

THE 2012 HTML5 DEVELOPER'S SOURCEBOOK

A SUPPLEMENT TO

SDTimes
SOFTWARE DEVELOPMENT

NOVEMBER 2012

DIAMOND SPONSOR



PLATINUM SPONSOR



WIJMO SIMPLIFIES YOUR HTML5 DEVELOPMENT

The biggest challenge .NET developers have when moving to HTML5 is choosing a tool that will simplify their development efforts. Save yourself from searching and turn to Wijmo: a complete kit of more than 40 UI widgets from ComponentOne, a division of GrapeCity, with everything from interactive menus to rich charts.

“If you know jQuery, you know Wijmo,” explains Chris Bannon, project manager at ComponentOne, a division of GrapeCity.

ComponentOne, a division of GrapeCity, is the largest component solution provider in the Microsoft Visual Studio Partner Ecosystem. The company provides data and UI controls for Window, Web and mobile development, with more than two decades of experience and a solid reputation for reliability. Its ComponentOne Ultimate suite of tools and resources has become a favorite among traditional .NET developers. Wijmo is ideal for HTML5 applications.

“There are a number of Silverlight developers looking to build HTML5 applications,” said Bannon. “We added Knockout support in Wijmo to give these developers a familiar MVVM pattern to follow when working with HTML5. Our Knockout support provides declarative markup, live bindings and change tracking. The MVVM features make Wijmo extremely familiar to Silverlight developers so they can build HTML5 applications more quickly.”



CHRIS BANNON

CREATE STUNNING EXPERIENCES ACROSS BROWSERS

Developers using Wijmo rapidly discover their applications perform faster, run smoother, and are more engaging than ever before. Because Wijmo is built with HTML5, jQuery, CSS3 and SVG, its widgets, which include HTML5 chart types, HTML5 gauges and a Data Grid, make applications suitable for today's Web.

Using Wijmo, developers can easily create a consistent look and feel throughout using one of the six professionally designed themes included in the package. Alternatively, they can choose from more than 30 themes from the jQuery UI project, or create a custom theme with ThemeRoller. What's more, each widget is fully themed and theme-able using ThemeRoller. Because Wijmo leverages jQuery and jQuery UI, each widget is feature-rich, easy to learn, and delivers outstanding performance.

Building rich user interfaces that perform well and identically in all browsers is incredibly difficult and time-consuming. Wijmo enables developers to leverage the HTML5 features available in modern browsers while providing similar experiences in older browsers.

“We provide consistent tools across the browsers so developers don't have to waste time trying to achieve that,” said Bannon. “It's a non-trivial task to get those controls and user interface widgets to render almost identically in all the browsers. We save developers that time and effort.”

Wijmo Complete is a commercially licensed kit filled with powerful widgets, including charts and grids. The product is ideal for companies and enterprises as they embark in transitioning to HTML5. Bannon stated, “The UI created works in every browser and on every device, so developers don't have to worry about compatibility issues.”

Since its introduction in 2011, Wijmo has become an incredibly popular option for creating the modern Web. “The growth has been outstanding over the last two years,” said Bannon. “There are thousands of sites in the top million using it, and Fortune 500 companies are signing on. Developers are impressed with its ease of use.”

Soon, ComponentOne will extend Wijmo to Windows 8 and release the product as ComponentOne Studio for WinJS.

“We are dedicated to providing the tools developers need; you will always see us creating innovative tools for emerging platforms like HTML5 and Windows 8,” said Bannon. “At the same time, we will always support our existing customers' needs. That's why we will support ActiveX products and so much more. Our wide array of tools helps developers save time and money when building any type of application.”

To learn more, visit www.wijmo.com. ▼

SCHOOLWIRES DRIVES MORE TRAFFIC WITH WIJMO

Schoolwires developed a website and community management system called Centricity 2 that enables K-12 school districts to communicate with staff, students and parents more efficiently. More than 8,000 schools across the United States are using Centricity 2 to create branded user experiences for their communities that include blogs, forums, surveys and user ratings. Users can quickly create forms and surveys as well as send out broadcast or targeted e-mails.

Schoolwires evaluated the .NET Framework, but was concerned that the native UI controls were too server-dependent and needed a better client/presentation layer. The development team was researching ways to adopt a lightweight AJAX solution paired with jQuery when it discovered Wijmo. Wijmo was selected because it was able to render charts identically in Chrome, Firefox and Internet Explorer. Plus, it provided the lightweight footprint Schoolwires required.

At the time, the Centricity 2 interactive dashboard had been built in Flash, and wouldn't run on all browsers or devices. Wijmo-based charts extended the site's interactive features to mobile devices and older browsers, so thousands more users could access the system. What's more, bandwidth utilization improved and development cycles decreased. Read the whole story at tinyurl.com/cmuxogd. Final grade: A+!



- Built with HTML5, jQuery, CSS3, and SVG
- Themed with ThemeRoller for a consistent look and feel across your entire app
- Works everywhere: IE6+, Firefox 3+, Safari 3+, and Chrome
- Built on jQuery UI
- Knockout Integration Library for seamless MVVM support



UI for the web

wijmo

ComponentOne
a division of GrapeCity

Free trial @
wijmo.com