

2. Module - Intro

Basics Notes:

Read ewptx-notes module 1 and 2

Unicode has 3 main types:

UTF-8 UTF-16 UTF-32

UTF stands for Unicode Transformation Format and the numbers are the amount of bits used to represent code points

SYMBOL	UNICODE	UTF-8	UTF-16	UTF-32
!	U+0021	21	00 21	00 00 00 21
W	U+0057	57	00 57	00 00 00 57
©	U+2B80	E2 AE 80	2B 80	00 00 2B 80
#	U+2317	E2 8C 97	23 17	00 00 23 17

Same Origin Policy (SOP)

It prevents running JS from different Origin/website. It checks the **Protocol**, **Host** and the **port**. **so the JS file have to be on the same protocol, host and port of the Origin to be able to run the JS file. Requests from different Origins are isolated. So that information on website A are not accessible from any another websites.

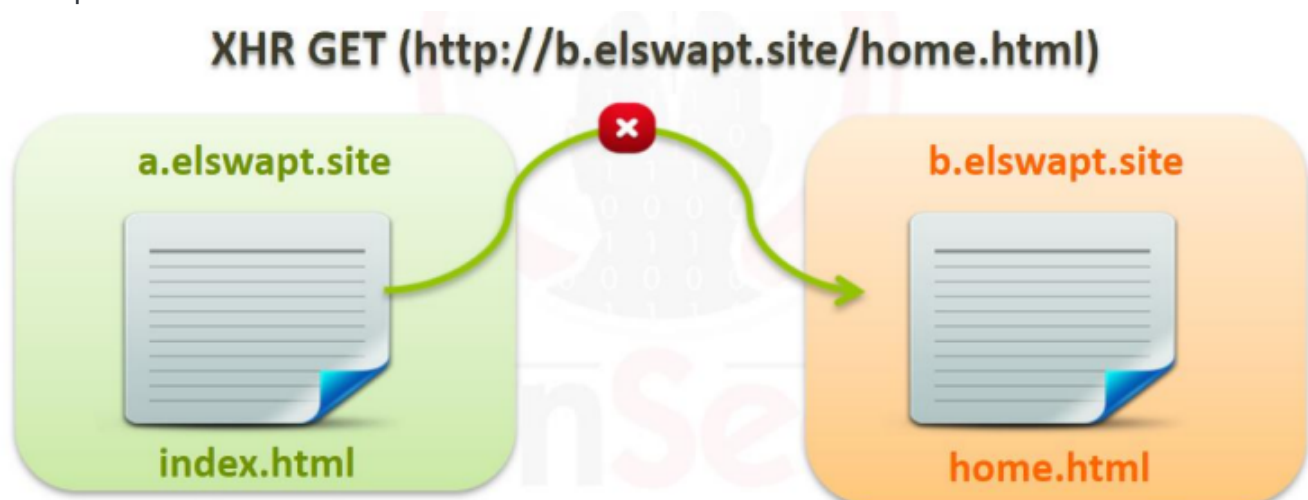
The main Rule is:

"

A document (HTML Page, iframe or response to an Ajax request) can access through JS the properties of another document only if they have the same origin. Images, CSS and JS files are excluded!! The are always accessible regardless their origin, and the browser loads them without consulting SOP

"

examples:



a can't access b

There are several exceptions to SOP restrictions:

`window.location`

`document.domain`

Cross window messaging

Cross origin resource
sharing (CORS)

finished!