Introduction to jQuery AJAX

HTTP Methods

- **GET**
- **POST**
- PUT / PATCH
- DELETE

Data Types

- Text
- HTML
- Script
- JSON
- JSONP
- XML

A is for Asynchronicity

- Very hard to work with
- Responses can only be handled using callbacks
    - For success
        - `.done vs success`
    - For failure
        - `.fail vs error`
    - For everytime
        - `.always vs complete`

$.ajax - the wrong way

```
$.ajax({
    url: "",
    dataType: "",
    type: "GET",
    data: {},
    success: function (json) {},
    error: function (xhr, status, error) {},
    complete: function (xhr, status) {}
});
```

$.ajax - the right way

```
$.ajax({
    url: "",
    dataType: "",
    type: "GET",
    data: {}
}).done(function ( json ) {

}).fail(function ( xhr, status, error ) {

}).always(function ( xhr, status ) {

});
```

AJAX Shorthands

- `$.get();`
- `$.getJSON();`
- `$.getScript();`
- `$.post();`
- `load();`

Some links

- AJAX on jQuery
- jQuery: The return flight
- Udacity: Intro to AJAX
- Sitepoint
- Envato Tuts