

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
function outer(init) {  
    var x = init; ←  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

outer(10)
init = 10
x = 10
inner = ?

```
> var f = outer(10);
```

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);
```

outer(10)

init = 10

x = 10

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);  
<closure>  
>
```

outer(10)

init = 10

x = 10

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

global variable: f

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);  
<closure>  
>[f(), f(), f()]
```

outer(10)

init = 10

x = 10

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

global variable: f

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);  
<closure>  
>[f(), f(), f()]
```

outer(10)

init = 10

x = 11

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

global variable: f

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);  
<closure>  
>[f(), f(), f()]
```

outer(10)

init = 10

x = 12

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

global variable: f

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);  
<closure>  
>[f(), f(), f()]
```

outer(10)

init = 10

x = 13

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

global variable: f

```
function outer(init) {  
    var x = init;  
    function inner() {  
        x = x + 1;  
        return x;  
    }  
    return inner;  
}
```

```
> var f = outer(10);  
<closure>  
>[f(), f(), f()]  
[11, 12, 13]
```

outer(10)

init = 10

x = 13

inner = <closure>

<closure>

body = { x = x + 1;
 return x; }

caller = <frame>

global variable: f