

LightSwitch Onramp



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LightSwitch 2011

- “The simplest way to build business applications for the desktop and the cloud.”
- Application *modeling* tool for data-centric applications
- Stand-alone or add-on to Visual Studio 2010 Professional (or better)



Wherefore art thou, LightSwitch?

- Gartner: By 2014, 25% of business apps will be built by “citizen developers”
- Gartner: 6 million information workers are latent application developers
- Simplified tool for citizen developers to build their applications using best practices
- RAD tool for IT departments to empty backlogs



OK, *What* Best Practices?

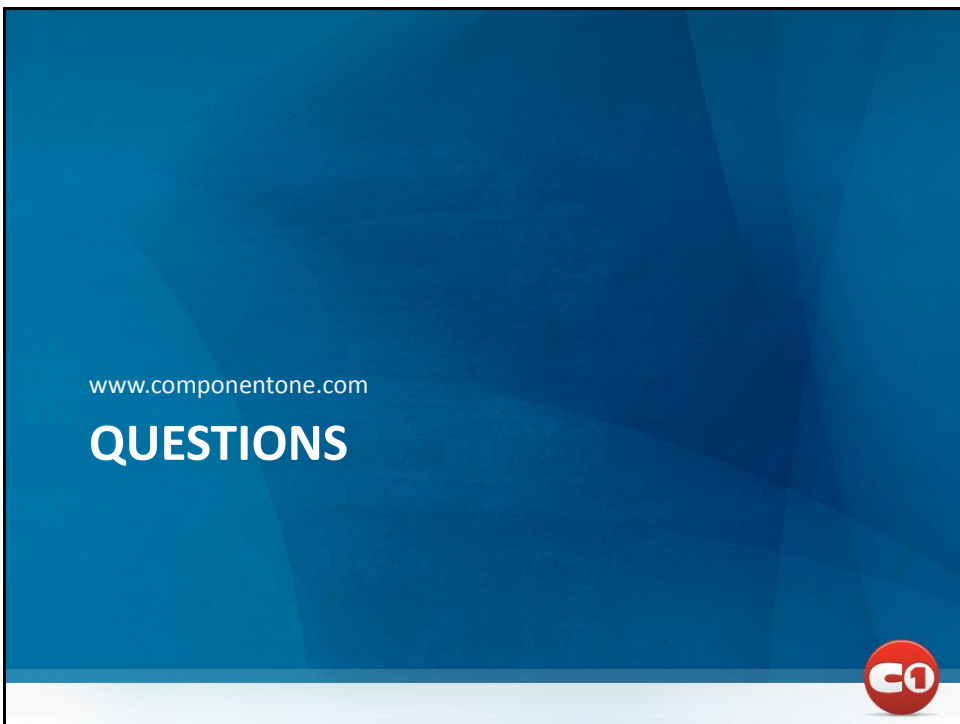
- Silverlight 4
- MVVM
- Entity Framework (database first or model first)
- WCF RIA services
- Paging implemented by default



Internals

- No code, some code, lots of code
- Can add Silverlight user controls
- Can't edit generated code
- Internal communications via WCF RIA services





Sheel Shah Filter Control Sample

Description	Person Calling	Phone Number	Call Type
Wants to buy some Widgets	John Doe	(213) 555-1212	Sales
Needs a quote on 100 Widgets	Frank Jones	(310) 555-1212	Sales
Need Widgets	Jerry Thompson	(818) 555-1212	Sales

<http://code.msdn.microsoft.com/Filter-Control-for-Visual-90fb8e93>

<http://lightswitchhelpwebsite.com/Blog/tabid/61/EntryId/22/Using-The-LightSwitch-Filter-Extension.aspx>



I am a creator / Inventor and innovator



<http://bit.ly/LightSwitchStar>



Resources

- Product Page: <http://www.microsoft.com/visualstudio/en-us/lightswitch>
- Developer Center: <http://msdn.microsoft.com/en-us/lightswitch/default.aspx>
- MSDN Docs: <http://msdn.microsoft.com/en-us/library/ff851953.aspx>
- LightSwitch Training Kit
<http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=23746>
- LightSwitch Team Blog: <http://blogs.msdn.com/b/lightswitch/>
- User Voice: <http://visualstudio.uservoice.com/forums/127959-visual-studio-lightswitch>
- Blue Badge Insights Whitepapers
<http://blogs.msdn.com/b/lightswitch/archive/2011/08/11/visual-studio-lightswitch-technical-white-paper-series.aspx>
- Virtual Academy: <http://www.microsoftvirtualacademy.com/tracks/building-business-apps-with-visual-studio-lightswitch>
- LightSwitch KB: <http://www.codeproject.com/KB/LightSwitch/>
- LightSwitch Help: <http://lightswitchhelpwebsite.com/Home.aspx>
- Alessandro del Sole: <http://community.visual-basic.it/AlessandroEnglish>
- Tim Leung: <http://dotnettim.wordpress.com/>



The 'killer app' for LightSwitch



Ok folks, I am 'gonna call it', we have the "Killer Application" for LightSwitch, [ComponentOne's OLAP for LightSwitch \(live demo\)](#) (you can get it for \$295).

<http://openlightgroup.net/Blog/tabid/58/EntryId/180/LightSwitch-We-Now-Have-Our-Killer-App.aspx>

<http://c1.ms/KillerApp>

<http://componentone.com/lightswitch>



The Info-Tech Application Development Components & Tools Vendor Landscape

Champions receive high scores for most evaluation criteria and offer excellent value. They have a strong market presence and are usually the trend setters for the industry.

Market Pillars are established players with very strong vendor credentials, but with more average product scores.

Innovators have demonstrated innovative product strengths that act as their competitive advantage in appealing to niche segments of the market.

Emerging Players are newer vendors who are starting to gain a foothold in the marketplace. They balance product and vendor attributes, but score lower relative to market Champions.

For a complete description of Info-Tech's Vendor Landscape methodology, see the Appendix.



Info-Tech Research Group

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