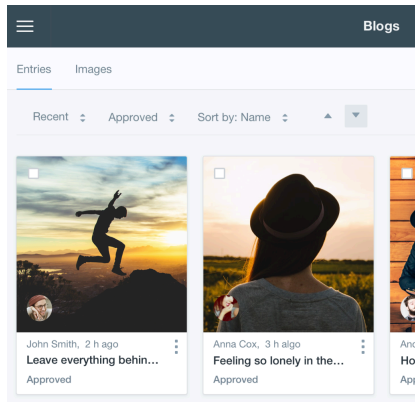# LIFERAY.

INTRODUCING LEXICON CSS

WHAT IS LEXICON CSS?

- Lexicon CSS is a web implementation of Liferay's Lexicon Design Language.
- Lexicon CSS provides style guidelines and best practices for designing web applications.
- It is meant to be fluid and extensible while providing a complete collection of visual and interactive patterns.
- It is an extension of the Bootstrap 3 Framework and is built with SASS.
- Lexicon CSS fills the front-end gaps between Bootstrap and the specific needs of Liferay.
- Lexicon CSS is optimized for the most common operations and takes the best from the most popular modern UI patterns available.
- These patterns can be carefully combined, like Lego pieces, to obtain the desired user experience.

LEXICON CSS FEATURES

- ❖ Lexicon CSS has components and features to cover most use cases:
  - ❖ Responsive layouts
  - ❖ Modern fonts
  - ❖ Aspect Ratio
  - ❖ Cards
  - ❖ Dropdown Wide and Dropdown Full
  - ❖ Figures
  - ❖ Nameplates
  - ❖ Sidebar/Sidenav
  - ❖ Stickers
  - ❖ SVG Icons
  - ❖ Timelines
  - ❖ Toggles

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REUSABLE PATTERNS

- Lexicon CSS is built on reusable patterns to make common tasks easy:
  - Truncating text
  - Content filling the remaining container width
  - Truncating text inside table cells
  - Table cells filling the remaining container width and table cells only being as wide as their contents
  - Open and closed icons inside collapsible panels
  - Nested vertical navigations
  - Slideout panels
  - Notification icons/messages
  - Vertical alignment of content

BUILDING A THEME

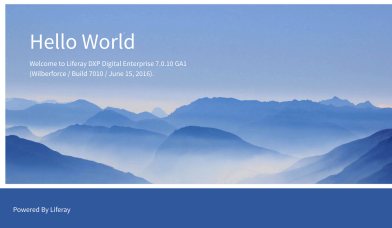- Most of our look and feel will come from a *theme*.
- Developers start with the *Lexicon Base* theme.
- *Lexicon Base* is our Bootstrap API extension and includes all of the default Lexicon CSS styles.
- You can then add styles and images to build your custom brand.

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USING ATLAS

- Instead of building from scratch using *Lexicon Base*, you may want to start from a full theme.
- Atlas is Liferay's custom Bootstrap theme, and provides a solid base theme.
- Liferay uses Atlas to build our Classic theme that ships out of the box.
- You can use Atlas to build and modify our base theme in a reusable way.

USING LEXICON CSS

- Lexicon CSS can be used in both theme development and template development.
- Later, we'll create our own custom themes and templates that take advantage of these features.
- For some additional details, see the appendix *Appendix - Lexicon CSS Details*.
- For a list of components, elements, etc., visit: *http://liferay.github.io/clay/*

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Notes: