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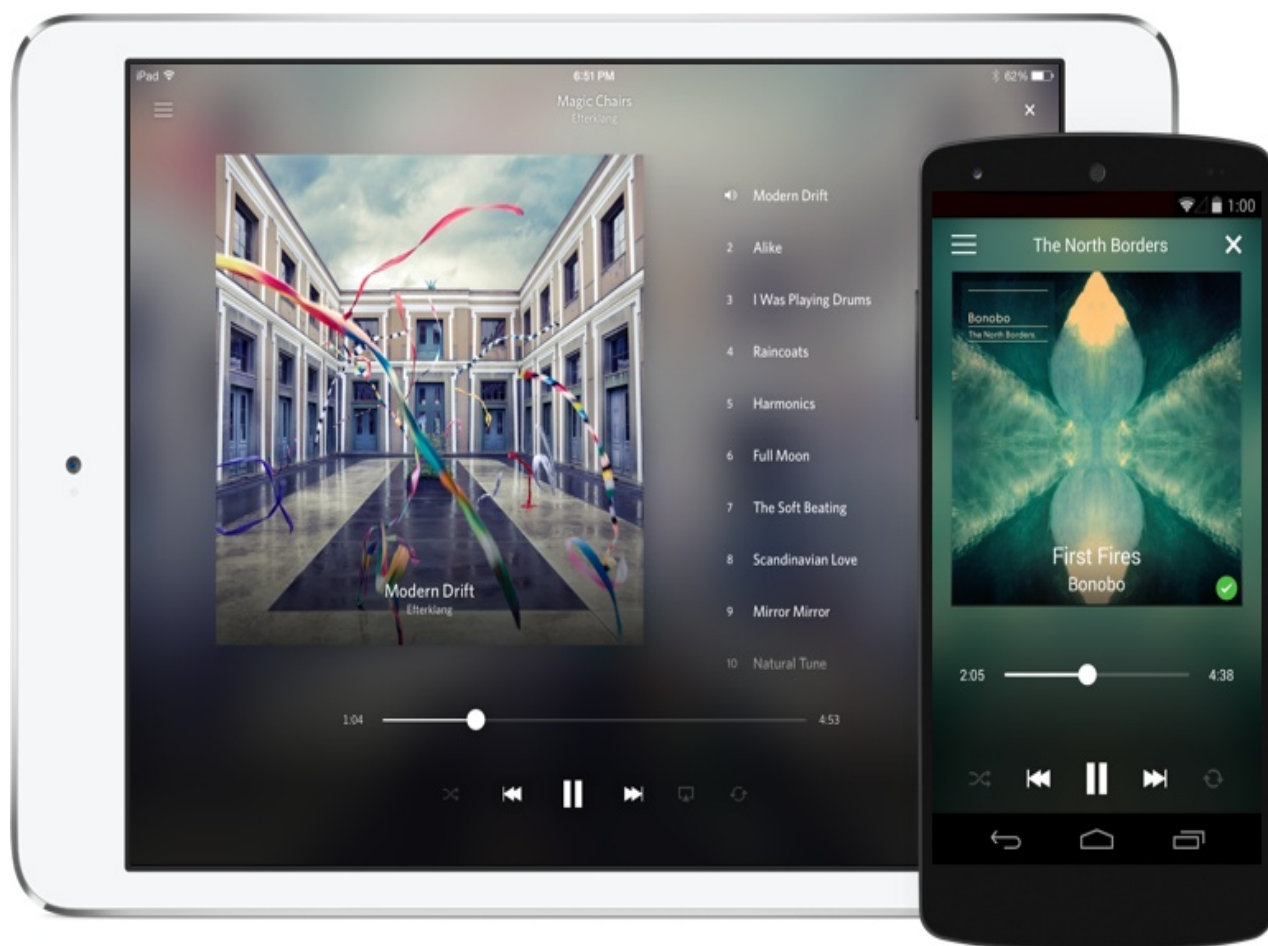
Create native iOS, Android, Mac and Windows apps in C#.

Join our community of over 700,000 developers.

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We knew there had to be a better way to create apps.

We created Xamarin because we knew there had to be a better way – a better way to design apps, to develop apps, to integrate apps, to test apps and more. We're developers, so we know what developers want from mobile app development software: a modern programming language, code sharing across all platforms, prebuilt backend connectors and no-compromise native user interfaces.



Rdio is a streaming music app for iOS, Android and Windows Phone. It's written entirely in C# and shares over 50,000 lines of code across all platforms.

Xamarin is trusted by thousands of companies, including

GitHub

rdio

Microsoft

NBCUniversal

DOW JONES

Write C#. Run on 2.6 billion

devices.

With Xamarin, you write your apps entirely in C#, sharing the same code on iOS, Android, Windows, Mac and more.



Xamarin is a better way to:

Code Design Develop Reuse Integrate Test Learn

C# is the best language for mobile app development.

Anything you can do in Objective-C, Swift or Java, you can do in C#.

```
public Dictionary<string, UIImage> GetImages(string directory)
{
    var images = new Dictionary<string, UIImage>();
    var paths = Directory.EnumerateFiles(directory, "*.png");
    foreach (var path in paths) {
        images[path] = UIImage.FromFile(path);
    }
    return images;
}

public async Task<List<FeedItem>> GetFeedItems(DateTime date)
{
    var feed = "http://planet.xamarin.com/feed/";
    var response = await httpClient.GetStringAsync(feed);
    var items = await ParseFeedAsync(response);
    return items.Where(item => item.Published.Date == date).ToList();
}
```

More Types, Less Typing

C# uses type inference to give developers more safety in fewer keystrokes, without boilerplate or verbose type annotations.

Stronger Types, Smarter Tools

Generics guarantee that collections and other compound types are used safely, without the need for casts or comments. Xamarin tools understand intent better thanks to richer types, with benefits like ubiquitous code completion.

Language-level Async

Asynchronous programming (async) keeps apps responsive. In Objective-C, Swift and Java, async requires callbacks and manual bookkeeping. C#'s language-level support makes async a breeze.

First-class Functions

In Java for Android, lambdas are unavailable. In Objective-C, lambdas are extremely cumbersome. In C#, lambdas couldn't be simpler, making functional programmers feel right at home.

[Learn more about building native apps with C#](http://xamarin.com/learn/more-types-less-typing) ►

Native user interfaces, built right before your eyes.

Xamarin apps use native UIs on every platform to enable the best possible experiences. Simplify mobile app design with our Android and iOS designers, and build your own app today.

Learn more about Xamarin Designers for [Visual Studio](#) and [Xamarin Studio](#).

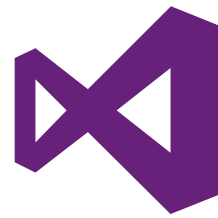
IDEs for all of your ideas.

Use Xamarin with Visual Studio, or try Xamarin Studio, our free development environment for Mac and Windows.



Xamarin Studio
for Mac and Windows

[Learn more](#) ▶

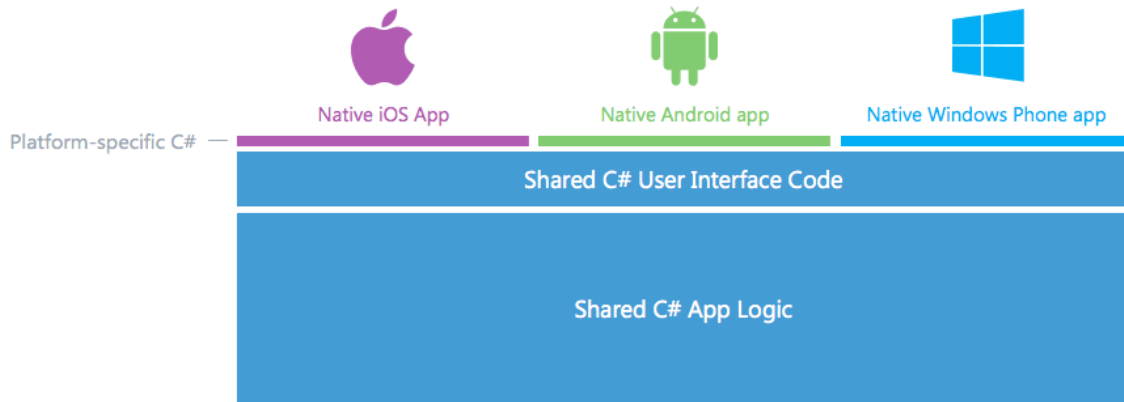


Visual Studio
for Windows

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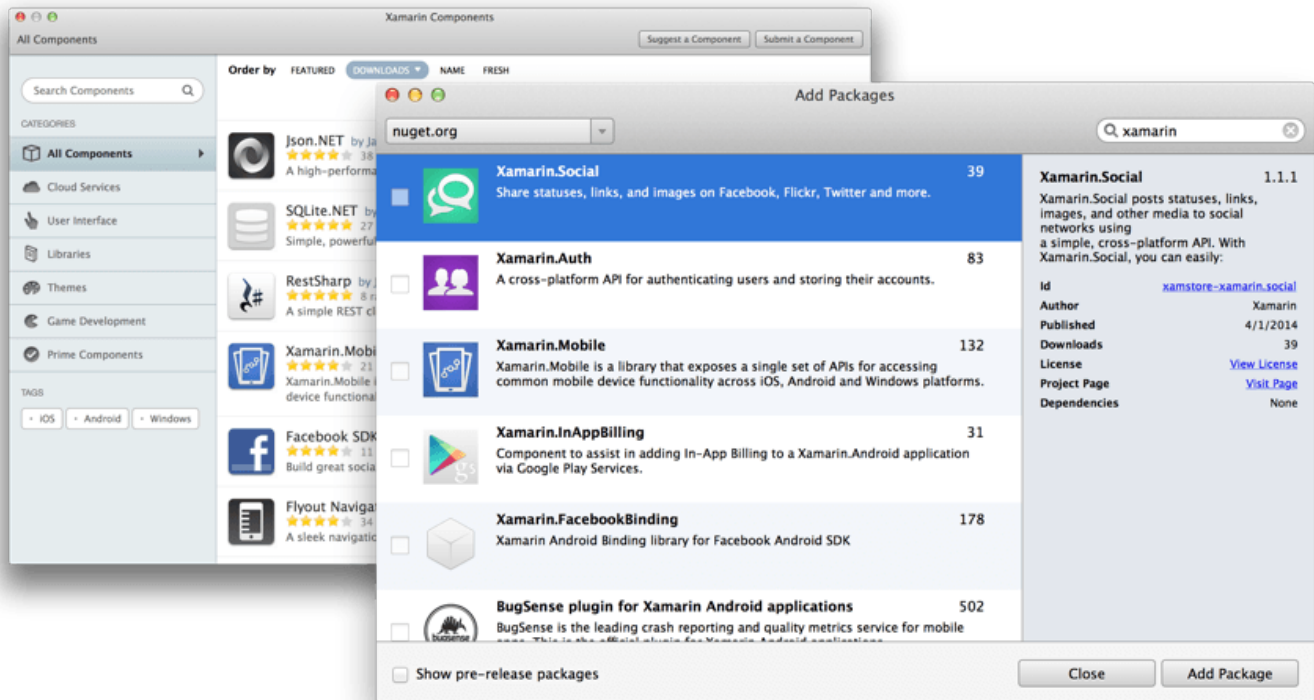
Xamarin apps share code across all platforms.

Target iOS, Android, Windows and Mac with a single, shared C# codebase. Use the same language, APIs and data structures on every platform. Build interfaces with [Xamarin.Forms](#) and share nearly 100% of your code.



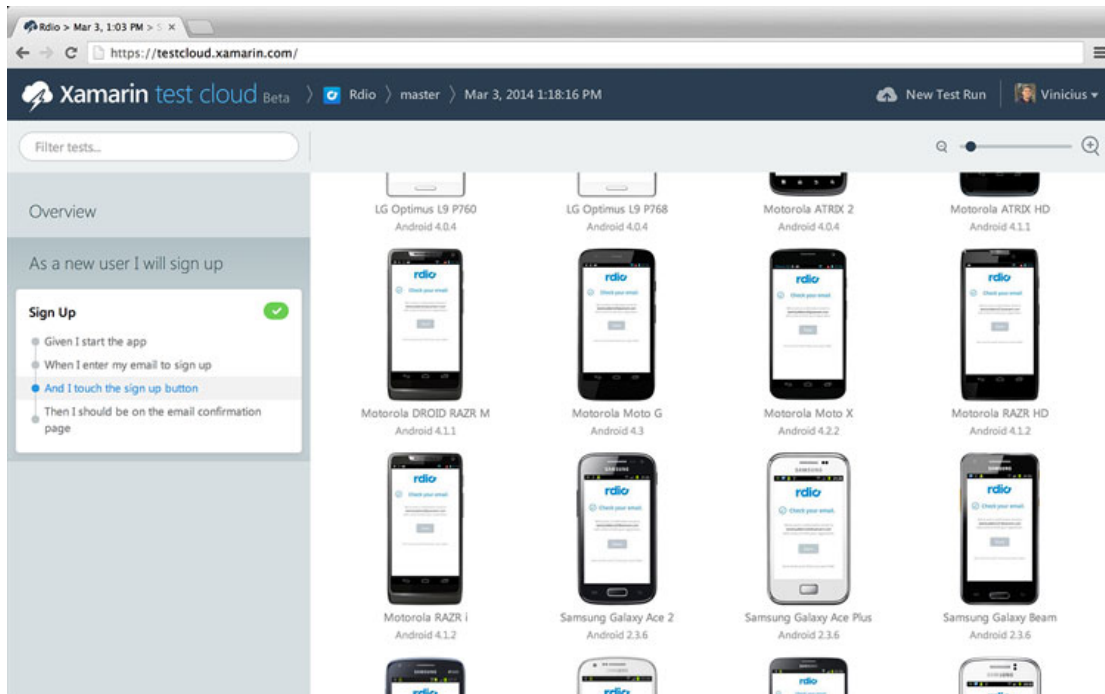
Xamarin apps are better connected.

Use NuGet and choose from over 20,000 existing .NET libraries, or pull in curated SDKs like Microsoft Azure, SAP and Salesforce from the Xamarin [Component Store](http://xamarin.com/componentstore).



Test any app on hundreds of real devices with Xamarin Test Cloud.

Run automated UI tests for any iOS or Android app across hundreds of real devices in our secure testing facility. Catch hard-to-find bugs before users do by monitoring performance across device models, OS versions and screen sizes.



[Learn more about Xamarin Test Cloud](#) ►

Become a mobile maven at Xamarin University.

Live online classes, taught by mobile experts, offered six days a week and scheduled conveniently for all major timezones.

[Learn more about Xamarin University](#) ►

With Xamarin, you're in good company.

The Bosch logo, consisting of the word "BOSCH" in a bold, red, sans-serif font.The Cognizant logo, featuring a stylized globe icon with green and blue segments, followed by the word "Cognizant" in a black, sans-serif font.The GitHub logo, consisting of the word "GitHub" in a bold, black, sans-serif font.The Microsoft logo, featuring the four-colored square icon followed by the word "Microsoft" in a black, sans-serif font.The Dow Jones logo, consisting of the words "DOW JONES" in a black, sans-serif font.The Kimberly-Clark logo, featuring a circular icon with a stylized 'K' and 'C', followed by the words "Kimberly-Clark" in a blue, sans-serif font.The BlueCross BlueShield logo, featuring a blue cross and shield icon, followed by the words "BlueCross BlueShield" in a blue, sans-serif font.The McKesson logo, consisting of the word "McKESSON" in a bold, blue, sans-serif font.The Nielsen logo, consisting of the word "nielsen" in a blue, sans-serif font, with a series of dots below it.The Honeywell logo, consisting of the word "Honeywell" in a red, sans-serif font.The Kellogg's logo, consisting of the word "Kellogg's" in a red, cursive script font.The Johnson Controls logo, featuring the words "Johnson Controls" in a blue, sans-serif font, with a stylized globe icon to the right.

What experts are saying about Xamarin.

"Xamarin offers the best of all worlds. We deliver high performance, native apps that, until Xamarin, were only possible with Objective-C and Java. Sharing over 50,000 lines of code across platforms gives us more time to spend on great user experiences."



Matt Crocker
Director of Client Engineering, Rdio

"Xamarin's platform enabled our engineering team to become native mobile developers almost overnight, eliminating the expense of hiring scarce, expensive platform-specific developers."



David Fuller
Vice President of Software R&D,
National Instruments

"Xamarin's architectural approach provides completely native UIs with better performance than other cross-platform techniques... Xamarin uses multifaceted technology built by a cohesive team with a solid long-term track record."



Gartner
Magic Quadrant for Mobile
Application Development Platforms

"The broad collaboration between Microsoft and Xamarin is targeted at supporting developers interested in extending their applications across multiple devices. With Xamarin, developers combine all of the productivity benefits of C#, Visual Studio 2013 and Windows Azure with the flexibility to quickly build for multiple device targets."



S. Somasegar
Corporate Vice President, Microsoft
Corporation

Get started today.

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