## Aktuelle Neuigkeiten von letzter Woche

Dr. Holger Kenn, Microsoft DX



### Die Konferenz

- http://www.buildwindows.com/
- Microsoft Entwicklerkonferenz
- Jährlich
- >5000 Entwickler
- 2015 in San Francisco 29.4.-1.5.

## Ankündigungen zu mobiler Entwicklung

- Android -> Windows Phone: Project Astoria
- iOS -> Windows: Compiler für Objective C
- Manifold.js: Web site -> Hostd web app
- Und wie bisher
  - Xamarin
  - Apache Cordova
  - Unity 3D

### Interessantes für unseren Kurs

- Continuum
- Band SDK
- Project Oxford
- Und kurz was zu HoloLens

## Weitere Ankündigungen

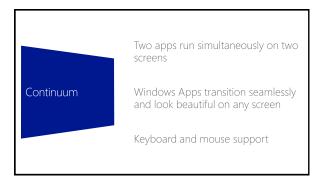
- Windows 10 IoT Core auf dem Raspberry Pi 2
- Container in Windows
- Desktop Apps im Windows Store
- Azuro
  - Neues Programmiermodell: Fabric
  - Neuer Konfigurationsmechanismus: Azure Ressource Manager
- Neue Dienste für "Internet of Things"
- Und noch viel mehr...



## Introducing Continuum



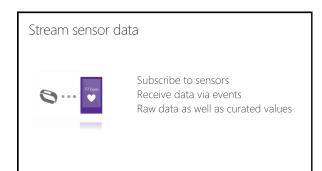


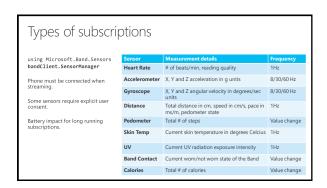


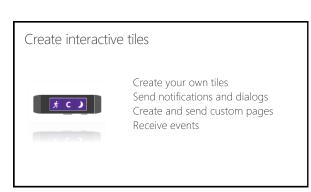


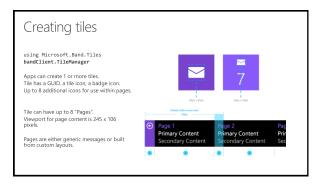


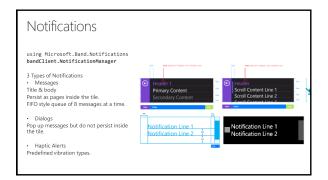
## Libraries and components that allow applications to extend and enhance experiences with Microsoft Band. • Opens up Microsoft Band to applications to extend and enhance experiences with Microsoft Band. • Opens up Microsoft Band to applications • 3 main ways to interact • 3 main ways to interact • 5 stream data from Band's sensors • Create interactive tiles • Personalize and customize • No application code runs on the Band • Band provides an extension model, not an application platform • Phonor/Fability Tapilitation is required • Use Band as an sensor rich input device and an auxiliary display



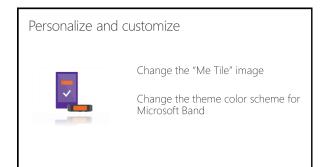






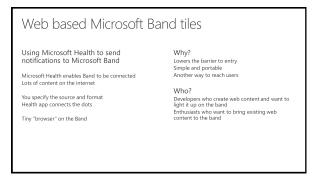




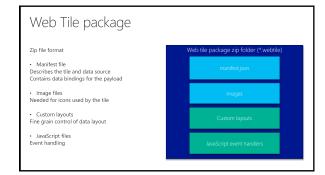








# Web Tile experience Author your tiles Data source, layout, bindings Publish your tiles Hosted/Stored Share with people Social/Email/Web Health app does the rest Install, manage & refresh



#### Microsoft Health APIs

An open platform with RESTful APIs that allow developers to build smart applications based on fitness

- View sensor data collected from Microsoft Band and other connected devices
- Access and track user fitness history
- Connect apps and services with Microsoft Health to collect activity summaries
- Contribute data to Microsoft Health

## Microsoft Health APIs

- User profile information
- Sensors
- Summaries hourly, daily, weekly, monthly for Steps, Calories, Distance, Heart Rate etc
- Activities Run, Bike, Workout, Guided Workout...
- Sleep tracking restful/light, efficiency, recovery
- Connected devices

Microsoft Project Oxford:
Adding Smart to Your Applications

Dr. Harry Shum
Executive Vice President
Technology and Research
Ryan Galgon
Senior PM
Microsoft Project Oxford
Microsoft



