Advanced CSS and JS Techniques to Tweak Your Application UI

Maxime Tremblay

Maxime Tremblay

Senior APEX developer at
Max Consulting IT

apex.world Member of the Year
2016

{ askMax.solutions }

askMax.blog

@askMaxSolutions

ORACLE
ACE Associate

Agenda

- Using APEX
- CSS UX/UI
- JS/jQuery

https://github.com/maxime-tremblay/Advanced-CSS-and-JS-Techniques-to-Tweak-Your-Application-UI

Couple of tips
before we get started

Learn to know
your Dev Tools

Dev Tools

- Live CSS Changes
- Toggle Element State
- Search

Dev Tools

- Breakpoint
- Break On
- Debugger Keyword

PRESENTATION IS OVER
IT'S DEMO TIME!

Agenda

- > Using APEX
- CSS UX/UI
- JS/jQuery

APEX Helpers

- hidden-xxx-up / hidden-xxx-down

Name	Class Variable	Details
XXS Screens	xxs	640px and below
XS Screens	xs	641px to 767px
Small Screens	sm	768px to 991px
Medium Screens	md	992px to 1199px
Large Screens	lg	1200px and above
XXS Screens	xxs	640px and below

APEX Helpers

- margin-direction-spacing

Variable	Values	Description
Direction	top right bottom left	Where the margin should be positioned
Spacing	none 0 px sm 8 px md 16 px lg 32 px	The amount of spacing in pixels.

APEX Helpers

- margin-spacing

Class	Description
margin-none	No margin
margin-sm	8 px margin
margin-md	16 px margin
margin-lg	32 px margin
margin-auto	aligns content into the center

APEX Helpers

- padding-direction-spacing
- padding-spacing

APEX Helpers

- Width

Classes	Values	Description
hamount	10-800 px	Sets the element's height to specified value. Sizes in 10px increments
mxhamount	10-800 px	Sets the element's max-height to specified value. Sizes in 10px increments
mnwamount	10-800 px	Sets the element's min-width to specified value. Sizes in 10px increments
mxwamount	10-800 px	Sets the element's max-width to specified value. Sizes in 10px increments

APEX Helpers

- Height

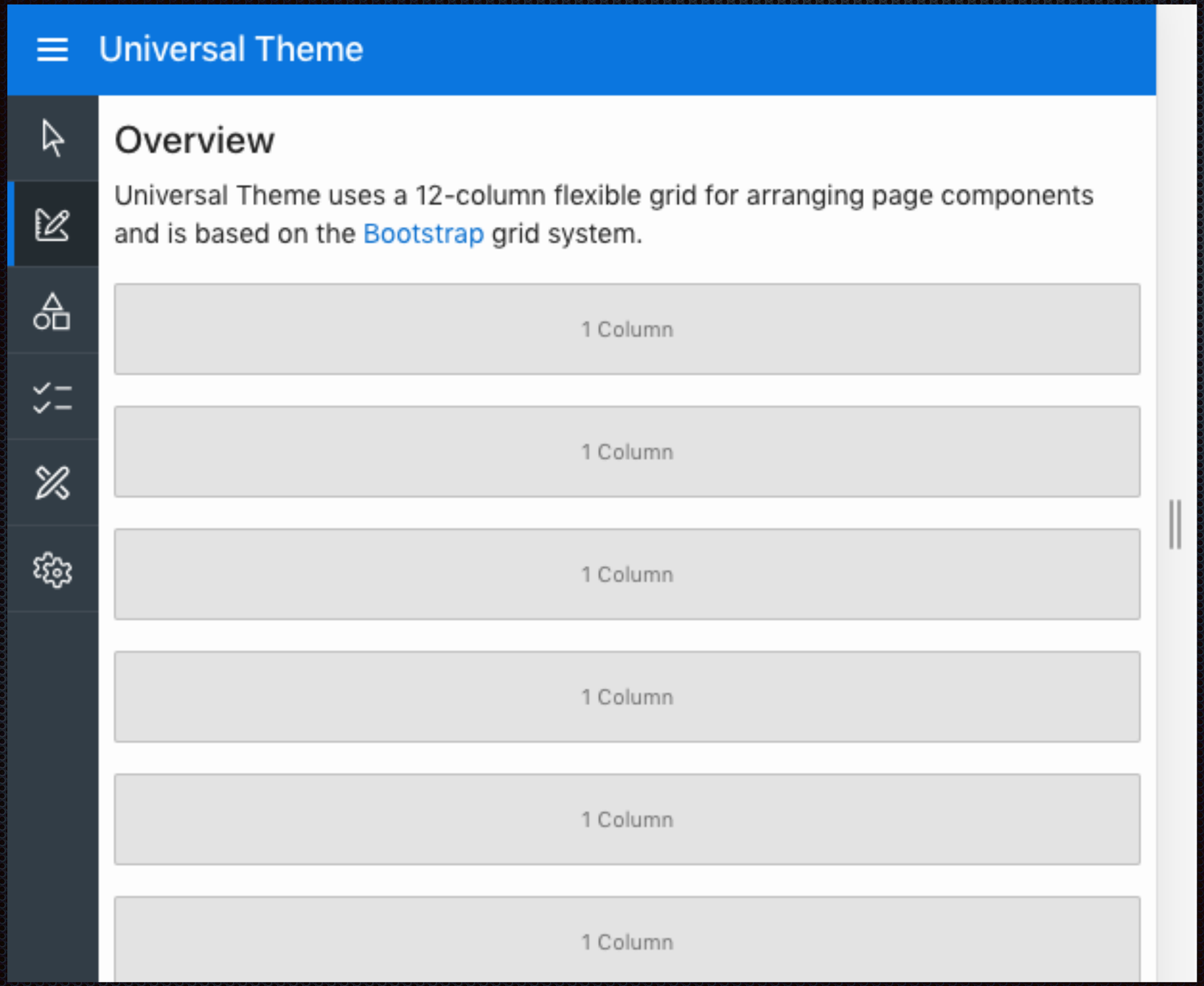
Classes	Values	Description
hamount	10-800 px	Sets the element's height to specified value. Sizes in 10px increments
mxhamount	10-800 px	Sets the element's max-height to specified value. Sizes in 10px increments

APEX Helpers

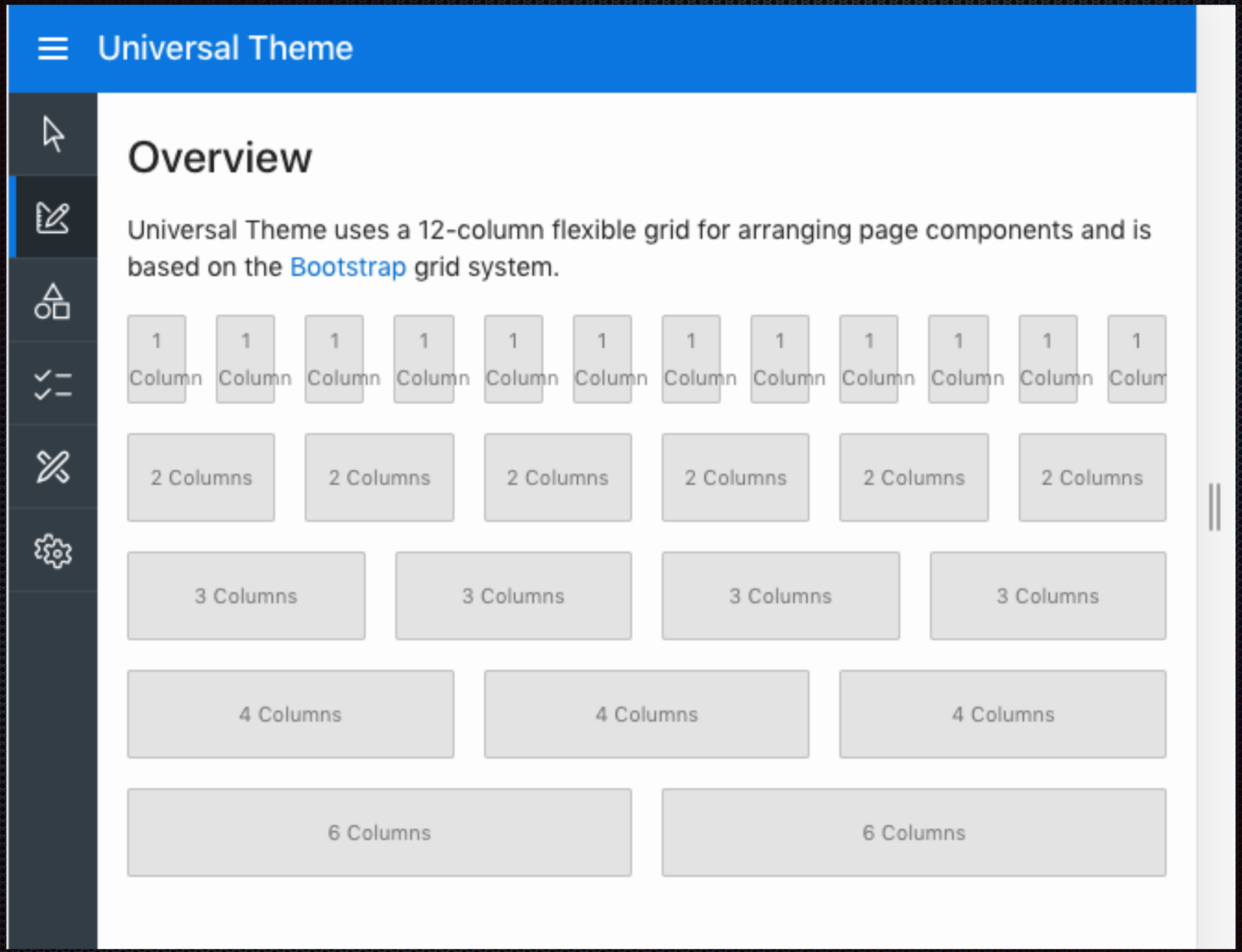
- Height

	≤640px	>640 and <768px	≥768px and <992px	≥992px and <1200px	≥1200px
Class prefix	.col-xxs-	.col-xs-	.col-sm-	.col-md-	.col-lg-

Width
600px
xxs

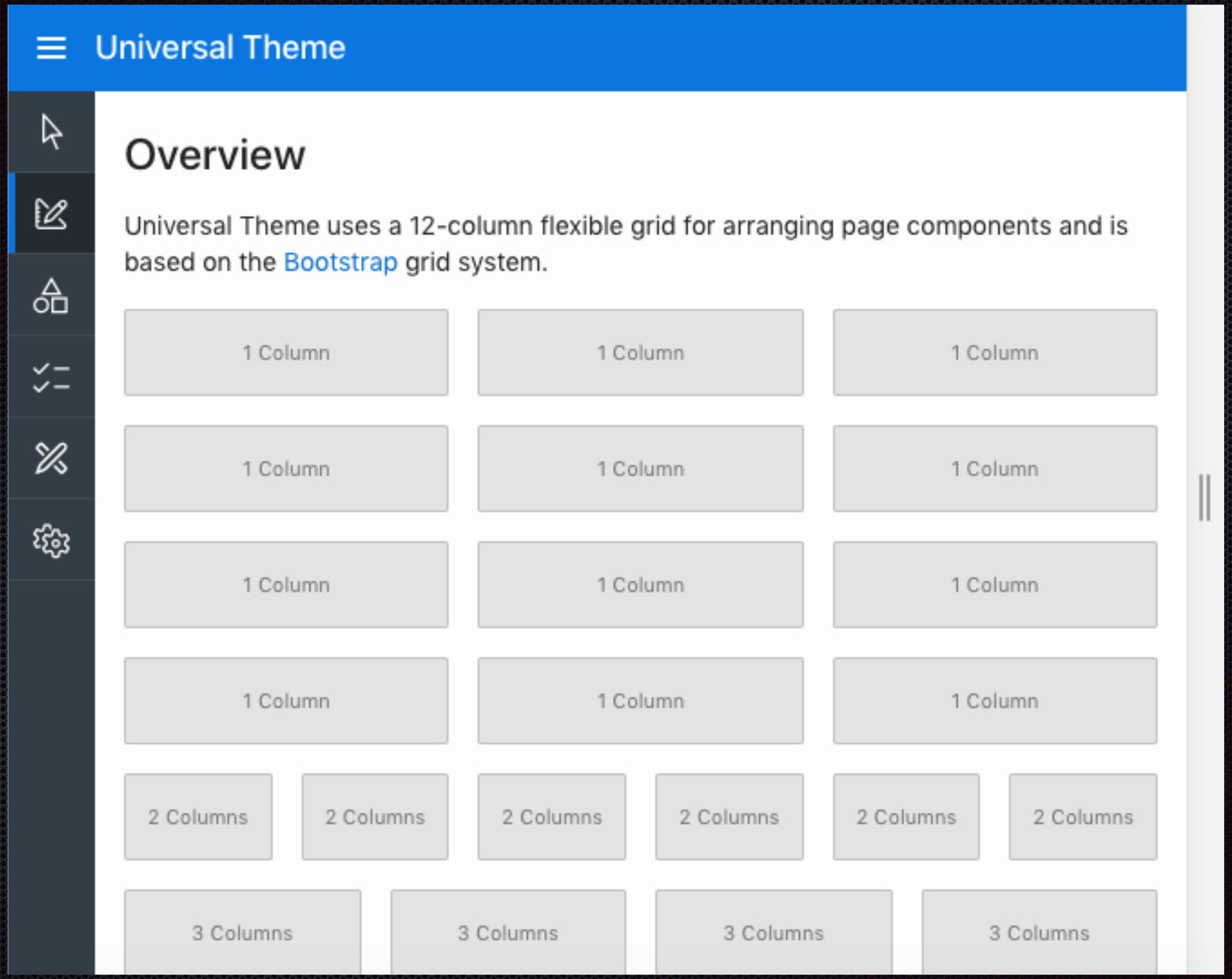


Width
642px
xs



Width
650px
xs

col-xs-4



Universal Theme

Overview

Universal Theme uses a 12-column flexible grid for arranging page components and is based on the Bootstrap grid system.

1 Column	1 Column
1 Column	1 Column
1 Column	1 Column
1 Column	1 Column
1 Column	1 Column
1 Column	1 Column

Width
850px
sm

col-sm-6

Agenda

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Agenda

- ✓ Using APEX
- > CSS UX/UI
- ◻ JS/jQuery

CSS

- Modals tweaking

Demo

CSS

- Report Tuning

Demo

CSS

- Bootstrap like navigation bar

Demo

CSS

- Overlay Side Navigation Menu

Demo

Agenda

- ✓ Using APEX
- > CSS UX/UI
- ◻ JS/jQuery

Agenda

- ✓ Using APEX
- ✓ CSS UX/UI
- > JS/jQuery

JS

- Add region to the side navigation bar

Demo

JS

- Hide success messages automatically

Demo

JS

- Fixed Elements on the page

Demo

JS

- Region Flip effect to show additional details

Demo

JS

- Cards as selection

Demo

JS

- Use dialogs as alerts/confirm
- Use inline dialogs with an alert region instead of javascript alert/confirm

Demo

Agenda

- ✓ Using APEX
- ✓ CSS UX/UI
- > JS/jQuery

ANY
QUESTIONS
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