jQuery library

- **jQuery library**
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    - Callbacks Object

Need to Research

jQuery basic

```
jQuery()
.ready()
.css()
```

```
.addClass()
.appendTo()
.click()
```

```
.html()
.text()
jQuery.noConflict()
```

Core

jQuery Object
```
jQuery()
jQuery.noConflict()
jQuery.when()
```

Utilities
```
jQuery.contains()
jQuery.each()
jQuery.extend()
jQuery.globalEval()
jQuery.grep()
jQuery.inArray()
jQuery.isArray()
jQuery.isEmptyObject()
jQuery.isFunction()
jQuery.isNumeric()
jQuery.isPlainObject()
jQuery.isWindow()
jQuery.isXMLDoc()
jQuery.makeArray()
jQuery.map()
jQuery.merge()
jQuery.noop()
jQuery.now()
jQuery.parseHTML()
jQuery.parseJSON()
jQuery.parseXML()
jQuery.proxy()
jQuery.support
jQuery.trim()
jQuery.type()
jQuery.unique()
```

DOM Element Methods
```
.get()
.index()
.toArray()
```

Internals
```
.jquery
.context
jQuery.error()
.length
.pushStack()
.selector
```

Deferred Object
```
deferred.always()
deferred.done()
deferred.fail()
deferred.notify()
deferred.notifyWith()
deferred.progress()
deferred.promise()
deferred.reject()
deferred.rejectWith()
deferred.resolve()
deferred.resolveWith()
deferred.state()
deferred.then()
.promise()
```

Callbacks Object
```
jQuery.Callbacks()
callbacks.add()
callbacks.disable()
callbacks.empty()
callbacks.fire()
callbacks.fired()
callbacks.fireWith()
callbacks.has()
callbacks.lock()
callbacks.locked()
callbacks.remove()
```

Selectors

Basics
```
*
.class
element
#id
selector1, selectorN, ...
```

Hierarchy
```
parent > child
ancestor descendant
prev + next
prev ~ siblings
```

Basic Filters
```
:animated
:eq()
:even
:first
:gt()
:header
:lang()
:last
:lt()
:not()
:odd
:root
:target
```

Content Filters
```
:contains()
:empty
:has()
:parent
```

Visibility Filters
```
:hidden
:visible
```

Attribute
```
[name|="value"]
[name*="value"]
[name~="value"]
[name$="value"]
[name="value"]
[name!="value"
[name^="value"]
[name]
[name="value"][name2="value2"]
```

Child Filters
```
:first-child
:first-of-type
:last-child
:last-of-type
:nth-child()
:nth-last-child()
:nth-last-of-type()
:nth-of-type()
:only-child
:only-of-type()
```

Forms
```
:button
:checkbox
:checked
:disabled
:enabled
:focus
:file
:image
:input
:password
:radio
:reset
:selected
:submit
:text
```

Traversing

Filtering

.eq()
.filter()
.first()
.has()
.is()
.last()
.map()
.not()
.slice()

Miscellaneous Traversing

.add()
.andSelf()
.contents()
.each()
.end()

Tree Traversal

.addBack()
.children()
.closest()
.find()
.next()
.nextAll()
.nextUntil()
.parent()
.parents()
.parentsUntil()
.prev()
.prevAll()
.prevUntil()
.siblings()

Attributes / CSS

Attributes

```
.attr()
.prop()
.removeAttr()
.removeProp()
.val()
```

CSS

```
.addClass()
.css()
.hasClass()
.removeClass()
.toggleClass()
```

Dimensions

```
.height()
.innerHeight()
.innerWidth()
.outerHeight()
.outerWidth()
.width()
```

Offset

```
.offset()
.offsetParent()
.position()
.scrollLeft()
.scrollTop()
```

Data

```
jQuery.data()
.data()
jQuery.hasData()
jQuery.removeData()
.removeData()
```

Manipulation

Copying

    .clone()

DOM Insertion, Around

    .wrap()
    .wrapAll()
    .wrapInner()

DOM Insertion, Outside

    .after()
    .before()
    .insertAfter()
    .insertBefore()

DOM Insertion, Inside

    .append()
    .appendTo()
    .html()
    .prepend()
    .prependTo()
    .text()

DOM Removal

    .detach()
    .empty()
    .remove()
    .unwrap()

DOM Replacement

    .replaceAll()
    .replaceWith()

Effects

Basics

```
.hide()
.show()
.toggle()
```

Fading

```
.fadeIn()
.fadeOut()
.fadeTo()
.fadeToggle()
```

Custom

```
.animate()
.clearQueue()
.delay()
.dequeue()
jQuery.dequeue()
.finish()
jQuery.fx.interval
jQuery.fx.off
.queue()
jQuery.queue()
.stop()
```

Sliding

```
.slideDown()
.slideToggle()
.slideUp()
```

Ajax

Shorthand Methods
```
.load()
jQuery.get()
jQuery.post()
jQuery.getJSON()
jQuery.getScript()
```

Helper Functions
```
jQuery.param()
.serialize()
.serializeArray()
```

Low-Level Interface
```
jQuery.ajax()
jQuery.ajaxSetup()
```

Global Ajax Event Handlers
```
.ajaxComplete()
.ajaxError()
.ajaxSend()
.ajaxStart()
.ajaxStop()
.ajaxSuccess()
```

Ajax settings

Accepts{}	dataFilter()	processData
async	dataType	scriptCharset
beforeSend()	error()	statusCode{}
cache	global	success()
complete()	headers{}	timeout
contents{}	ifModified	traditional
contentType	isLocal	type
context{}	jsonp	url
converters{}	jsonpCallback	username
crossDomain	mimeType	xhr()
data	password	xhrFields{}