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M4Q Loops

M4Q's each() function is used to loop through each element of the target M4Q object.

About

The `m4q` object is an object that contains one or more DOM elements, and exposes all `m4q` functions. It's very useful for multi-element DOM manipulation, looping arbitrary arrays, and object properties. In addition to this function, `m4q` provides a helper function with the same name that can be called without having previously selected or created DOM elements. M4Q's `each()` function is used to loop through each element of the target `m4q` object.

```
$.each($(...), function(...){

})
```

```
$(...).each(function(...){

})
```

Context

Context for iteration function is a element. For access to the context you can use `this`.

```
var array = ['one', 'two', 'three'];
$.each(array, function(){
    console.log(this);
});
// Outputs: one two three
```

Arguments

Iteration functions receive arguments. For array like object or plain object, function receive `element index` and `element`. For json, function receive `element key`, `element` and `element index`.

Array like

```
var array = ['one', 'two', 'three'];
$.each(array, function(i, v){
    console.log(i+">"+v);
});
// Outputs: 0>one 1>two 2>three
```

JSON

```
var json = {
    name: "Vasya",
    email: vasya@domain.com,
    tel: "123456789"
};
$.each(element, function(k, v, i){
    console.log(i+">"+k+">"+v);
});
// Outputs: 0>name>vasya 1>email>vasya@domain.com 2>tel>123456789
```

Set helper

If you already selects elements with m4q constructor, you can use helper m4q function `each()` to iterate by elements.

```
<ul>
    <li>Item 1</li>
    <li>Item 2</li>
    <li>Item 3</li>
</ul>
```

```
$("li").each(function(i, el){
    console.log(this); // HTMLElement li
    console.log(i, el); // index 0, 1, 2, HTMLElement li
});
```

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