

## Namespaces

```
if (typeof Ape == 'undefined') {  
  var Ape = {  
    version: 2.0,  
    vendor: 'www.vonaffenfels.de',  
    debug: function(value) {  
      if (typeof console.debug !== 'undefined') {  
        console.debug(value);  
      }  
    }  
  };  
}
```



```
Ape.Element.LoginElement = function() {  
    var self = this,  
        someValue = 'bla';  
  
    function clickHandler(event) {  
        // console.debug(this.someValue);  
        // geht nicht da die function in das closure der bind()  
        // function reingereicht wird die zu dem Zeitpunkt ein  
        // property von dem jQuery-Objekt $('#Login') ist. Somit  
        // ist this === $('#Login')!  
  
        // geht:  
        console.debug(self.someValue);  
        console.debug('was clicked: ' + this.id + ' captured by: ' +  
            event.target.id);  
    }  
  
    this.start = function() {  
        $('#Login').bind('click', {some: 'data'}, clickHandler);  
    };  
}
```

```
var loginElement = new Ape.Element.LoginElement();  
loginElement.start();
```

## Same stuff?

```
// globaler shit!
```

```
var bla = 'blub';
```

```
window.bla = 'blub';
```

```
// in einem anonymen closure aufgehoben;
```

```
(function() {
```

```
    var bla = 'blub';
```

```
    // ist nicht window.bla = 'blub';
```

```
});
```

## make objects

**// 1<sup>st</sup> way**

```
var obj1 = new Object();  
obj1.propertyNameBla = 'bla';  
obj1.propertyNameSayBla = function() {  
    windows.alert(this.propertyName);  
};
```

**// 2<sup>nd</sup> way (JSON-Notation)**

```
var obj2 = {  
    propertyNameBla: 'bla',  
    propertyNameSayBla: function() {  
        windows.alert(this.propertyName);  
    }  
};
```

**// ergo:**

```
new Object() === {}
```

## making function(-objects)

```
function sayBla() {  
    windows.alert('bla');  
};
```

```
var sayBla = function() {  
    windows.alert('bla');  
};
```

```
window.sayBla = function() {  
    windows.alert('bla');  
};
```

```
var sayBla = new Function('windows.alert('bla')');
```