

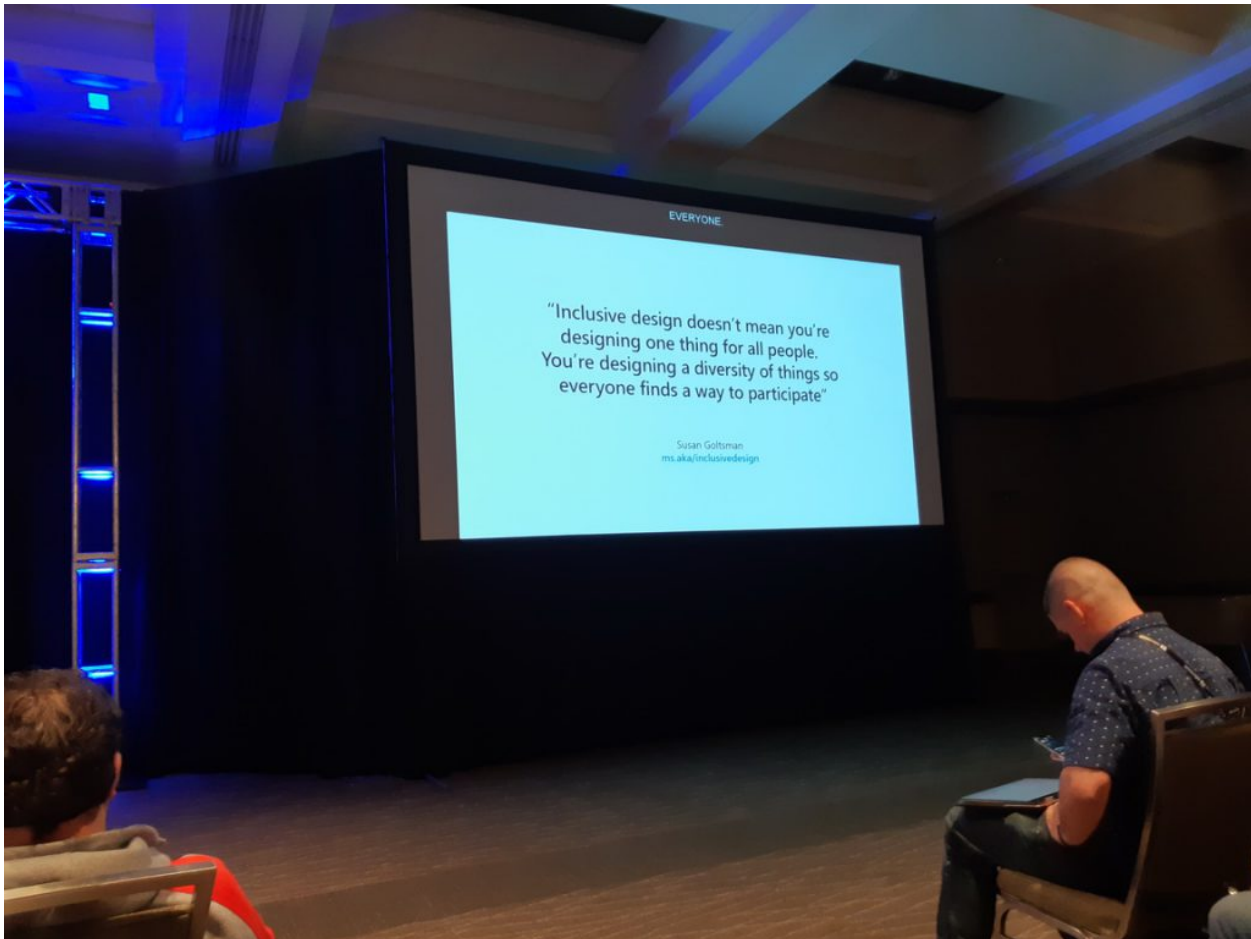
Microsoft's view on Apps and DevOps. MS Build 2018

May 12, 2018

Keynote by Joe Belfore focused on the two major platforms of Microsoft i.e. **Office 365** and **Azure**.



Office 365 next step is the focus on **multiple devices and multi-sense**. The basis for interconnecting devices is the **MS Graph**. It is an Azure backed data store that holds information provided by Microsoft Apps and it is used to transfer information between apps to get a better overall user experience. Microsoft wants developers to integrate every App they write with MS Graph as the more data the merrier. Good user experience is driven by **rich user context**.

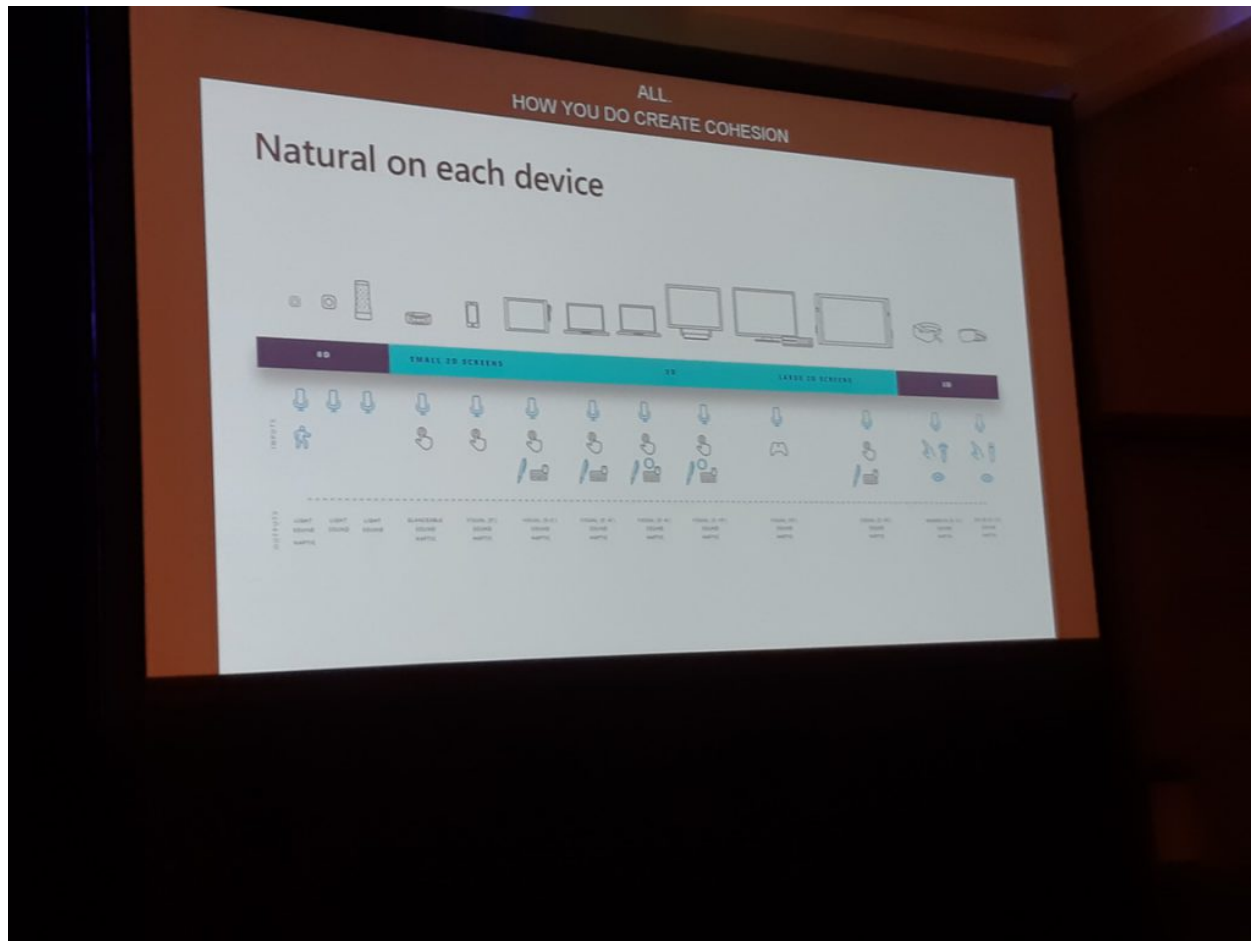


Some new Apps are comming:

- **MS Timeline** is a new application that helps you to track different sets of activities (i.e **the MS Sets concept**) accross different devices. It is embeded in Winfwos 10 and it will come soon to the phone on iPhone as well as on Android.
- Two new Apps for the phone are **Microsoft Edge** and **Microsoft Launcher**.
- Another new app is the **Inbox App** that brings content and notifications from your mobile device directly to your PC. The connection is organized using the MS Graph.

Office is envolving as well:

- The **Fluent UI** project keeps on **making the UI leaner and meaner**. Fluent design also will make better use of the screen estate. In some applications fonts were too big for desktop computer use resulting in wasting space. Depending on screen size, **Fluent design will have Duplo, Lego and Micro-Lego sized controls to optimize the use of input and output devices** (the screen density)



- The new functionalities Flluent is bringing, are also available for older applications thorough the use of **Xaml islands**.
- **Notepad** with finally understand CR and CR/LF formats.
- **Excel** will support **function extensions written in JavaScript**. These functions can be rolled out company wide so they become strictly **version controlled**
- **Adaptice cards** will make notification actionable. An e-mail can trigger the next step in a business process.



On the DevOps side we see:

- A **decoupling** between the **.NET updates** and the **Windows platform updates**
- **.NET Core** can run now in **side by side** mode with different versions
- Application can be installed with **the new MSIX installer** for which **even Windows7 will be supported**
- **HyperV** will **support an Android emulator**