



INTRODUCTION TO OFFICE UI FABRIC

CODEAHOLICS 2017 MARCH MEETUP

Fabric

[Get started](#)

[Styles](#)

[Components](#)

[Resources](#)

[Blog](#)

Office UI Fabric

The official front-end framework for building experiences that fit seamlessly into Office and Office 365.

Get started

Fabric Core 5.1.0 and Fabric React ^13.7



Built with React

Fabric's robust, up-to-date components are built with React

[See components](#)



Fabric JS

Lightweight and simple components in vanilla JavaScript

[Learn more](#)



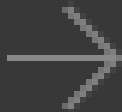
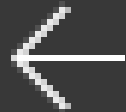
AngularJS

Community-driven project for Angular apps

[Learn more](#)



Office UI Fabric



dev.office.com/fabric

Office | Dev Center

Search dev.office.com



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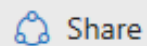
Fabric Core 5.1.0 and Fabric React ^1.3.7



Built with React

Fabric's robust, up-to-date





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2/2/2016

5.77 MB



2016-02-02 HKJC ICS Review Tender

3/2/2016

44.8 KB



2016-02-03 Codeaholics - Visual Studio Code Extension

2/2/2016

931 KB



2016-02-05 HKJC ICS Phase 2 Training Day 2

5/2/2016



2016-09-05 Microsoft Channel Kickoff

7/3/2017

5.46 MB



2017-01-25 Codeaholics - Alexa with Arduino

7/3/2017

86.1 MB



2017-03-08 Codeaholics - Office UI Fabric

7/3/2017

3.94 MB

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Premium OneDrive

[Get the OneDrive apps](#)

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ProgressIndicator

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William Wong

Persona

SearchBox

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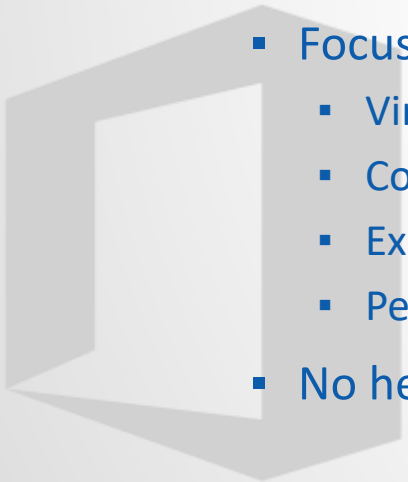


Premium OneDrive

Get the OneDrive apps

OFFICE UI FABRIC VS. BOOTSTRAP

- By Microsoft
 - Targets public consumption
- Built on React
- Explicit rules – minimal pollution
- 12-column responsive grid + RTL
- Complex DOM tree constructed by React
- Focus on apps
 - Virtualized scrolling + variable item height
 - Context menu
 - Explorer view
 - Persona
- No header/footer nav bar



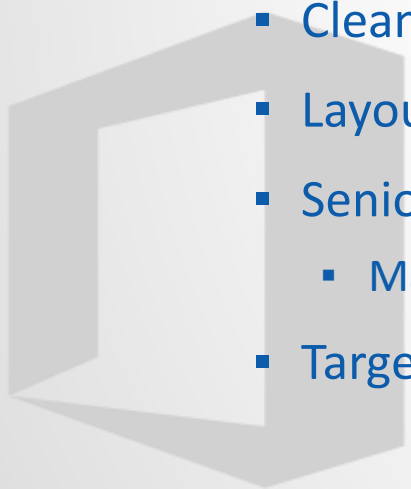
- By Twitter
 - Targets internal business app
- Built on jQuery UI
- Some pollutions – you can't take out Bootstrap easily
- 12-column responsive grid
- Almost-recitable DOM tree
- Focus on input forms
 - Grouped input controls
 - Pagination



OUR FEELINGS

Office UI Fabric

- Not WinJS and not rooted from WinJS
- Alpha quality – if it works, it works
 - If it don't, file a bug
- Public consumption – beautiful
- Clean and React-ready
- Layout: CSS if possible, otherwise, JS
- Senior web developers required
 - May need to build custom controls
- Targets web app, not website



Bootstrap

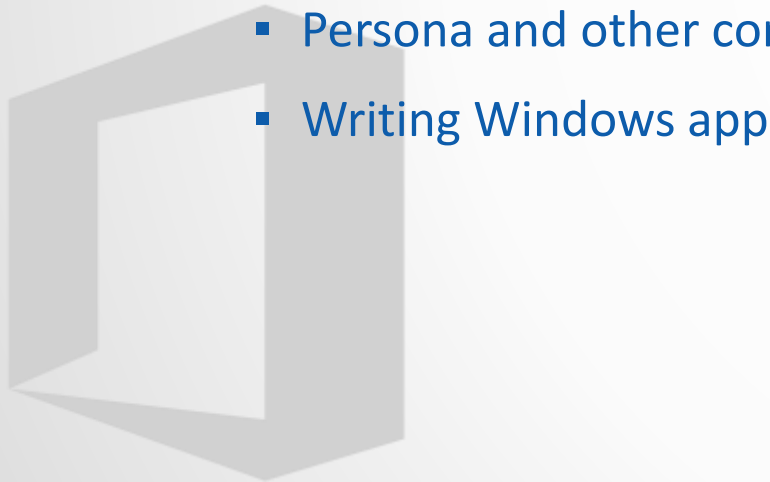
- Everyone knows it
- Internal consumption – prettier than plain HTML
- Layout: heavily and purely on CSS
- Some designers know how to use it
- Targets website, not web app



CHOOSING BETWEEN THEM

Office UI Fabric

- Built on React
- Virtualized scrolling
- Advanced list view
- Context menu
- Persona and other controls
- Writing Windows app or Office Add-in

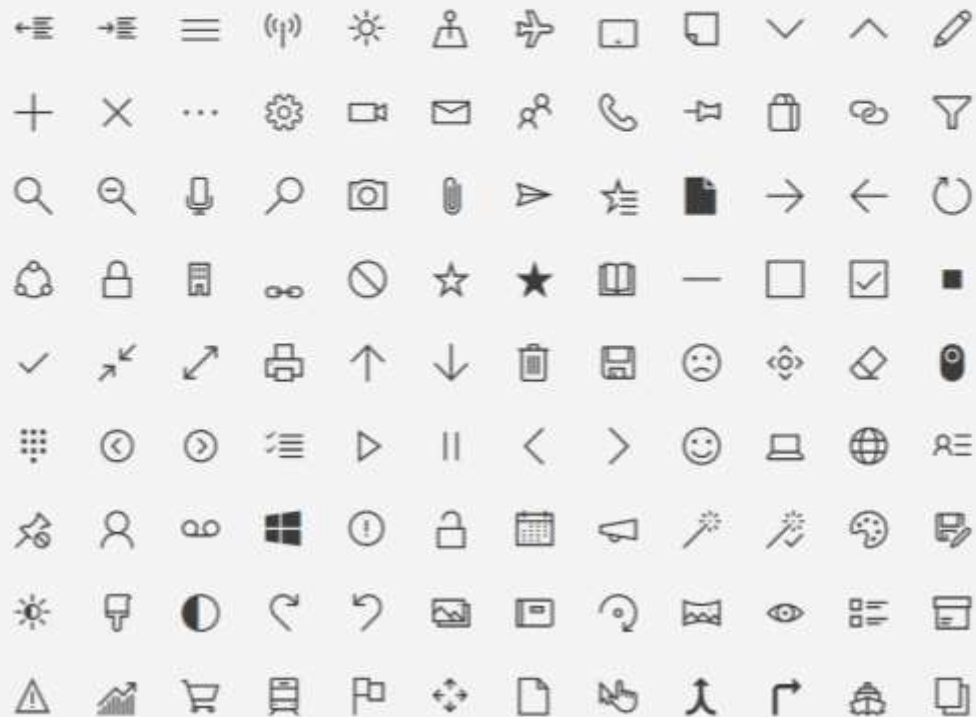


Bootstrap

- Customizable theme
- Complicated input forms
 - Grouped input controls
- Teams without senior web developers
 - Lots of third-party UI controls



Implementation icons

 Search icons

Available glyphs

Includes over 250 glyphs in font format from the Glyphicons-Haflings set. [Glyphicons](#) Haflings are normally not available for free, but their creator has made them available for Bootstrap free of cost. As a thank you, we only ask that you include a link back to [Glyphicons](#) whenever possible.



Glypticons

Evaluation graphs

Steps to use:

Examples

Drospirenone

Editorial board:

Buttons dropdowns

Input groups

1005

Manuscript

Discussion

Purification

Latent:

Methods

Supplements

Figure 1

Thrombocytosis

Alumina

Programas de...

Mollusca: veliger

List options

Example 2

Executive summary

2

Source: The author.

22

ICONS COMPARISON

MODERN UI ICONS VS. GLYPHICONS

Issue details

Year

2017

Month

March

☒ Auto-generated

Issue number

106

Major version

☐ Draft

☐ Camera-ready

☒ Production

Minor version

webem.html index.html text.txt

Copy

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
</head>
<body style="color: #58595B; font-family: Arial, Helvetica, sans-serif; font-size: 14px; margin: 0;" width="811">
  <table cellpadding="0" cellspacing="0" style="color: Black; font-family: Arial, Helvetica, sans-serif; font-size: 14px; width: 100%; border-collapse: collapse;">
    <tr>
      <td colspan="5">
        <div style="color: #58595B;">The latest issue of HKIA News is now available. If you cannot read this email properly, please click <a href="https://www.hongkongairport.com/hkianews/2017issue106/edm/index.html" style="color: #58595B;">here</a>.</div>
        <div style="color: #58595B;">最新一期的《翱翔天地》現已出版。如您未能閱讀此電郵，請<a href="https://www.hongkongairport.com/hkianews/2017issue106/edm/index.html" style="color: #58595B;">按此</a>。</div>
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      </td>
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        </div>
        <div colspan="1" style="font-size: 12px;" align="right" valign="middle" width="161">
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          </div>
          <div style="font-weight: bold;">2017</div>
          <div style="font-weight: bold;"><nobr>March March</nobr></div>
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WE ARE DEVELOPERS