

Intro to XojoScript: Xojo's Coolest Feature

Marc Zeedar
Publisher and Editor

xDev Magazine and xDevLibrary
www.xdevmag.com
www.xdevlibrary.com



What is XojoScript?

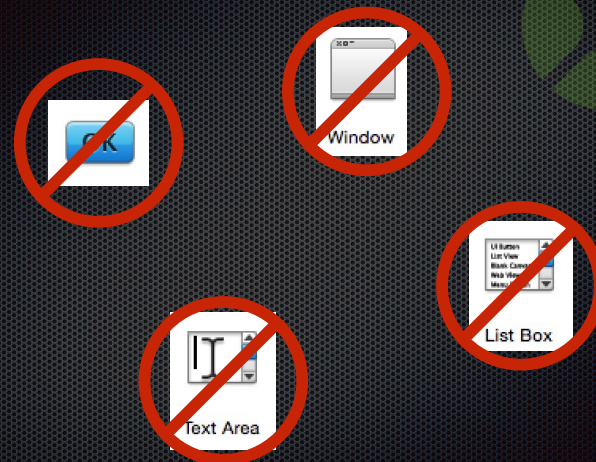
```
dim i, n as integer
for i = 1 to 10
    n = n + square(i)
    print str(i) + ": n = " + str(n)
next i
```

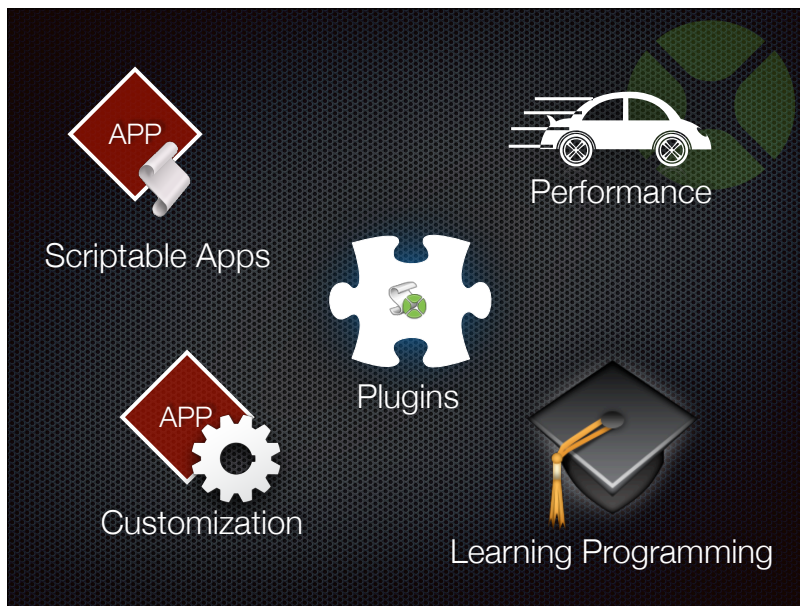
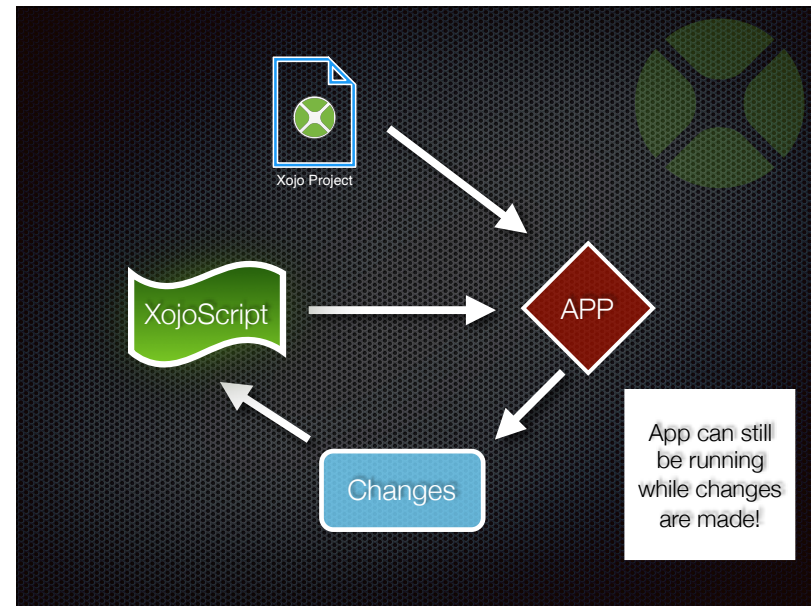
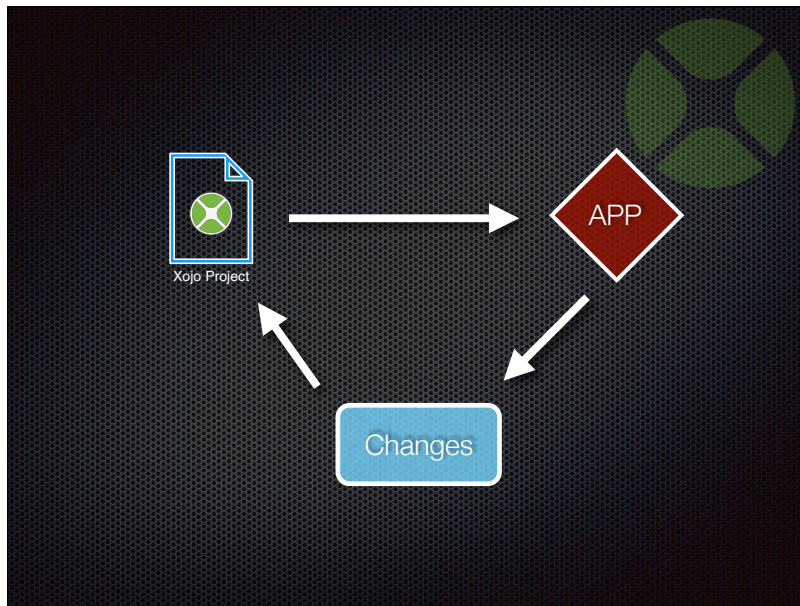
```
function square(num as integer) as integer
    return num * num
end function
```



What *Isn't* XojoScript?

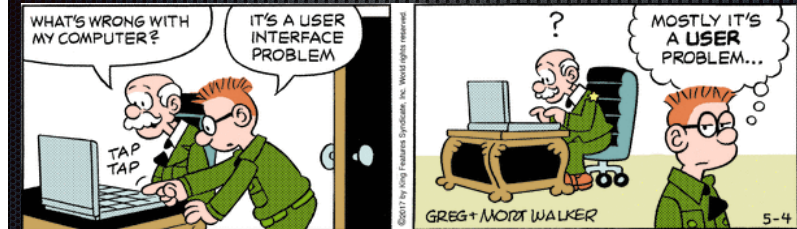
```
dim d as new date
dim f as folderitem
print "Line" + endOfLine
```





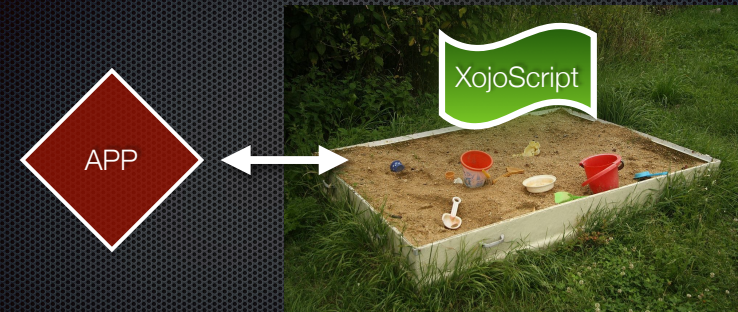
Example:

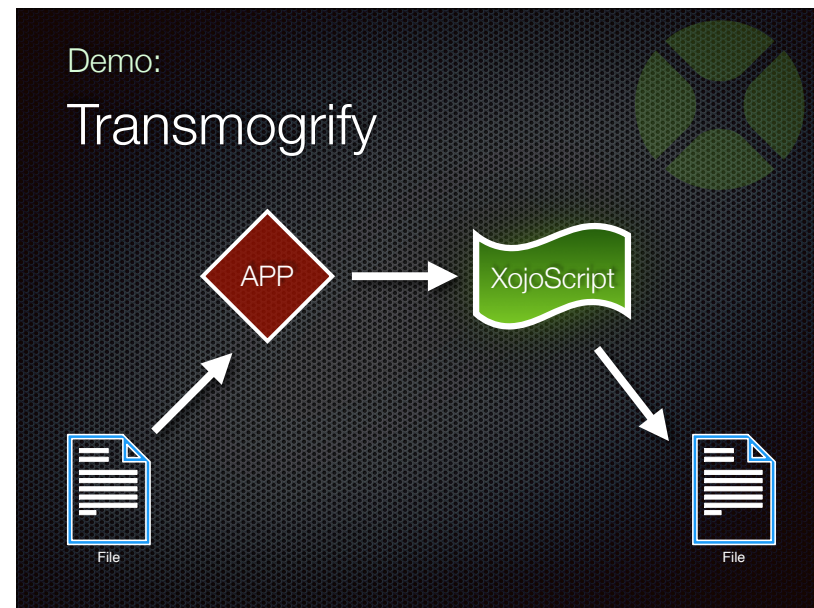
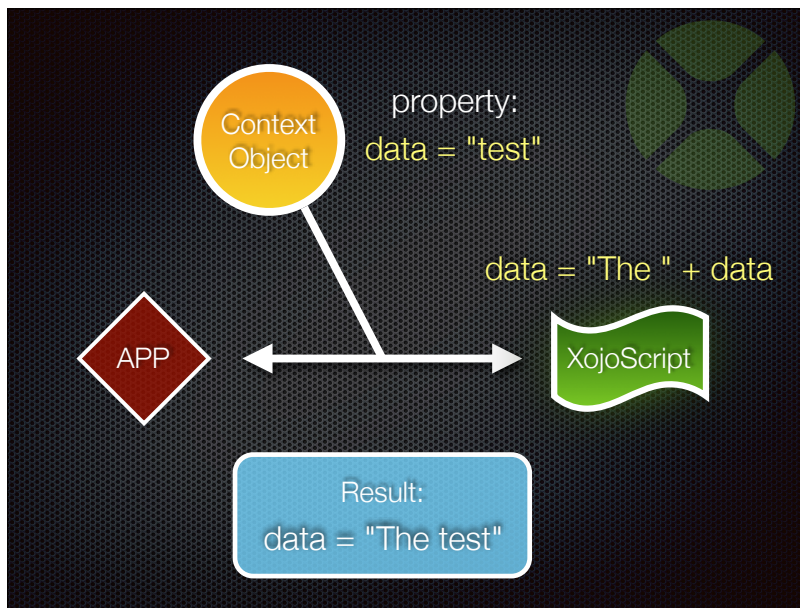
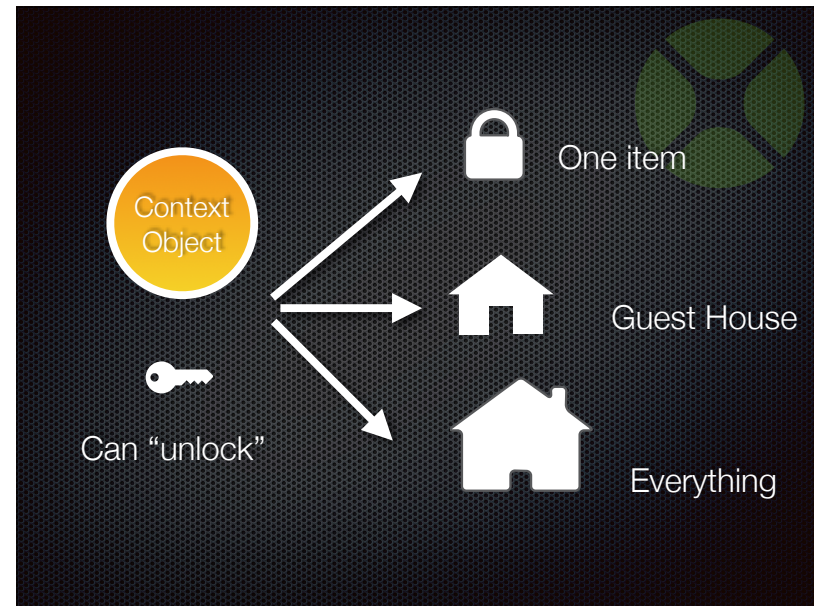
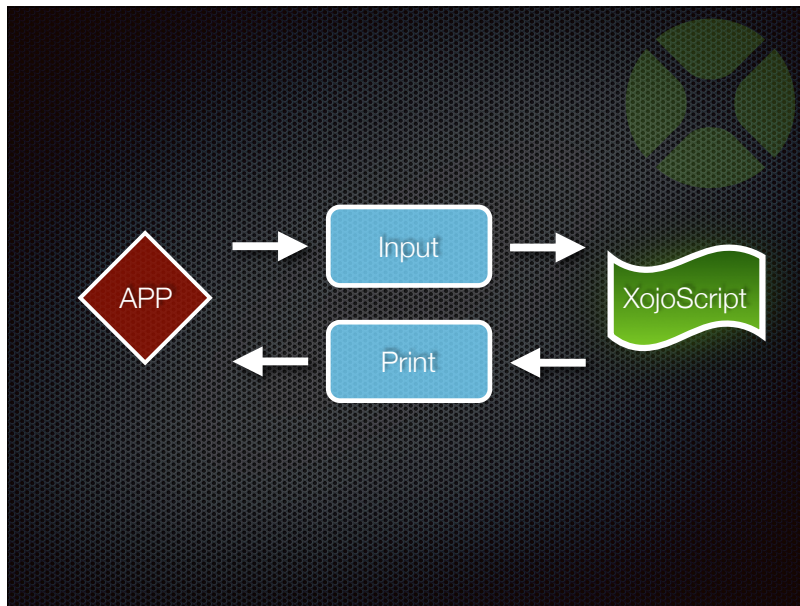
Comic Downloader



```
1 // This parses the HTML of the arcanax page and returns the comic as a URL.-  
2 // by Marc Zeedan-  
3  
4 function parseComic(html as string) as string-  
5   'print "Got to the running of the script."-  
6   dim searchString as string-  
7   searchString = "img src" + chr(34) + "http://www.arcanax.com/newspics/"-  
8   // We're looking for a string like this: img src="http://www.arcanax.com/newspics/20/2048/204811  
9  
10  if contains(html, searchString) then-  
11    dim startFind as integer-  
12    startFind = instr(html, searchString)-  
13  
14    'print "Found: " + mid(html, startFind, 100)-  
15  
16    dim endFind as integer-  
17    endFind = instr(startFind + 12, html, chr(34))-  
18  
19    'print "endFind: " + str(endFind)-  
20  
21    dim url as string-  
22    startFind = startFind + 38 // Move to the start of the URL-  
23    url = mid(html, startFind, endFind - startFind)-  
24    // We're looking for a string like this: img src="http://www.arcanax.com/newspics/114/11468/1146849.gif"-  
25  
26    'print "Returning URL (" + url + ")..."-  
27    return url-  
28  end if-  
29  
30 'print "did not find anything"-  
31 return "Err: Not found."-  
32 end function
```

XojoScripts Are Sandboxed





Q & A

Marc Zeedar

publisher@xdevmag.com

Don't forget to rate this session in the XDC App!



Xojoscript Examples:

<http://www.xdevmag.com/downloads/xdc2019.zip>

Plugin System:

<http://www.xdevmag.com/browse/7.5/7511/>

Comic Downloader:

<http://www.xdevmag.com/browse/10.1/10007/>

Transmogrify:

<http://www.xdevmag.com/browse/9.1/9107/>