

# NET MAUI For Xamarin.Forms Programmers

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# Who Are You?

Familiar with XAML

Comfortable with C#

Familiar with Xamarin.Forms

Deep dive into a  
non-trivial app:

***Forget Me Not***

# Yuck!

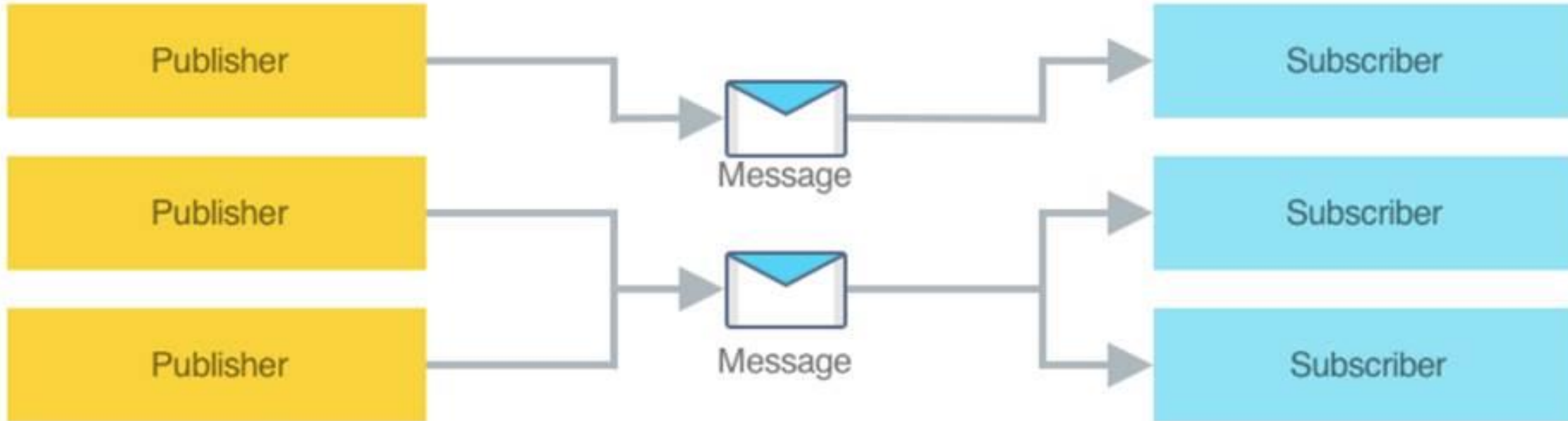
- The program is not done
- No UI designer

# Forget Me Not - Walkthrough

- Goal
- Tabs
- About
- Preferences
- Buddies
- Adding Buddies
- Occasions
- Navigation

- Code...

# Messages



# Unit Testing

- Why?
- FIRST
  - Fast
  - Isolated
  - Repeatable
  - Self-Verifying
  - Timely



# FIRST

- Fast or you won't use them
- Isolated – No dependency on others. Single reason to fail
- Repeatable – reliable
  - Data not cleaned up
  - External systems
  - Non-deterministic due to threading

# FIRST

- Self-verifying
  - Unambiguous results
  - Narrow (test one thing)
  - Assert one thing
- Timely
  - Run constantly
  - TDD vs. TAD

# TDD

- 35% faster than TAD
- Makes for testable code

# Writing the tests

- AAA
- Arrange
- Act
- Assert

# Unit Testing

- Code...

# Tweaking the csproj

- `<TargetFrameworks>net7.0;net7.0-android;net7.0-ios;net7.0-maccatalyst</TargetFrameworks>`
- `<OutputType  
Condition="'$(TargetFramework)' !=  
'net7.0' ">Exe</OutputType>`

[https://github.com/jesseliberty/](https://github.com/jesseliberty/ForgetMeNotCzech)  
ForgetMeNotCzech

Find out more...

**Learn .NET MAUI - Packt**

Microsoft Documentation

<https://jesseliberty.com>

<https://jesseliberty.com/podcast>





Questions?

A word cloud featuring the phrase "Thank You" in multiple languages: English, French (Merci), Italian (Grazie), Spanish (Gracias), and German (Danke). The words are arranged in a dense, overlapping pattern, with some appearing in large, bold fonts and others in smaller, more numerous instances. The colors used include red, orange, yellow, green, blue, and black, creating a vibrant and celebratory visual effect.

A word cloud featuring the phrase 'Thank You' in multiple languages: English, French (Merci), Italian (Grazie), Spanish (Gracias), and German (Danke). The words are arranged in a circular pattern, with some appearing in large, bold fonts and others in smaller, more numerous instances. The colors of the text include red, blue, green, yellow, and grey, creating a vibrant and celebratory visual effect.