**Background of JavaScript & jQuery**

Why was JavaScript created and what was the purpose for making a JavaScript library like jQuery? To answer this generally and briefly, we wanted to change the world by sharing information with each other. The World Wide Web provides a way to share information, sell products, gain exposure, and become a source of information by writing a blog and sharing your expertise. Unfortunately you aren’t able to do that very well or in any efficient manner with just plain static web pages. Enter JavaScript front and center. Though it’s seen its dark times, JavaScript is finally being respected and recognized for being a brilliant language to create dynamic web pages, engaging user experiences, and intuitive, user-friendly interfaces that we can find all over the World Wide Web (John WIley & Sons, Inc., 2014).

**The Modern Day Use of JavaScript & jQuery**

How are they being put into practical use today?

A great look into how JavaScript specifically is being used to create new innovative experiences for developers and designers alike, James Governor, Red Monk co-founder. [Kinoma Create](http://www.kinoma.com/create/) (2014) stated, “JavaScript has the most momentum of any programming language in the last 20 years because it is a high-level professional language that is easy to get started with, fast, and forgiving” (PR, N., 2014).

JavaScript is used to create unique and memorable user experiences on websites. Some examples of these uses are forms. Creating dynamic forms that respond to the users input as they type is a small but very effective way to engage your users. Providing error feedback so they don’t have to wait until after submitting the form that the sequence of characters used in their password is invalid. Not only should you display that there is an error, show the user where the error was made, what was wrong, and some suggestions on how to fix it. Now that’s a lot of work! JavaScript and it’s incredible and well supported library, jQuery provides the most flexible, forgiving, developer friendly, cost effective way to really get the “umph” your site is probably lacking. So other things you can see how jQuery is used is by going to [jQuery.com](http://jquery.com) and taking a look around. Check out the extensions link and see what scripts and extensions that have and you might be surprised what some people have come up with!

**Quick look at jQuery**

What are people experimenting on in relation to JavaScript & jQuery?

Aside from being a very fundamental JavaScript Library that is vastly supported across all modern browsers, it is one where you can mock up an app prototype in no time at all. You can use the jQuery UI library to quickly add a clean and finished look to a bleak and drab site. Lacking dynamic content then jQuery will have you covered with the several animation capabilities it contains.

# Works Cited

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