Pro's

* Eliminates a lot of cross browser javascript issues
* Lightweight, easy to use, good documentation, gets rid of nearly all cross-browser issues and normalizes the event model. - it is powerful, clean, well documented, and extremely popular
* Can perform complicated Javascript operations in little code
* Can easily add Ajax functionality to app
* Has built in UI and effects libraries
* Large community
* Useful for selecting and iterating over sets of DOM nodes
* Eliminates some inconsistencies between browsers
* Makes it easy for inexperienced JavaScript developers to do relatively complex scripting tasks
* There are plug-ins
* Bugs get identified and fixed quickly

Con's

* Overhead of adding extra javascript to page
* Learning curve may not be short for some developers
* Regular updates that change existing behaviour
* Some confusing fundamental API methods (e.g. attr() method: what *exactly* does it do? It certainly blurs the line between attributes and properties)
* Encourages "chaining", which leads to code that is difficult to debug: in a long chain of jQuery method calls, there's nowhere to put logging statements, so you need a full-on debugger
* Short list of supported browsers
* A general point about general purpose libraries: they encourage developers not to attempt to understand the underlying problems that the libraries try to solve, leading to a tendency to think of the library as being magical and to use it for absolutely everything
* Adds 70K of JavaScript to every page where it's used when often a few bytes of non-jQuery code would do
* Performance is generally much slower than the equivalent (well thought-through) non-jQuery code
* Quality of plug-ins is very variable

<http://www.jscripters.com/jquery-disadvantages-and-advantages/>

<http://stackoverflow.com/questions/2605327/what-are-pros-and-cons-when-choosing-jquery-as-my-primary-javascript-library>

# JQUERY: ADVANTAGES AND DISADVANTAGES

JQuery has been a blessing for several web developers, experienced and newbie alike. It is a library for Javascript that immensely simplifies programming with javascript providing very easy to use, condensed syntax to achieve even apparently complex tasks with Javascript. The use of JQuery has several benefits over using other javascript libraries or the raw javascript itself but it does have a few negative points that you might want to consider if you plan on developing a website with JQuery as well.

## Advantages

* **Ease of use**  
  This is pretty much the main advantage of using JQuery, it is a lot more easy to use compared to standard javascript and other javascript libraries. Apart from simple syntax, it also requires much less lines of code to achieve the same feature in comparison.
* **Large library**  
  JQuery enables you to perform hordes of functions in comparison to other Javascript libraries.
* **Strong opensource community. (Several jQuery plugins available)**  
  JQuery, while relatively new, has a following that religiously devote their time to develop and enhance the functionality of JQuery. Thus there are hundreds of prewritten plugins available for download to instantly speed up your development process. Another advantage behind this is the efficiency and security of the script.
* **Great documentation and tutorials**  
  The JQuery website has a comprehensive documentation and tutorials to get even an absolute beginner in programming to get the ball rolling with this library.
* **Ajax support**  
  JQuery lets you develop Ajax templates with ease, Ajax enables a sleeker interface where actions can be performed on pages without requiring the entire page to be reloaded. A pretty but simple example of this can be seen above the fold on[**HowToRefinanceYourMortgage.net**](http://www.howtorefinanceyourmortgage.net/).

## Disadvantages

* **Functionality maybe limited**  
  While JQuery has an impressive library in terms of quantity, depending on how much customization you require on your website, functionality maybe limited thus using raw javascript maybe inevitable in some cases.
* **JQuery javascript file required**  
  The JQuery javascript file is required to run JQuery commands, while the size of this file is relatively small (25-100KB depending on server), it is still a strain on the client computer and maybe your web server as well if you intend to host the JQuery script on your own web server.

Well, as you can see the advantages heavily outweigh the negative effects of using JQuery so it is without a doubt a winner if you are looking to develop an interface using javascript commands.