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# Microsoft ASP.NET And AJAX: Architecting Web Applications (Developer Reference)



## Synopsis

Rethink the way you plan, design, and build Web applicationsâ™ with expert guidance from Web development luminary Dino Esposito. Whether giving legacy sites a much-needed tune-upâ™ or architecting rich Internet applications from the ground upâ™ youâ™ll learn pragmatic approaches to AJAX development that you can employ today. Discover how to:

- Delve into the mechanics and design goals of partial renderingâ™ such as improving page-refresh speed
- Use AJAX-enabled server controls to bring desktop-like functionality to Web solutions
- Apply design patterns to common Web development issues, including client-side data binding
- Manipulate JavaScript more easily using the jQuery and Microsoft AJAX libraries
- Examine the interoperability and security models in Microsoft Silverlight
- Weigh the tradeoffs when architecting Web applications for richness (Silverlight) vs. reach (AJAX)â™ and deliver the right solution for your audience

## Book Information

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## Customer Reviews

Dino is a well respected author and developer. I have read at least five of his books. They range from old school ADO.NET to architecting web applications for the enterprise (highly recommend that

read). This book is well written and organized. The content is heavy on the front end as the title suggests. You will explore the kludgy innards of JavaScript. jQuery and many Ajax approaches are also considered. In addition, Dino puts his own personal spin on patterns and processes. The book starts very well with a background in the Ajax surge. It then jumps into the client side, patterns, binding to the client and ends with RIA's. Overall this is solid and I recommend the read if not quick skimming after the fifth chapter. However, .NET 4.0 is right around the corner. The client side bindings, more jQuery integration and updated Microsoft Ajax JavaScript libraries will change a lot of how this book approaches Ajax. Therefore, its an interim book for those not looking to move to 4.0 and live in at least the 3.5 world for the foreseeable future. It delves into Silverlight a bit and. But has no mention of the ground swell of popularity that is ASP.NET MVC and its fairly elegant Ajax approach. One of the highlights is Dino's insight into the pros and cons of partial rendering vs. full scale asynchronous approaches. I have been on an enterprise application where we had to implement the former. He nailed the reasons why. Read this book if you want a good background in current technologies that are changing at the speed of light. It won't be a gold source for later pick up and review though.

This title couldn't be more perfectly fulfilled than by Esposito's text. Just what you would think; it gives the big picture for architecting while being detailed enough to teach. I read this after reading Calderon and Rumerman's Advanced ASP.NET AJAX controls, and wow does the extra quality in this text really show through when looking at two titles in this same area of study. This text really clarifies. It does a great job of separating ASMX from WCF, while still showing the similarities. It does a great job at reviewing JavaScript just as needed to launch into the MS AJAX Library, and it flows nicely in a great personal tone without being unprofessional in the writing. Definitely the first book to grab if you are interested in how AJAX has come to be a force in the world of the web (even, perhaps, if you are not specifically ASP.NET-centric), and more importantly, what to do about that force. It is one of those books where you think, "Without this information/knowledge I was something of a fool and just didn't know it Good thing I was at least smart enough to get and read it!" I may update this posting when I have completed the text, but I have read in it significantly, and it just keeps getting better.

Most of the Ajax and JavaScript books focus on implementation and that's a good thing. However those books do not describe how Ajax fits within an architecture of an application. This books captures it succinctly. I also recommend author's other book "Microsoft .NET: Architecting

## Applications for the Enterprise"

If you are looking for a AJAX how-to book then this is not the book for you. You have to go through a lot of text to find the development material. Its all theory. Not a single program in its entirety but small functions in lot of text. This book detail about the history, need and architecture. Not for people looking for code samples.

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