



**windowsphoneweek**

@winphoneweek

a global series of events brought to you  
by the #wpdev mvp community

# Mobile Services in combinatie met Windows (Phone) 8 applicaties.

Roy Janssen  
Semper IT Services

# SEMPER

## IT Services

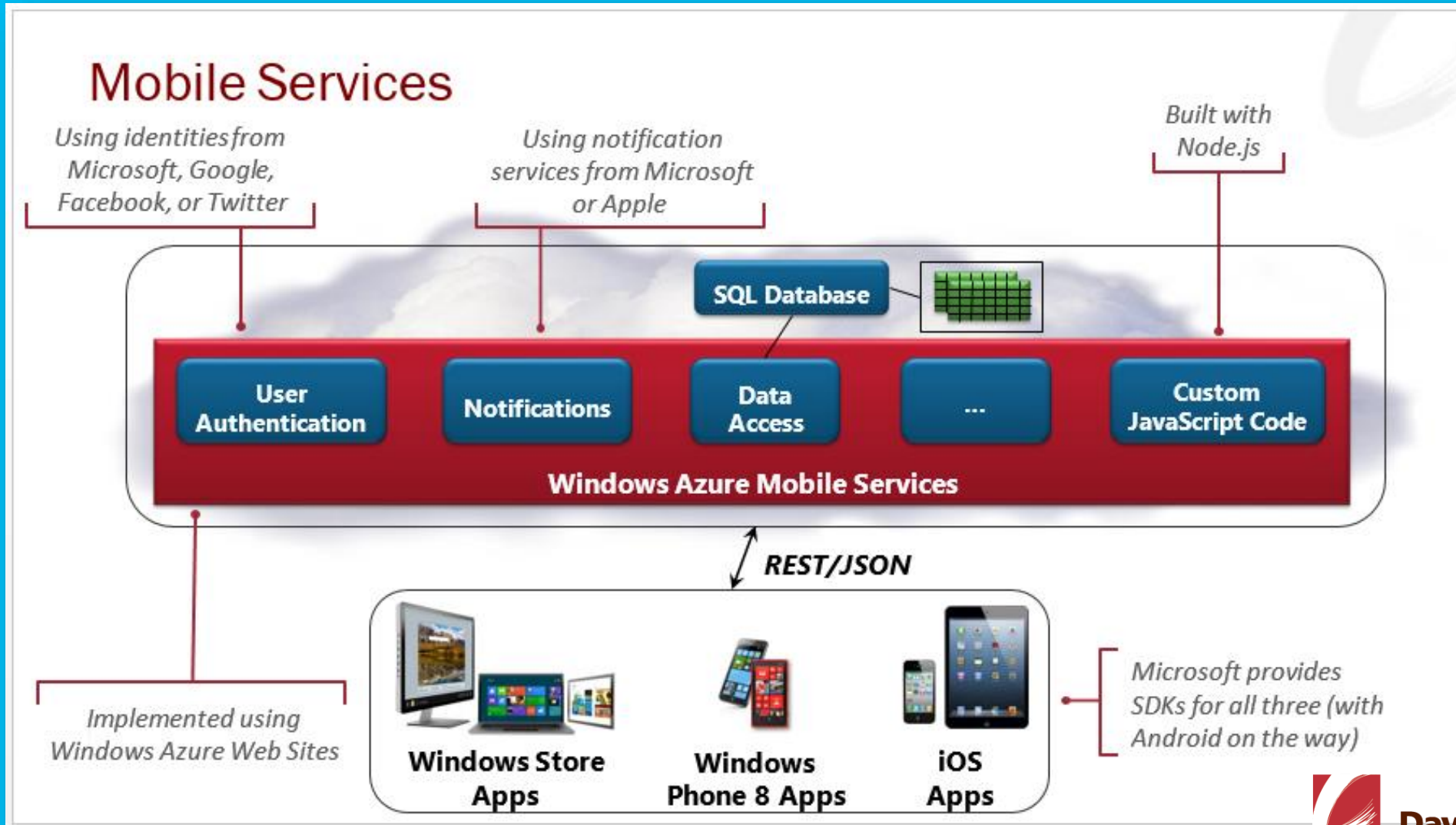
### Diensten

- ✓ Standaard Microsoft PixelSense solutions
- ✓ Maatwerk Microsoft PixelSense solutions
- ✓ Microsoft Surface / Windows 8
- ✓ Windows Phone applications
- ✓ Maatwerk Windows en Web applicaties
- ✓ Inhuur (Senior .Net developer / Coaching junior developers / Docent / Spreker / Consultant)

# Agenda

- Introductie Windows Azure
- Windows Azure vanuit je code
- Push notificaties toevoegen
- Scheduler toevoegen
- Handige links
- Contact

# Introductie Windows Azure



Demo

Introductie Windows Azure

# Windows Azure vanuit je code

- Maak de MobileService (App.Xaml.cs)

```
public static MobileServiceClient MobileService = new MobileServiceClient("YourService/", "YourKey");
```

- Windows 8 store application  
Associate App with the store...

- Link naar een tabel (...ViewModel.cs)

```
IMobileServiceTable<Drink> drinkTable = App.MobileService.GetTable<Drink>();
```

- Gebruik async await

Demo

Windows Azure vanuit je code

# Push notificaties toevoegen

## Windows 8

```
private async void AcquirePushChannel()
{
    CurrentChannel = await PushNotificationChannelManager.CreatePushNotificationChannelForApplicationAsync();

    IMobileServiceTable<PushChannel> channelTable = App.MobileService.GetTable<PushChannel>();
    var channel = new PushChannel { Uri = CurrentChannel.Uri, IsW8 = true };
    await channelTable.InsertAsync(channel);
}
```

## Windows Phone 8

```
private void AcquirePushChannel()
{
    CurrentChannel = HttpNotificationChannel.Find("MyPushChannel");

    if (CurrentChannel == null)
    {
        CurrentChannel = new HttpNotificationChannel("MyPushChannel");
        CurrentChannel.Open();
        CurrentChannel.BindToShellTile();
    }

    IMobileServiceTable<PushChannel> channelTable = App.MobileService.GetTable<PushChannel>();
    var channel = new PushChannel { Uri = CurrentChannel.ChannelUri.ToString(), IsWP8 = true };
    channelTable.InsertAsync(channel);
}
```



Demo

Push notificaties toevoegen

Demo

Scheduler toevoegen

# Handige links

- Windows Azure portal  
<https://manage.windowsazure.com>
- Windows Azure developer documentation  
<http://www.windowsazure.com/en-us/develop/mobile/>
- Windows 8 Dev Center  
<http://msdn.microsoft.com/en-us/windows/apps>
- Windows Phone 8 Dev Center  
<http://dev.windowsphone.com/>
- Live Connect Developer Center  
<https://manage.dev.live.com/Applications>
- Server script example how to  
<http://msdn.microsoft.com/en-us/library/windowsazure/jj591477.aspx>

# Contact

- [roy@semper-it.nl](mailto:roy@semper-it.nl)
- Twitter: @SemperIT
- <http://www.semper-it.nl>
- <http://www.semper-it.nl/blog>