jQuery library

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    - Callbacks Object

Need to Research

jQuery basic

```
jQuery()        .addClass()      .html()
.ready()        .appendTo()      .text()
.css()          .click()         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()
```