amazon.com

Azure SDK for Windows Phone

Amazon.com, Inc. is an American multinational electronic commerce company headquartered in Seattle. The company went online as amazon.com in 1995 and is now the world's largest online retailer. Amazon.com also produces consumer electronics and is a major provider of cloud computing services.

In November 2007, the company launched Amazon Kindle, an e-book reader which downloads content wirelessly. The screen uses E Ink technology to reduce battery consumption and to provide a more legible display. Amazon's digital library includes over 850,000 titles. Today, e-book sales for its Kindle reader outnumber sales of hardcover books.

It literally takes minutes to create a Cloud-ready application in C# with this toolkit. We look forward to this toolkit eventually resulting in many more great apps in the rapidly growing Windows Phone marketplace.

Terry Wise
Director of Business Development
Amazon Web Services

The Challenge

Amazon had already released software developer kits (SDK) for its Amazon Web Services (AWS) platform that allow iOS and Android developers to access Amazon's cloud platform in their applications. Now the company wanted to create an SDK so Windows Phone 7 developers using C# could easily write applications that target AWS APIs.

The Solution

Neudesic teamed with Microsoft's Interoperability Strategy team to deliver a mobile SDK for Amazon's AWS platform. Windows Phone 7 developers using C# can now access and consume Amazon's popular services–Simple Storage Service; SimpleDB, its unstructured database service, and Simple Queuing Service– and write applications that target AWS APIs. The SDK was released by the interoperability team to GitHub as an open source project under the Apache MIT license.

The Benefit

The code for Amazon's new SDKs for iOS and Android is available on GitHub to attract developers who were much more likely to be using other tools on that site instead of other open source code repositories, such as CodePlex. Developers can access Windows Azure storage services (blob, table, and queue storage) from iOS and Android devices using Objective C for iOS and Java for Android. With as few as three lines of code, developers can authenticate against Windows Azure, create a connection, and issue a command. A wizard utility also allows developers to run Amazon's SDKs on a Mac.

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