

# XAJAX Perfect Choice to Build Scalable Web Applications for Cloud Computing Environments



Lori MacVittie, 2009-09-12

*An interesting thing happens when you combine toolkits like XAJAX and SAJAX and the ability to perform content-based routing: you can actually achieve function-level [load balancing](#) in both cloud-based and traditional architectures.*



As you might have discovered from previous posts mentioning it, I still do web application development to support hobby interests in my (very little) spare time. I'm currently in love with the [XAJAX library](#), which has made development of what is supposed to be a very interactive application nearly effortless.

I'm also very much enamored of [load balancing](#)/application delivery and cloud computing, specifically how to get the most out of the latter using the former. XAJAX is a perfect example of how the choice of development environment can impact – positively – the ability of an intelligent intermediary to drill-down into the [application workload on a functional basis](#) and more efficiently distribute requests to get the most out of an architecture.



Before someone argues that [SAJAX](#) is a better choice I'll include it, as well, as a "this is a great option, too" for cloud computing environments. XAJAX is strictly for PHP (which is fine for me but not for everyone) while SAJAX supports a broader range of languages and data formats – XAJAX supports only XML, which for purposes of integrating with my [BIG-IP](#) via [iControl](#) is just fine but again, may not suit everyone's needs. Both XAJAX and SAJAX pass as part of the data exchange the server-side function being invoked, which is really what's necessary to accomplish load balancing at the functional layer and what makes both very well-suited to building highly scalable web applications for cloud computing deployment.

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