



# LE PROTOTYPAGE

```
ecting=false;e.selected=true;e.startselected=true;c.
tend(a.ui.selectable, {version:"1.8.16"})})(jQuery);
rent", axis:false, connectWith:false, containment:false
lse,placeholder:false,revert:false,scroll:true,
       this.containerCache={};this.elem
  this.floating=this.items.length?d.axi
 .items[0].item.css("display")):false;
(ed").removeData("sortable").unbind(".
this},_setOption:func ≥o (d,c){if(d==:
hts.options[d]=c;this.widget()[c?"addCl
cotype._setOption.apply(this,arguments))
.options.disabled||this.options.typess
**sortable-item")==h){e=a(this);retu
(se;a(this.options.handle,e).f
rrentItem=e; this._removeCurrentsFrom
 ****Container=this:this.refreshPosit
                   a loftlithis helper
```

- Tout type est "wrappé" par un objet
- Tout objet contient un propriété prototype
- *prototype* contient l'ensemble des méthodes et propriétés accessibles de l'objet hérité
- Héritagevar Object2 = Object.create(Object1);

```
selecting=false;e.selected=true;e.startselected=true;c.
tend(a.ui.selectable, {version:"1.8.16"})})(jQuery);
rent", axis:false, connectWith:false, containment:false,
lse,placeholder:false,revert:false,scroll:true,s
    ns;this.containerCache={};this.element.addCl
); this.floating=this.items.length?d.axis==="x"
s.items[0].item.css("display")):false;
*led").removeData("sort/ e").unbind(".
this},_setOption:function(d,c){if(d===
his.options[d]=c;this.widget()[c?"addCl
cotype._setOption.apply(this,arguments))
.options.disabled||this.options.type==
is, sortable-item") == h) {e=a(this); return
(se;a(this.options.handle,e).find
rentItem=e; this._removeCurrentsFrom.
 ****Container=this:this.refreshPosition
                   a loftl: this, helper.
```

#### Déclaration d'un objet

```
    Accolade (A)
        var myObject = {
                p1: "foo"
                };
    Constructeur (C)
                function MyObject() {
                      this.p1 = "foo"
```

var myObject = new MyObject()

```
mg=false;e.selected=true;e.startselected=true;c.
   (a.ui.selectable, {version: "1.8.16"})})(jQuery);
        :("ui.sortable",a.ui.mouse,{widgetEventPr
     .axis:false,connectWith:false,containment:false
            lder:false,revert:false,scroll:true
        this.containerCache={};this.elem
   his.floating=this.items.length?d.axi
  items[0].item.css("display")):false;
 ed").removeData("sortable").unbind(".
this},_setOption:func €0 (d,c){if(d==
hts.options[d]=c;this.widget()[c?"addCl
otype._setOption.apply(this,arguments))
.options.disabled||this.options.typess
is, "sortable-item")==h){e=a(this);retu
(se;a(this.options.handle,e).
rentItem=e; this._removeCurrentsFrom
 refreshPos.
                    a loftl:this.helpe
```

## Publique

```
Propriétés

- (A)
- (A)

{
    p1: "foo"
};

- (C)
function MyObject() {
    this.p1 = "foo";
}

Méthodes

- (A)

{
    m1: function() {}

    m1: function() {}

    this.m1 = function() {};
}
```

### Prototype

Prototype
myObject.prototype.p1 = "foo";
myObject.prototype.m1 = function() {};

```
welecting=false;e.selected=true;e.startselected=true;c.
 end(a.ui.selectable, {version: "1.8.16"})})(jQuery);
.widget("ui.sortable",a.ui.mouse,{widgetEventPret
 lse,placeholder:false,revert:false,scroll:true,
       this containerCache={};this.elem
  this.floating=this.items.length?d.axi
 s.items[0] item.css("display")):false;
(ed").removeData("sor hie").unbind("
this},_setOption:functio (d,c){if(d===
his.options[d]=c;this.widget()[c?"addCl
cotype._setOption.apply(this,arguments)
.options.disabled||this.options.typess
is, "sortable-item")==h){e=a(this);retu
(se;a(this.options.handle,e).
rentItem=e; this._removeCurrentsFrom
 ***Container=this:this.refreshPosit
                   a loftl: this helper
```

#### Privé

Propriétés

- (A)
Impossible

- (C)

function MyObject() {
 var pr1 = "foo";

Méthodes

- (A)
Impossible

- (C)
function MyObject() {
 var mr1 = function() {};

```
ecting=false;e.selected=true;e.startselected=true;c.
 end(a.ui.selectable,{version:"1.8.16"})})(jQuery);
    dget("ui.sortable",a.ui.mouse,{widgetEventPre
 .axis:false,connectWith:false,containment:false,
lse,placeholder:false,revert:false,scroll:true,
        this.containerCache={};this.elem
   his.floating=this.items.length?d.axi
 5.items[0] item.css("display")):false;
 ("sortab(e").unbind(".
this},_setOption:funct-un(d,c){if(d===
his.options[d]=c;this.widget()[c?"addCl
(atype._setOption.apply(this,arguments))
.options.disabled||this.options.typess
fs, "sortable-item")==h){e=a(this);retu
(se;a(this.options.handle,e).
rrentItem=e; this._removeCurrentsFrom
 ***Container=this:this.refreshPosit
                    - loftl: this. helper
```

### Privilégié

```
Méthodes
Propriétés
      (A)
                              (A)
Impossible
                         Impossible
                              (C)
     (C)
                         function MyObject() {
Impossible
                          var pr1 = "foo";
                          this.ml1 =function() {
                            console.log(pr1);
```



# **Exercice 3 - Prototypons**

#### ./exercice-3/prototype.js

#### Reprendre l'exercice 1 - Manipulation des chaînes

- Rendre toutes les fonctions accessibles pour chaque String, excepté prop\_access Exemples:

```
ucfirst("ma chaine") => "ma chaine".ucfirst()
vig("ma chaine", "ma clé") => "ma chaine".vig("ma clé")
```

Rendre prop\_access accessible pour chaque Object Exemple:

prop\_access(object, "animal.type.name") => object.prop\_access("animal.type.name")



Commit: [DONE] exercice 3



# Exercice 4 Here we go!

https://github.com/kmarques/esgi-cours/jav ascript/exercice-4.md