

Visual Studio **LIVE!**
EXPERT SOLUTIONS FOR .NET DEVELOPERS

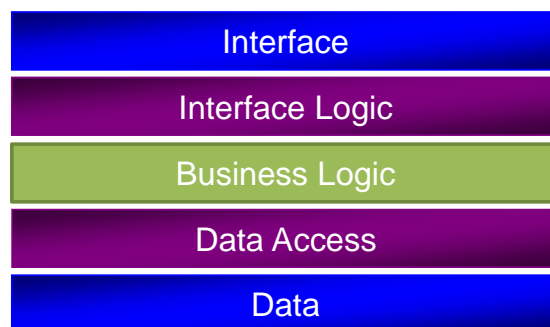
ROCK YOUR CODE
TOUR 2017

CHICAGO

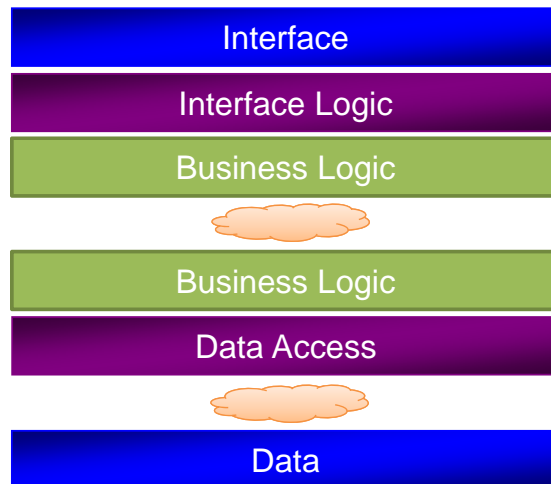
Building Cross-Platform Business Apps with CSLA .NET

Rocky Lhotka
Magenic

N-Layer App Architecture

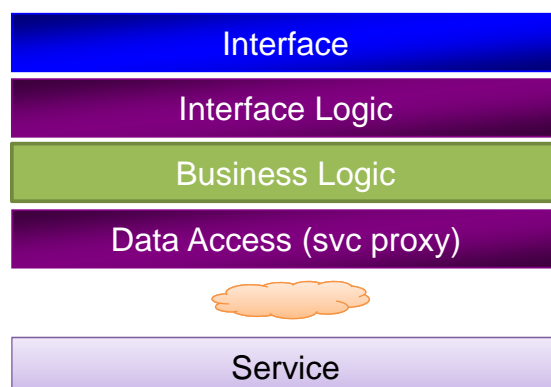


3-Tier App Architecture (shared logic)



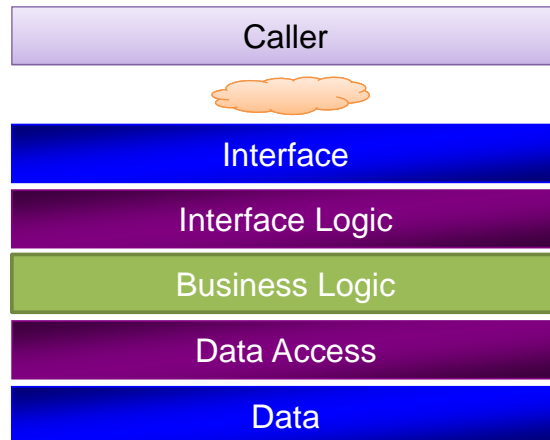
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Edge App Architecture



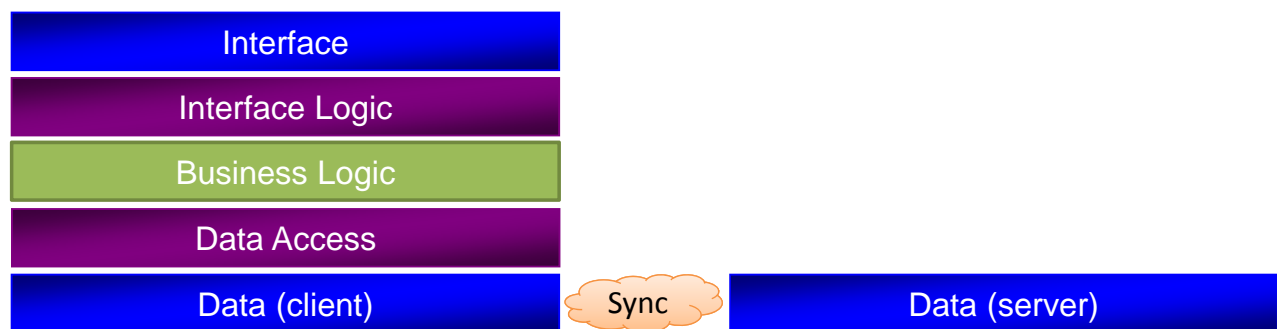
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Service Architecture



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Disconnected Edge App Architecture



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CSLA .NET Development Framework



Lower development, maintenance cost

- Standardize code structure
- Focus on business, not “plumbing”

Built-in support for growth

- Flexible deployment models
- Scalable use of server resources

Abstract .NET

- Leverage, but hide, .NET complexity
- Shield app code from .NET changes



About CSLA .NET



- Cross-platform open-source .NET development framework
- Used by



- Retail
- Manufacturing
- Telecom
- Finance
- Shipping
- Medical
- HR and Payroll
- Sports
- Security
- Media
- Web sales



- National
- State/Province
- Local
- City
- Police
- Fire



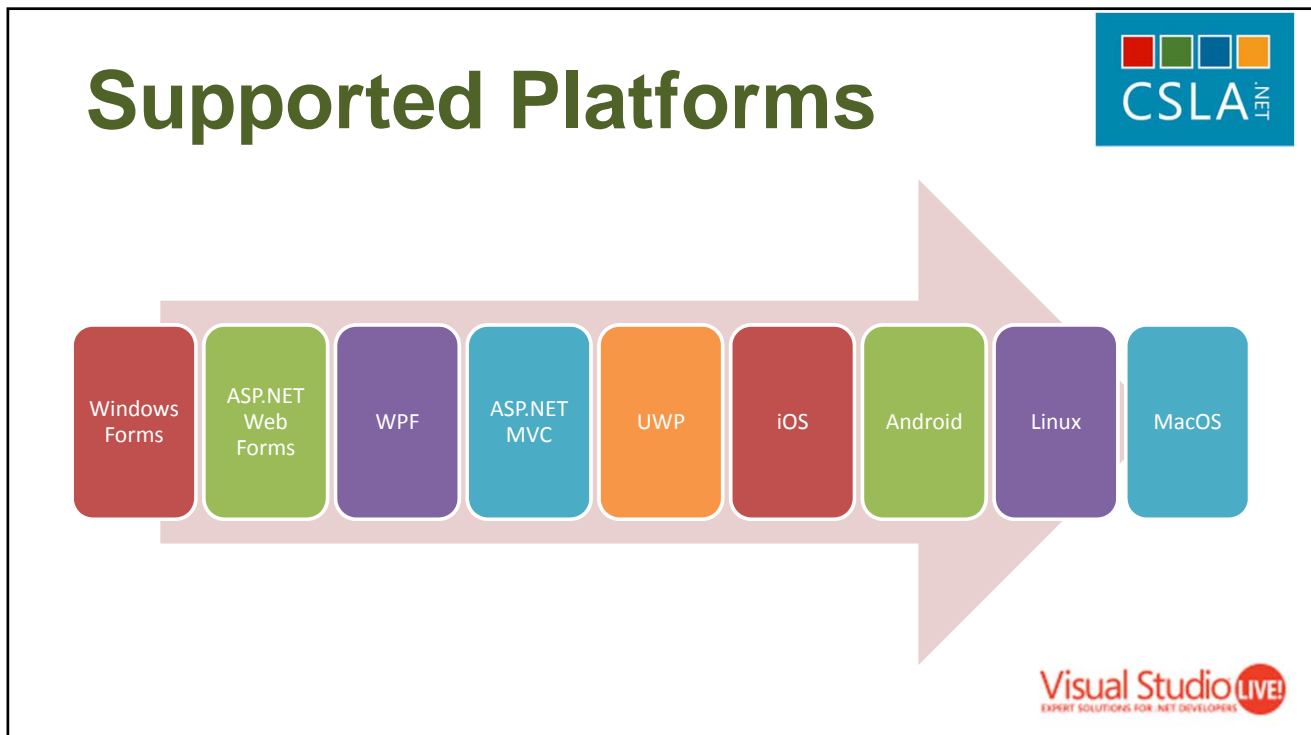
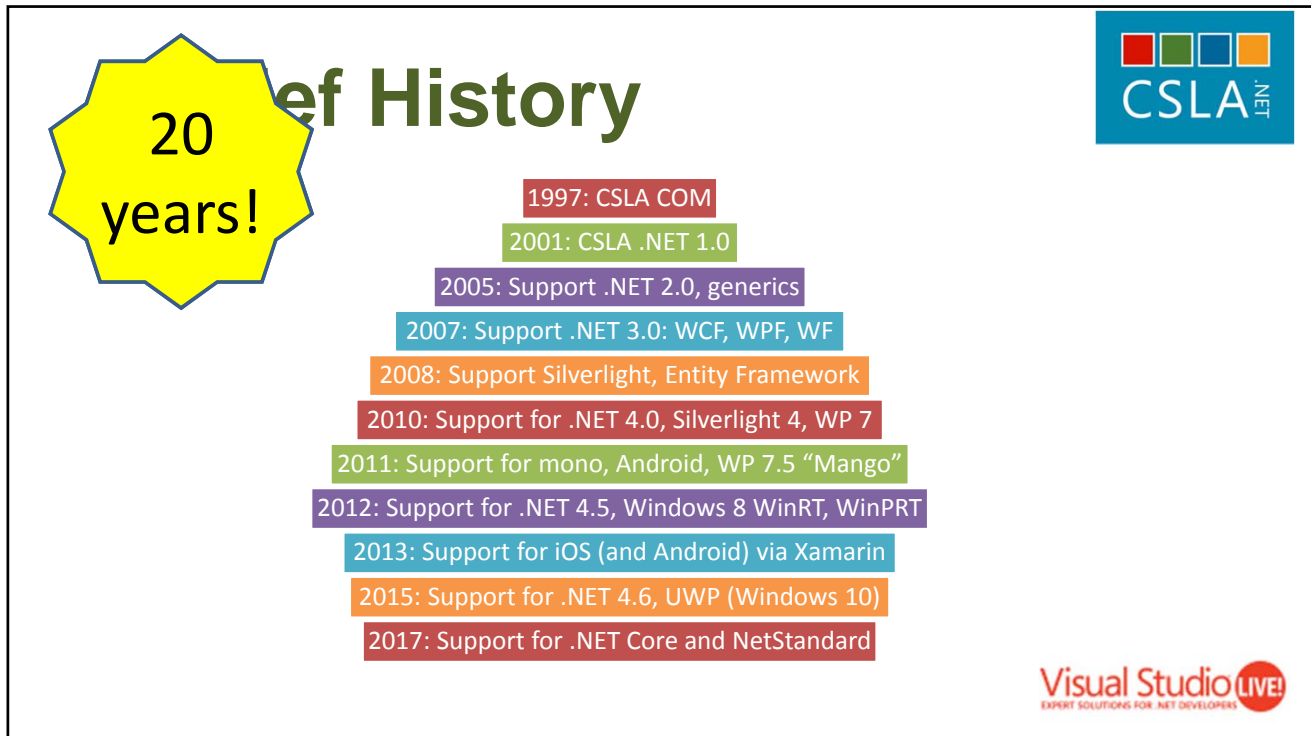
- Military
- International
- NGO
- Education

cslanet.com

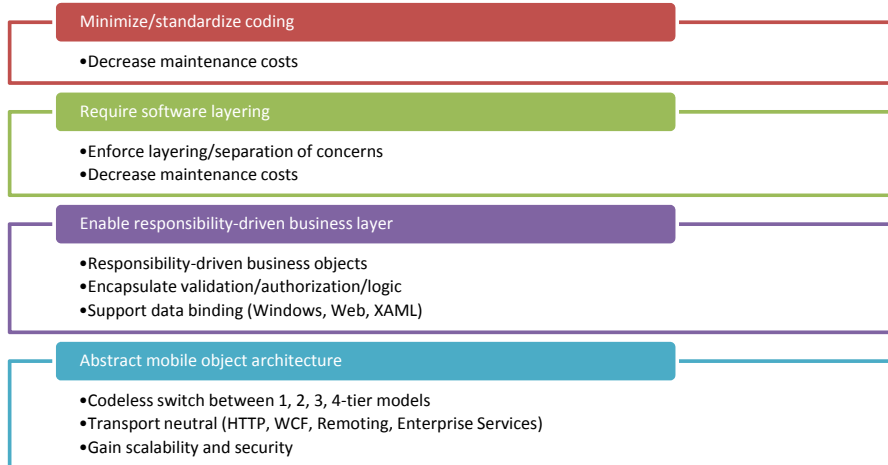
github.com/marimerllc/csla

nuget.org/packages?q=csla+.net



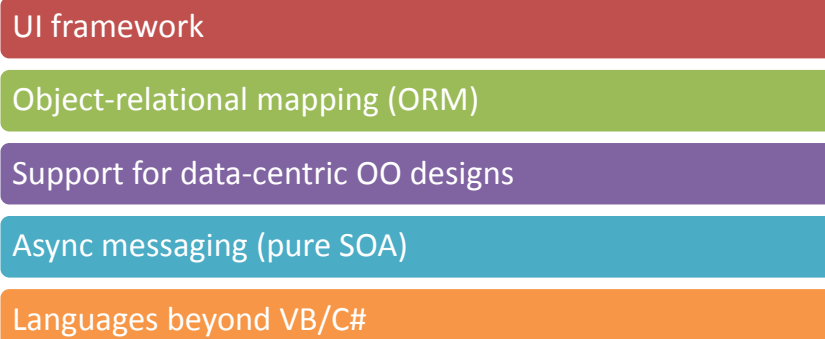


CSLA .NET Goals



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Non-goals



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CSLA .NET Primary Features

Business rules	• Business, validation, authorization
Data binding	• XAML, Xamarin, Windows, Web
Mobile objects	• 1-, 2-, 3- and 4-tier deployment models
Abstract persistence	• ADO.NET, Entity Framework, others
LINQ	• Synced lists, data binding
N-level undo	• Smart client platforms

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Working with Xamarin



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DEMO



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THANK YOU



Microsoft
Regional Director

