

# jQuery Plugin Development: Getting Started

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# Who?

- > 6yrs xp, mostly JavaScript
- Implemented / troubleshot 3rd party plugins
- Read lots of API docs
- Developed many JS plugins (incl. jQuery)
  - modal window
  - content sliders
  - form data autofill
  - countdown
  - google maps
  - data templating
  - search boxes
  - JSON API handling

# Overview

1. Basic jQuery plugin structure
2. User Extensions
3. Documentation
4. Github Repository
5. Publish to NPM

onward!

# Basic jQuery Plugin Structure

1. Isolate your functionality
2. Wrap in plugin structure that allows chaining

```
;( function( $ ){  
    $.fn.yourname = function() {  
        return this.each( function() {} );  
    };  
} )( jQuery );
```

# User Extensions

aka “Advanced Functionality”

- Settings
  - `$(“body”).gumboot({separator: “-”});`
- Default Settings
  - `jQuery.fn.gumboot.defaults = {};`
- Methods
  - `jQuery.fn.gumboot.stylize = function(){};`
- Callback

# Documentation

1. Describe the plugin's purpose
2. Each setting name, object type(s), description(s)
  - a. **settingname** (default: "  
*Type: String or Array of Strings*  
A string or array of strings that the plugin uses to ...
3. Example user-defined defaults or methods
4. Use cases with plugin declarations

# Github Repository

(if desired)

1. Create account / log in
2. New repository
3. README.md
4. Use repository link for package.json

[Pull requests](#) [Issues](#) [Gist](#)

Owner



ZachWatkins ▾

/

Repository name

Gumboot



Great repository names are short and memorable. Need inspiration? How about [finna-be-octo-shame](#).

Description (optional)

jQuery plugin that extracts key:value pairs from an element and attaches it to said element as a javascript object.



**Public**

Anyone can see this repository. You choose who can commit.



**Private**

You choose who can see and commit to this repository.



**Initialize this repository with a README**

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None** ▾

Add a license: **MIT License** ▾



Create repository



# Publishing to NPM

1. `$ npm adduser`
  - a. username, password, and email address
2. `$ npm init`
  - a. Use keywords “jquery-plugin” and “ecosystem:jquery”
3. `$ npm publish`

# Questions?

[codepen.io/zw/pen/YXLoWj](https://codepen.io/zw/pen/YXLoWj)

- @zach\_wat
- Github.com/ZachWatkins
- remarklet.com