BoilerPlate Plugin Tutorial

(function( $ ) {

$.fn.myPlugin = function() {

// Do your awesome plugin stuff here

};

})( jQuery );

* to make sure that your plugin doesn't collide with other libraries that might use the dollar sign, it's a best practice to pass jQuery to an [IIFE (Immediately Invoked Function Expression)](http://benalman.com/news/2010/11/immediately-invoked-function-expression/) that maps it to the dollar sign so it can't be overwritten by another library in the scope of its execution.

;(function ( $, window, undefined ) {

$.fn.myPlugin = function() {

// Do your awesome plugin stuff here

};

}(jQuery, window));

* Also, you can see that undefined will be used here as the undefined global variable in ECMAScript 3 is mutable (ie. it can be changed by someone else). Undefined isn't really being passed in so we can ensure the value of it is truly undefined. In ES5, undefined can no longer be modified.
* And window will be passed through as local variables rather than globals as this (slightly) quickens the resolution process and can be more efficiently minified (especially when both are regularly referenced in your plugin).
* Let's add a semi-colon before function invocation as a safety net against concatenated scripts and/or other plugins which may not be closed properly.