



ODTUG
Kscope19



SEATTLE, WASHINGTON • JUNE 23-27

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YOUR EVALUATIONS



SEATTLE



Washington State
Convention Center

Advanced CSS and JS Techniques to Tweak Your Application UI

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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](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

Demo

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

$\leq 640\text{px}$

>640 and
 $<768\text{px}$

$\geq 768\text{px}$ and
 $<992\text{px}$

$\geq 992\text{px}$ and
 $<1200\text{px}$

$\geq 1200\text{px}$

Class prefix

.col-xxs-

.col-xs-

.col-sm-

.col-md-

.col-lg-

Width
600px
XXS

≡ 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



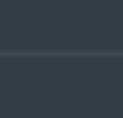
1 Column



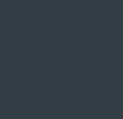
1 Column



1 Column



1 Column



1 Column

Width
642px
XS

≡ Universal Theme

Overview

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



Width
650px

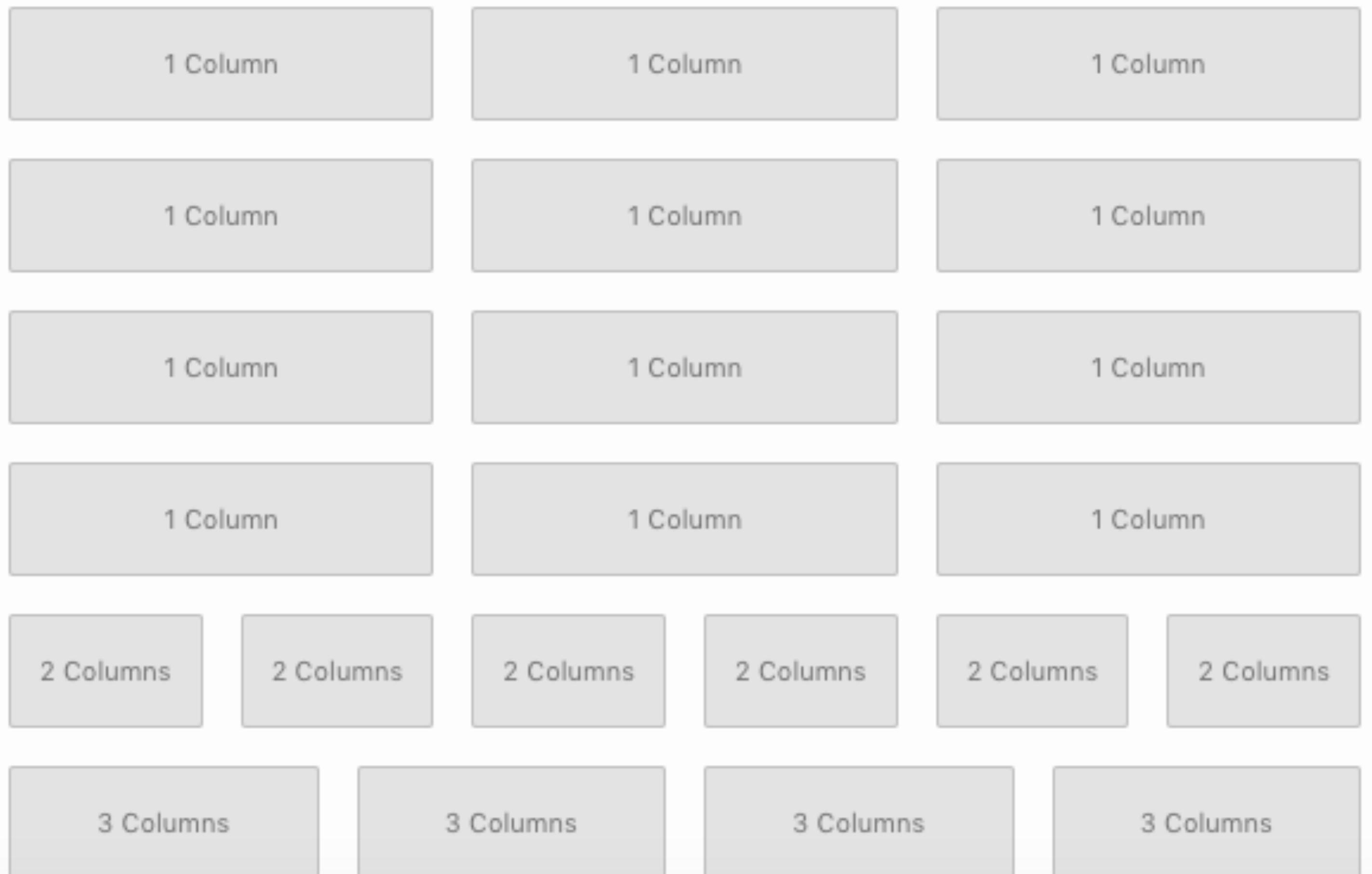
XS

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.



Width

850px

sm

col-sm-6

≡ 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

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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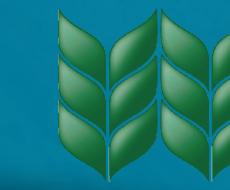


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