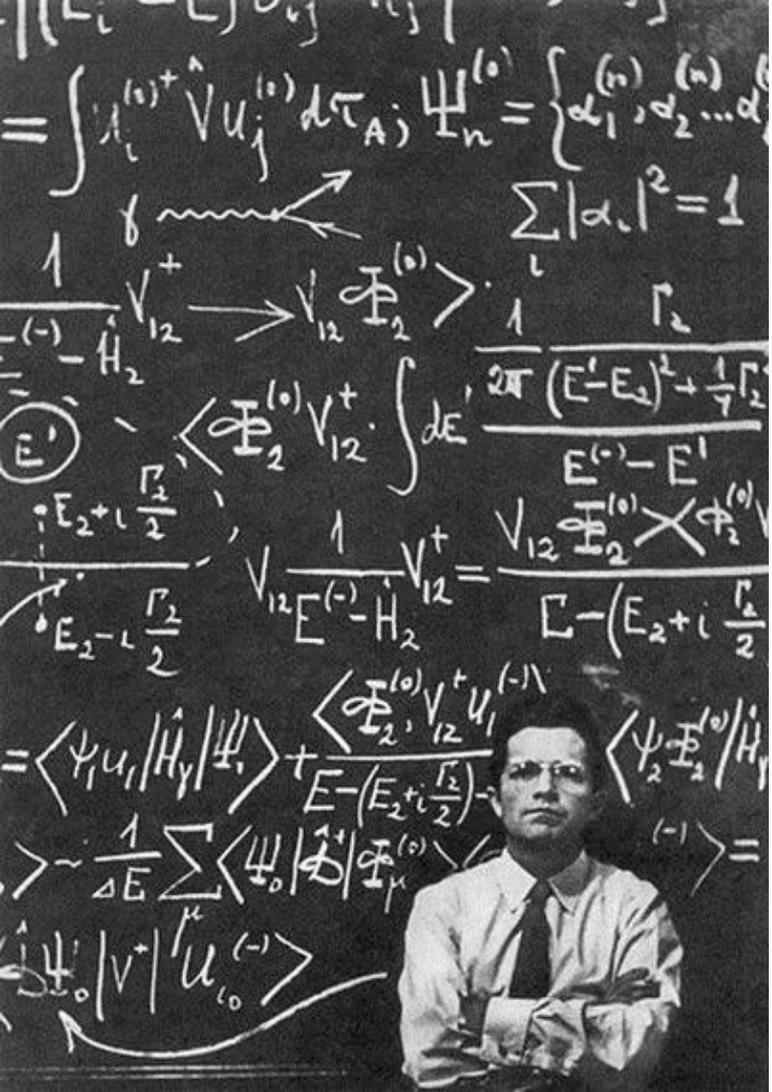
Colors & States



Самое сложное - дерево



ПРОТОТИПЫ



# МЭППИНГ

Новый элемент  $X =$   
старому элементу  $Y$

Еженедельные  
сборки,  
дизайн-аудиты





НОВЫЕ  
УМЕНИЯ  
БЕСПЛАТНО



ВСЁ ПРАВИЛЬНО СДЕЛАЛ

TOS-33359	Design specification for splitters	WAITING FOR REVIEW
TOS-33337	Design specification for toggle control	WAITING FOR REVIEW
TOS-33344	Design specification for color picker	REPORTED
TOS-34000	Design specification for Dashboard button	REPORTED
TOS-33323	Design specification for Top navigation	WAITING FOR REVIEW
TOS-34532	Design specification for calendar control	REPORTED
TOS-33324	Design specification for Dropdown drawer	WAITING FOR REVIEW
TOS-35327	Design specification for balloon tips	WAITING FOR REVIEW
TOS-33341	Design specification for icon buttons	WAITING FOR REVIEW
TOS-33333	Design specification for numeric stepper	WAITING FOR REVIEW
TOS-33330	Design specification for Symbol	WAITING FOR REVIEW
TOS-33351	Design specification for scrollbar	WAITING FOR REVIEW
TOS-33346	Design specification for gadgets sidebar	REPORTED
TOS-33343	Design specification for slider control	REPORTED
TOS-33353	Design specification for tooltips	WAITING FOR REVIEW
TOS-34999	Design specification for Tabs	CONFIRMED
TOS-33350	Design specification for data tables	IN DEVELOPMENT
TOS-33332	Design specification for date picker control	WAITING FOR REVIEW
TOS-33325	Design specification for flat static label	WAITING FOR REVIEW
TOS-33329	Design specification for flat header dropdown	WAITING FOR REVIEW
TOS-33326	Design specification for flat header button	WAITING FOR REVIEW
TOS-33322	Design specification for "Label-value pair"	WAITING FOR REVIEW
TOS-34826	Design specification for flat header separators	WAITING FOR REVIEW
TOS-33345	Design specification for general form layout	POSTPONED
TOS-33360	Design specification for preparation states of components	POSTPONED
TOS-33331	Design specification for text labels in forms	WAITING FOR REVIEW

IN DEVELOPMENT

# Хозяйке на заметку

- Формулируйте и решайте конкретные проблемы
- Найдите «пробивающего»
- Проверяйте раньше и чаще
- Знайте о «граблях»
- Делайте изменения понемногу
- Общайтесь с коллегами



Спасибо

hi@alexeygaponov.ru

@yoppt

devexperts.com