

David Scrobonia

17



7



13

8

1



10

Hacking with a Heads Up Display

```
'><script>alert(1)</script>
```

F

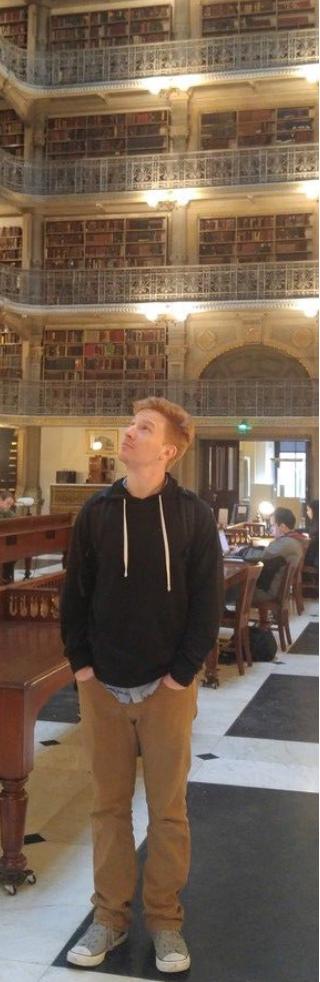
S

SCORE: 001700



x4

ENERGY: |||||



David Scrobonia

Security Engineer @ Segment

Core Team @ Zed Attack Proxy



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we're hiring!

@david_scrobonia

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David Scrobonia

Security Engineer @ Segment

Core Team @ Zed Attack Proxy



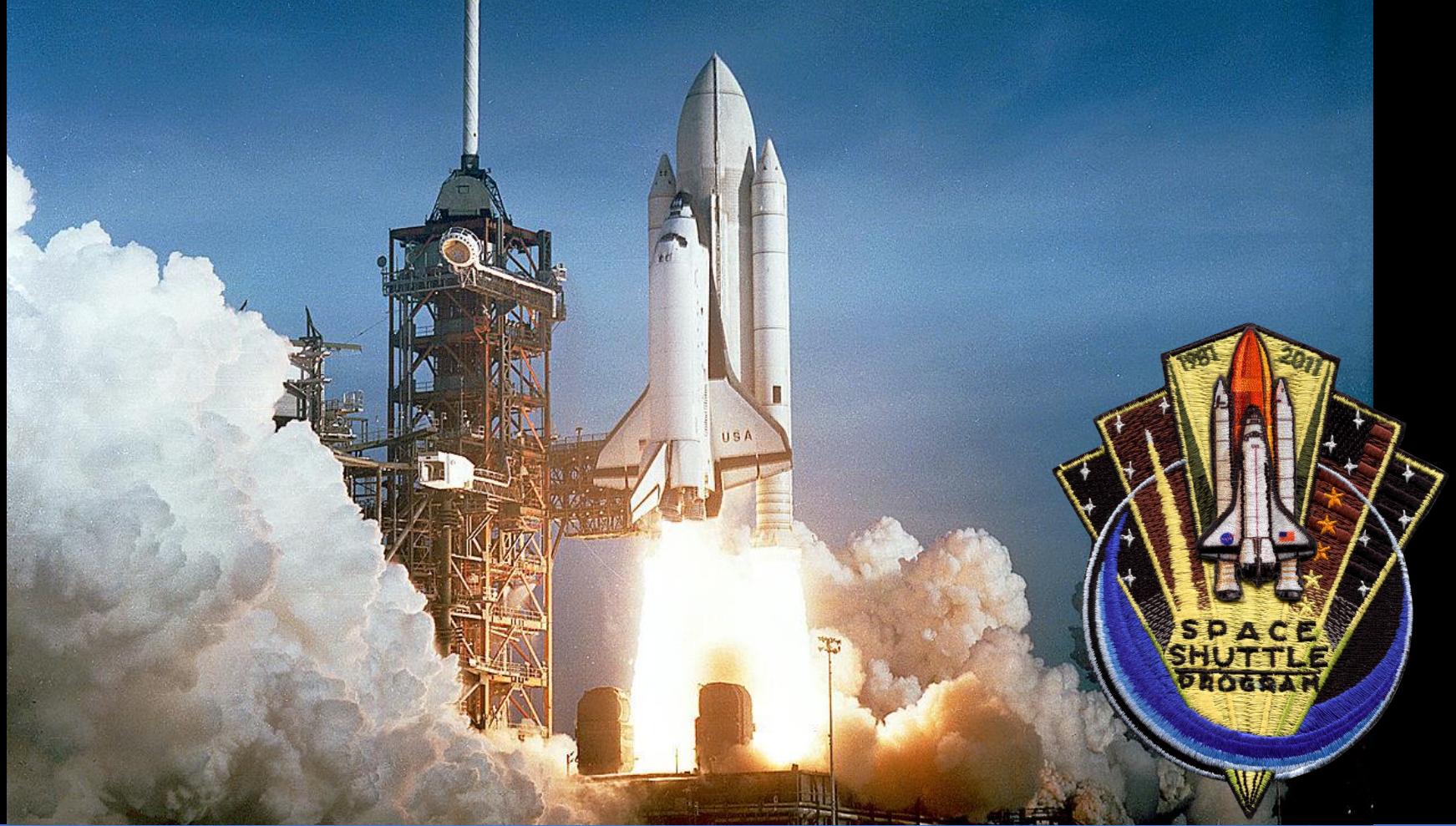
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1980s



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TEARS FOR FEARS
Songs From The Big Chair

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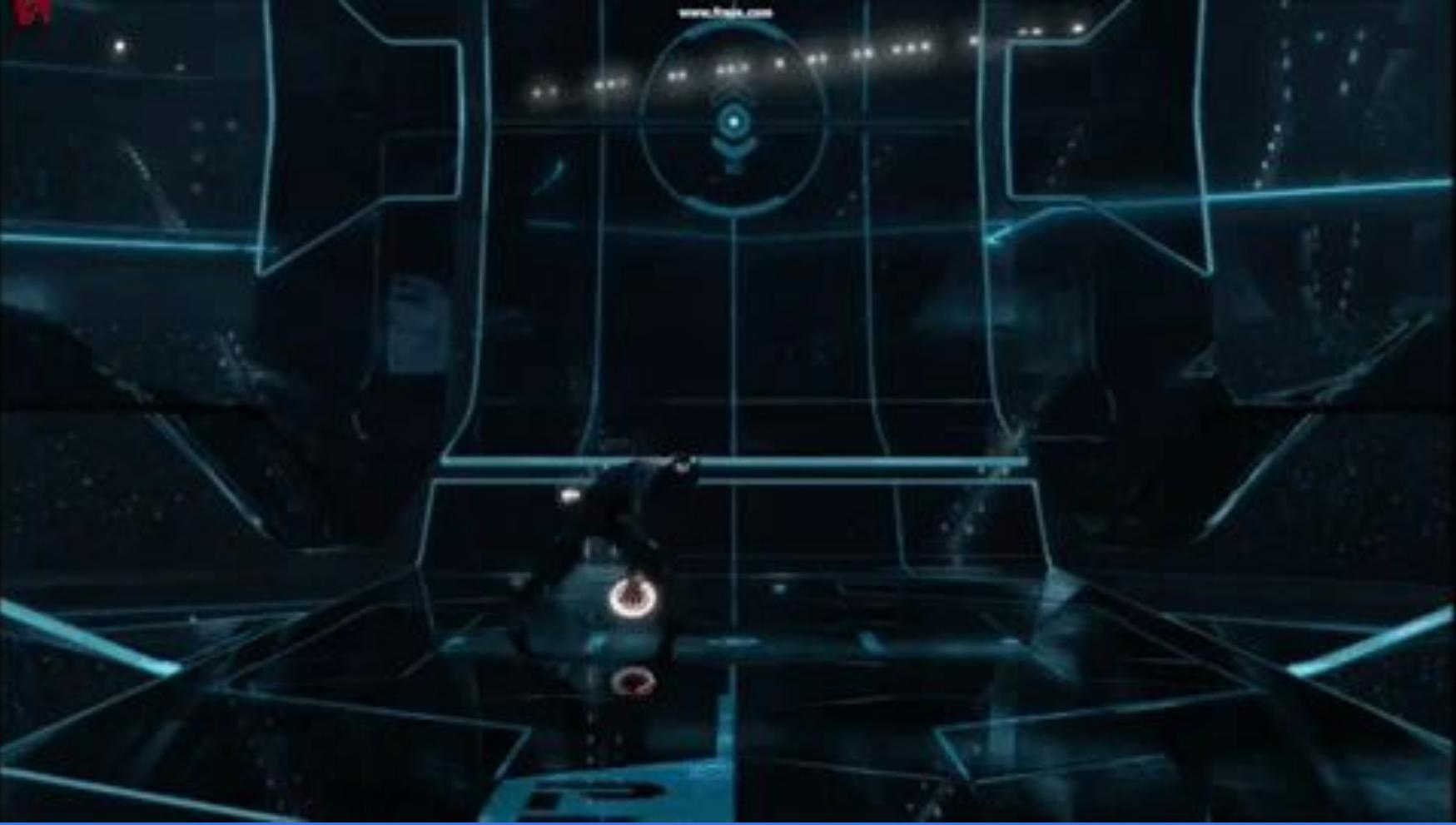
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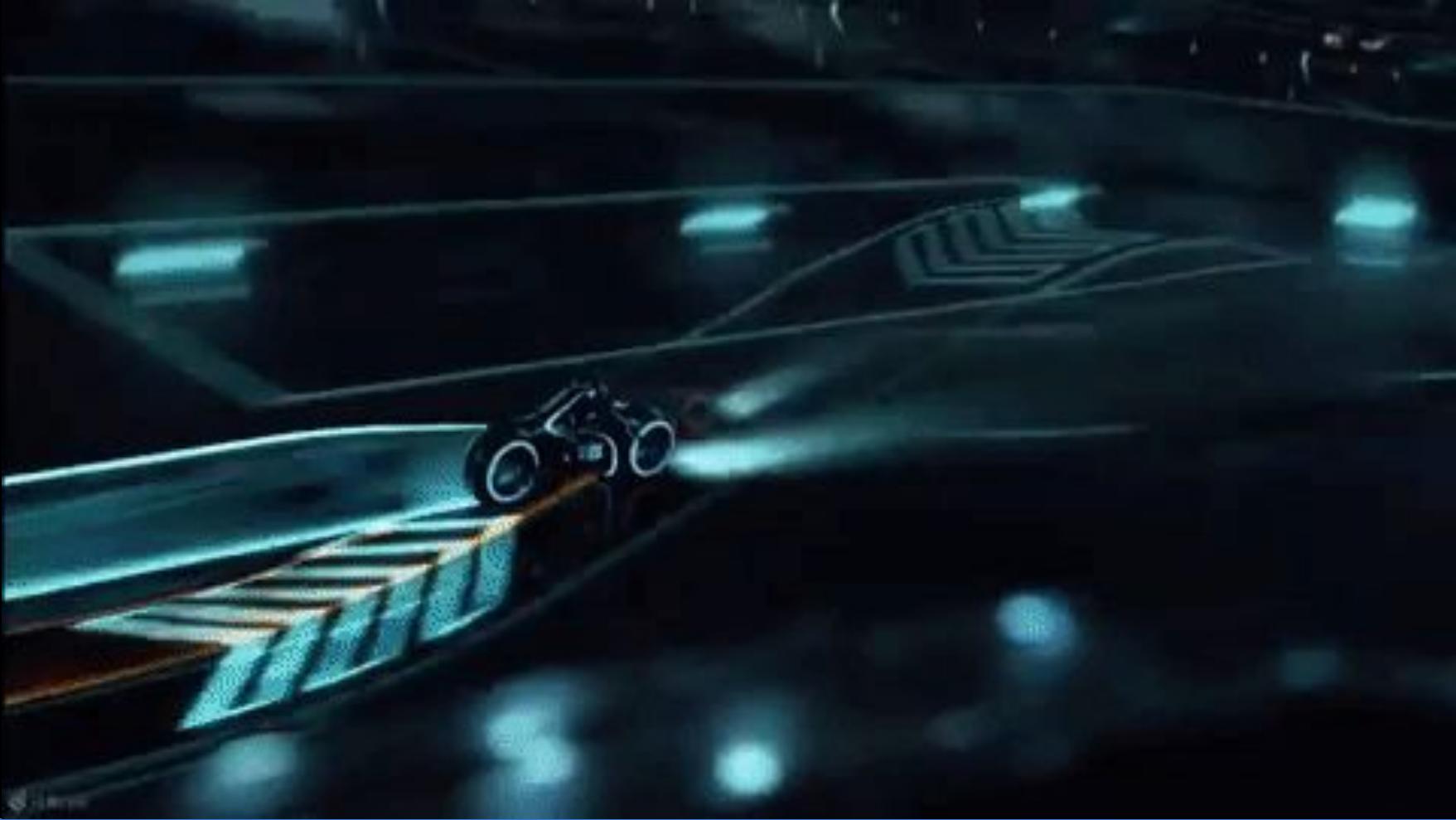
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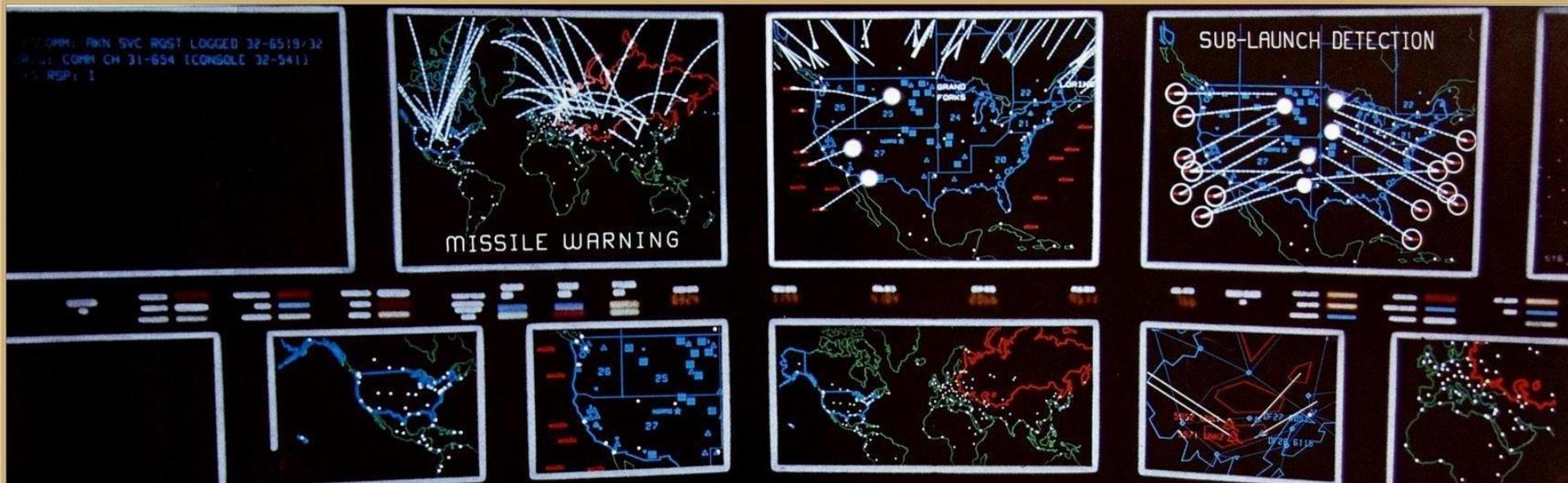
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WARGAMES

A Leonard Goldberg Production A John Badham Film

"WARGAMES" MATTHEW BRODERICK DABNEY COLEMAN JOHN WOOD ALLY SHEEDY

Written by LAWRENCE LASKER & WALTER F. PARKES Director of Photography WILLIAM A. FRAKER, A.S.C.



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STUDENT NAME: Lightman, David L.

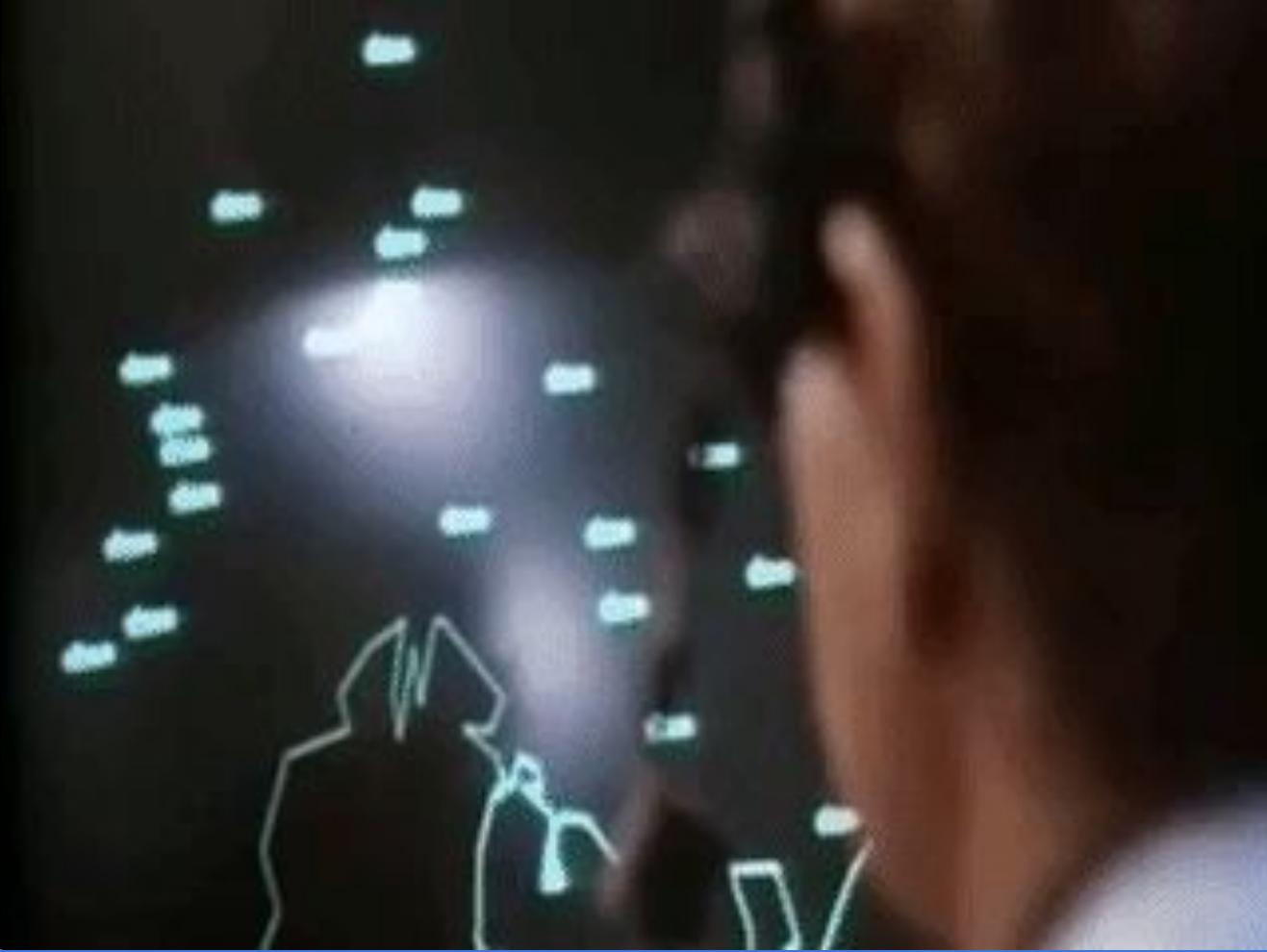
COURSE TITLE	GRADE	TEACHER
BIOLOGY 2	F	LIGGETT
ENGLISH 11B	D	TURMAN
WORLD HISTORY 11B	C	Dwyer
TRIG 2	B	DICKERSON

GLOBAL

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ATTACK ORIGINS		ATTACK TYPES		ATTACK TARGETS		LIVE ATTACKS							
#	Country	#	Port	Service Type	#	Country	Timestamp	Attacker	Attacker IP	Attacker Geo	Target Geo	Attack Type	Port
677	China	154	23	telnet	837	United States	09-22-10.186	ChinaNet Shanghai Province Network	58.39.219.143	Shanghai, CN	Taipei, TW	unknown	51430
281	United States	126	8123	unknown	323	X Mil/Gov	09-22-10.521	China Unicorn Shanxi province network	60.223.138.75	Taiyuan, CN	Saint Louis, US	unknown	16818
59	Russia	64	445	microsoft-ds	40	Russia	09-22-10.857	LTD Avesta	95.213.177.126	RU	RU	unknown	35490
36	South Korea	57	8118	unknown	19	Cyprus	09-22-11.191	China Unicorn Shanxi province network	118.73.112.215	Houma, CN	milgov	telnet	23
26	Mil/Gov	36	8888	sun-answerbook	16	France	09-22-11.526	N/A	172.89.29.250	milgov	milgov	telnet	23
25	Taiwan	33	137	unknown	15	Taiwan	09-22-11.886	Mediacom Communications Corp	173.25.250.84	Johnston, US	milgov	telnet	23
20	Italy	29	50537	unknown	11	Singapore	09-22-12.197	Hetzner Online AG	176.9.157.140	DE	Seattle, US	unknown	8320
13	Bulgaria	27	1434	unknown	9	Saudi Arabia	09-22-12.531	3BB Broadband	183.89.59.192	Bangkok, TH	Kirkville, US	unknown	34636
12	Netherlands	22	514	shell	9	Liechtenstein	09-22-12.866	SK Broadband Co Ltd	1.245.218.211	Seoul, KR	Kirkville, US	telnet	23



Jul
10
2015
9:22 AM

HOW
NORSE
HELPS

@david_scrobonia

APPLICATION SECURITY



All Products					
Image	Product	Description	Price		
	Apple Juice (1000ml)	The all-time classic.	1.99		
	Apple Pomace	Finest pressings of apples. Allergy disclaimer: Might contain traces of worms. Can be sent back to us for recycling.	0.89		
	Banana Juice (1000ml)	Monkeys love it the most.	1.99		
	Carrot Juice (1000ml)	As the old German saying goes: "Carrots are good for the eyes. Or has anyone ever seen a rabbit with glasses?"	2.99		
	Eggfruit Juice (500ml)	Now with even more exotic flavour.	8.99		
	Fruit Press	Fruits go in. Juice comes out. Pomace you can send back to us for recycling purposes.	89.99		
	Green Smoothie	Looks poisonous but is actually very good for your health! Made from green cabbage, spinach, kiwi and grass.	1.99		
	Juice Shop Artwork	Unique masterpiece painted with different kinds of juice on 90g/m² lined paper.	278.74		
					

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OWASP Juice Shop

Login Contact Us English

script:alert('xss')><iframe>

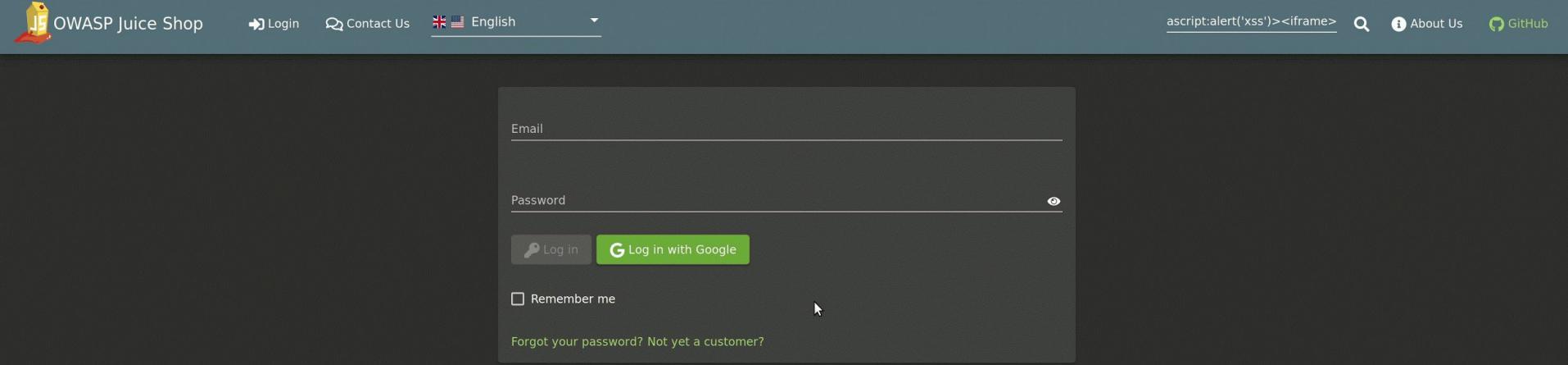
Email

Password

Log in Log in with Google

Remember me

Forgot your password? Not yet a customer?



The screenshot shows a login form on a dark-themed website. At the top right, there is a status bar with the URL "localhost:3000/#/login" and several browser icons. Below the header, the main content area contains a login form. The "Email" field is empty. The "Password" field has a placeholder "Password" and an "eye" icon for password visibility. Below the fields are two buttons: a grey "Log in" button with a key icon and a green "Log in with Google" button with a "G" icon. There is also a "Remember me" checkbox and links for password recovery and customer registration. A mouse cursor is visible near the "Remember me" checkbox. In the top right corner of the page, there is a status message: "script:alert('xss')><iframe>". This indicates that a reflected XSS attack has been successfully executed, as the browser is attempting to execute the provided script.



All Products

Placed Apple Juice (1000ml) into basket.

Image	Product	Description	Price	View	Add to Basket
	Apple Juice (1000ml)	The all-time classic.	1.99		
	Apple Pomace	Finest pressings of apples. Allergy disclaimer: Might contain traces of worms. Can be sent back to us for recycling.	0.89		
	Banana Juice (1000ml)	Monkeys love it the most.	1.99		
	Carrot Juice (1000ml)	As the old German saying goes: "Carrots are good for the eyes. Or has anyone ever seen a rabbit with glasses?"	2.99		
	Eggfruit Juice (500ml)	Now with even more exotic flavour.	8.99		
	Fruit Press	Fruits go in. Juice comes out. Pomace you can send back to us for recycling purposes.	89.99		
	Green Smoothie	Looks poisonous but is actually very good for your health! Made from green cabbage, spinach, kiwi and grass.	1.99		
	Juice Shop Artwork	Unique masterpiece painted with different kinds of juice on 90g/m² lined paper.	278.74		



All Products

Image	Product	Description	Price	
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	Juice Shop Artwork	Unique masterpiece painted with different kinds of juice on 90g/m² lined paper.	278.74	

Burp Suite Community Edition v1.7.33 - Temporary Project

Target Proxy Spider Scanner Intruder Repeater Sequencer Decoder Comparer Extender Project options User options Alerts CO2 Site map Scope

Filter: Hiding not found items, hiding CSS, image and general binary content; hiding 4xx responses; hiding empty folders

Host	Method	URL	Params	Status	Le
https://www.google.com	GET	/complete/search?client=firefox&q=segment		200	64
https://www.google.com	GET	/ads/ga-audiences			
https://www.google.com	GET	/analytics/tag-manager/			
https://www.google.com	GET	/complete/search			

Request Response

Raw Params Headers Hex

```
GET /complete/search?client=firefox&q=segment HTTP/1.1
Host: www.google.com
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:64.0) Gecko/20100101 Firefox/64.0
Accept: */*
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Connection: close
Cookie:
CGIC=CgZ1YnVudHUAmAzzljq9ZXkh0L2h0BwssYXBwbGjJYRpbd24veGh0bWw
reG1sLGFcWcGxpY2FaW9u3htbDtxPTAuOSwqLy07cT0wlJg;
NID=156-kby3Kx7d-151XFZaTvscc0mPgxD-9gSC2aPoZUG8wd1MkGlpQFZ
4fzh6U-o54nPHVe9k-lymjkR-OAY4y79Vpt_y-boK-dSHL0fngneN5EDkcmBmv4
pEoR7zvW_dQ4w9MdCzihAp5oIGjyC9zFj0spM_t8tng7gD02nk;
CONSENT=WP.274147.2741f6; 1P_JAR=2019-01-23-22; CGP=-5061451;
```

?

< + > Type a search term

0 matches

The screenshot shows the OWASP ZAP Dev Build interface. The top menu bar includes File, Edit, View, Analyse, Report, Tools, Online Help, Standard Mode, and various icons for file operations. The left sidebar contains sections for Contexts (Default Context), Sites (listing various Mozilla services like blocklists, firefox, services.mozilla.org, normandy, and detectportal), and a Network tab showing a timeline of requests. The main workspace has tabs for Quick Start, Request, Response, Header, Body, and a plus sign icon. The Response tab displays a detailed log entry for a GET request to localhost:3000. The bottom navigation bar includes History, Search, Alerts, Output, WebSockets, and a Filter dropdown set to OFF. The bottom status bar shows current scans and other system information.

ID	Req.	Timestamp	Meth...	URL	Co...	Reason	R...	Size	Resp.	Bo...	Highest Al...	No...	Tags
409	409	7/21/18 12:20:43...	GET	http://localhost:3000/node_modules/angu...	200	OK	6 ...	9,552	bytes				Comment
408	408	7/21/18 12:20:43...	GET	http://localhost:3000/node_modules/angu...	200	OK	7 ...	5,613	bytes				Comment
406	406	7/21/18 12:20:43...	GET	http://localhost:3000/node_modules/angu...	200	OK	4 ...	241,187	bytes	Informational			Comment
415	415	7/21/18 12:20:43...	GET	http://localhost:3000/node_modules/cookies...	200	OK	9 ...	19,837	bytes				Comment
410	410	7/21/18 12:20:43...	GET	http://localhost:3000/node_modules/angu...	200	OK	7 ...	1,480	bytes				Comment
419	419	7/21/18 12:20:43...	GET	http://localhost:3000/socket.io/?EIO=3&r...	200	OK	2 ...	103	bytes	SetCookie			
421	421	7/21/18 12:20:43...	GET	http://localhost:3000/18n/en.json	200	OK	4 ...	7,406	bytes	Low			JSON
420	420	7/21/18 12:20:43...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	4 ...	19	bytes				JSON
422	422	7/21/18 12:20:43...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	7 ...	9,086	bytes				JSON
423	423	7/21/18 12:20:43...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	7 ...	9,086	bytes				JSON
424	424	7/21/18 12:20:43...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	8 ...	19	bytes				JSON
426	426	7/21/18 12:20:43...	GET	http://localhost:3000/rest/user/whoami	200	OK	8 ...	11	bytes				JSON
425	425	7/21/18 12:20:43...	GET	http://localhost:3000/rest/user/whoami	200	OK	8 ...	11	bytes				JSON
427	427	7/21/18 12:20:43...	GET	http://localhost:3000/rest/admin/applicati...	304	Not Mod...	9 ...	0	bytes				JSON
428	428	7/21/18 12:20:43...	GET	http://localhost:3000/18n/en_US.json	200	OK	2 ...	10,614	bytes	Medium			Form, Script, C...
430	430	7/21/18 12:20:43...	GET	http://localhost:3000/socket.io/?EIO=3&r...	101	Switchin...	1 ...	0	bytes	Medium			JSON
431	431	7/21/18 12:20:43...	GET	http://localhost:3000/api/Challenges/?ra...	200	OK	2 ...	551	bytes				JSON
433	433	7/21/18 12:20:43...	GET	http://localhost:3000/rest/product/search?...	200	OK	2 ...	9,193	bytes				JSON
432	432	7/21/18 12:20:43...	GET	http://localhost:3000/api/Challenges/?ra...	200	OK	2 ...	551	bytes				JSON
438	438	7/21/18 12:20:43...	GET	http://localhost:3000/socket.io/?EIO=3&r...	200	OK	2 ...	3	bytes	Medium			SetCookie
461	461	7/21/18 12:37:32...	GET	https://safebrowsing.googleapis.com/v4/t...	200	OK	1 ...	3,077	bytes				

The image shows the Burp Suite Community Edition interface. At the top, the title "Burp Suite Community Edition v1.7.33 - Temporary Project" is displayed. Below the title is a menu bar with items: Target, Proxy, Spider, Scanner, Intruder, Repeater, Sequencer, Decoder, Comparer, Extender, Project options, User options, Alerts, CO2, Site map, and Scope. A "Filter" dropdown is open, showing the current filter applied: "Filter: Hiding not found items; hiding CSS, Image and general binary content; hiding 4xx responses; hiding empty folders". The main window displays a list of network requests. On the left, there's a sidebar with a tree view of the current project. The main pane shows a table with columns: Host, Method, URL, Params, Status, and Len. Several requests from "https://www.google.com" are listed, such as GET /complete/search?client... (Status 200, Len 64). At the bottom of the screen, a large watermark for "BURP SUITE PROFESSIONAL" is overlaid. The bottom right corner contains a search bar with the placeholder "Type a search term" and a small "0 matches" indicator.

The screenshot shows the OWASP ZAP Dev Build interface. On the left, the 'Sites' panel lists various URLs under 'Contexts' and 'Sites'. In the center, a large blue circle contains a white lightning bolt icon. To its right, the text 'OWASP ZAP' is displayed in large, bold, black letters. The main window shows a network traffic capture with columns for Time, Date, Method, URL, Status, Size, and Comment. A status bar at the bottom indicates 'Current Scans 1'.

Time	Date	Method	URL	Status	Size	Comment
415	7/21/18 12:20:43	...	GET http://localhost:3000/node_modules/cookie...	200 OK	9... 19,837 bytes	Comment
410	7/21/18 12:20:43	...	GET http://localhost:3000/node_modules/angu...	200 OK	7... 1,480 bytes	Comment
419	7/21/18 12:20:43	...	GET http://localhost:3000/socket.io/?EIO=3&r...	200 OK	2... 103 bytes	Low SetCookie
421	7/21/18 12:20:43	...	GET http://localhost:3000/18n/en.json	200 OK	4... 7,406 bytes	JSON
420	7/21/18 12:20:43	...	GET http://localhost:3000/rest/admin/applicati...	200 OK	4... 19 bytes	JSON
422	7/21/18 12:20:43	...	GET http://localhost:3000/rest/admin/applicati...	200 OK	7... 9,086 bytes	JSON
423	7/21/18 12:20:43	...	GET http://localhost:3000/rest/admin/applicati...	200 OK	7... 9,086 bytes	JSON
424	7/21/18 12:20:43	...	GET http://localhost:3000/rest/admin/applicati...	200 OK	8... 19 bytes	JSON
426	7/21/18 12:20:43	...	GET http://localhost:3000/rest/user/whoami	200 OK	8... 11 bytes	JSON
425	7/21/18 12:20:43	...	GET http://localhost:3000/rest/user/whoami	200 OK	8... 11 bytes	JSON
427	7/21/18 12:20:43	...	GET http://localhost:3000/rest/admin/applicati...	304 Not Modif...	9... 0 bytes	
428	7/21/18 12:20:43	...	GET http://localhost:3000/18n/en_U.json	200 OK	2... 10,614 bytes	Medium Form, Script, C...
433	7/21/18 12:20:43	...	GET http://localhost:3000/socket.io/?EIO=3&r...	101 Switchi...	1... 0 bytes	Medium
431	7/21/18 12:20:43	...	GET http://localhost:3000/api/challenge?	200 OK	2... 551 bytes	JSON
433	7/21/18 12:20:43	...	GET http://localhost:3000/rest/product/search?...	200 OK	2... 9,139 bytes	JSON
432	7/21/18 12:20:43	...	GET http://localhost:3000/api/challenges?na...	200 OK	2... 551 bytes	JSON
433	7/21/18 12:20:43	...	GET http://localhost:3000/socket.io/?EIO=3&r...	200 OK	2... 3 bytes	Medium SetCookie
461	7/21/18 12:37:32	...	GET https://safesurfing.googleapis.com/v4/t...	200 OK	1... 3,077 bytes	

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Burp Intruder Repeater Window Help

Target Proxy Spider Scanner Intruder Repeater Sequencer Decoder Comparer Extender Project options User options Alerts CO2

Site map Scope

Filter: Hiding not found items, hiding CSS, image and general binary content; hiding 4xx responses; hiding empty folders

Host	Method	URL	Params	Status	Le
https://www.google.com	GET	/complete/search?client=...		200	64
https://www.google.com	GET	/ads/ga-audiences			
https://www.google.com	GET	/analytics/tag-manager/			
https://www.google.com	GET	/complete/search			

Request Response

Raw Params Headers Hex

```
GET /complete/search?client=firefox&q=segment HTTP/1.1
Host: www.google.com
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:64.0) Gecko/20100101 Firefox/64.0
Accept: */*
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Connection: close
Cookie:
CGIC=CgZ1YnVudHUAmAzzljq9ZXkh0L2h0BwssYXBwbGjJYRpB24veGh0bWw
reG1sLGFcWcGxpY2FaW9u3htbdTxPTAuOSwqLy07cT0wlJg;
NID=156-kby3Kx7d-151XFZaTvscc0mPgxD-9gSC2aPoZUG8wd1MkGlpQFZ
4fzh6U-o54nPHVe9k-lymjkR-OAY4y79Vpt_y-boK-dSHL0fngneN5EDkcmBmv4
pEoR7zvW_dQ4w9MdCzihAhp5oIGjyC9z2f0spM_t8tng7gD02nk;
CONSENT=WP.274147.2741f6; 1P_JAR=2019-01-23-22; CGP=-5061451;
```

?

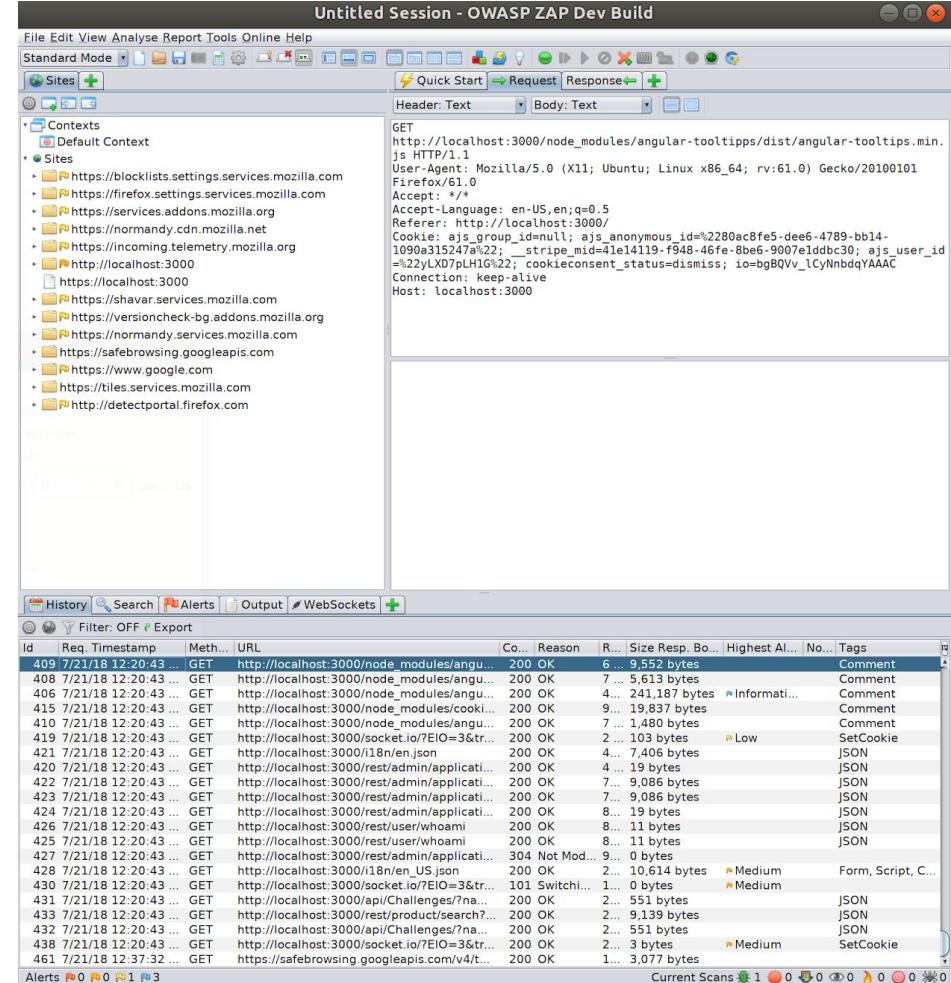
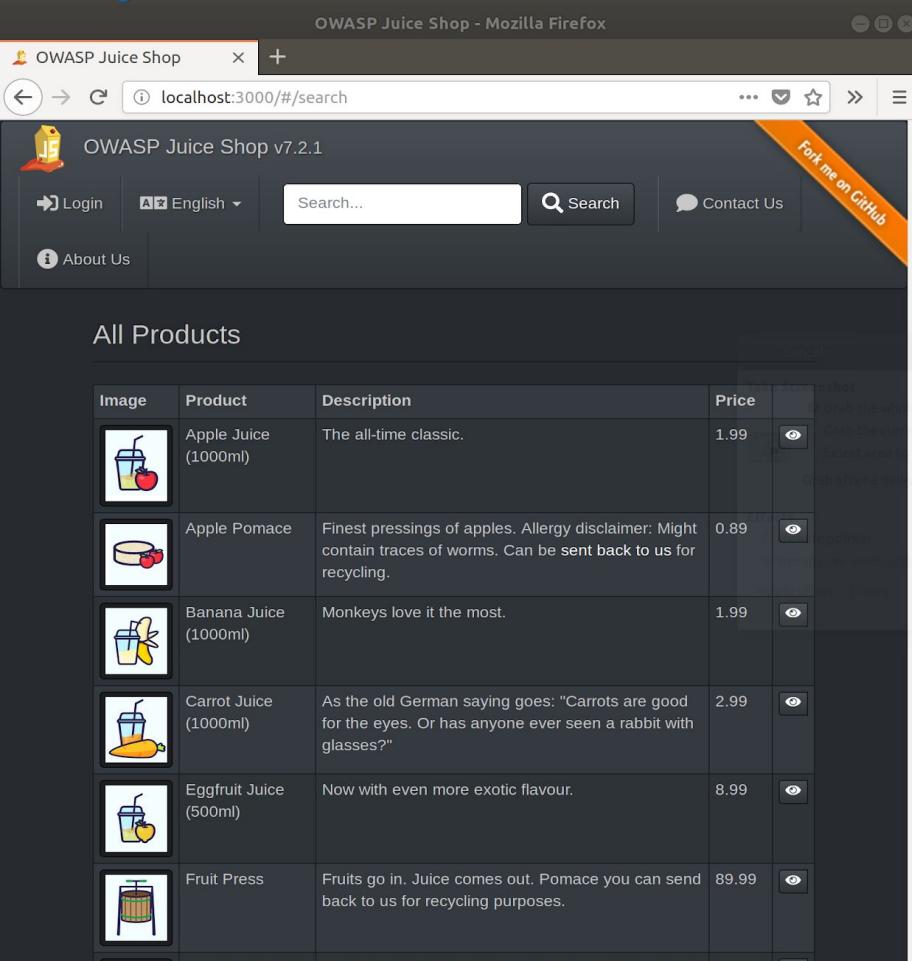
< + > Type a search term

0 match

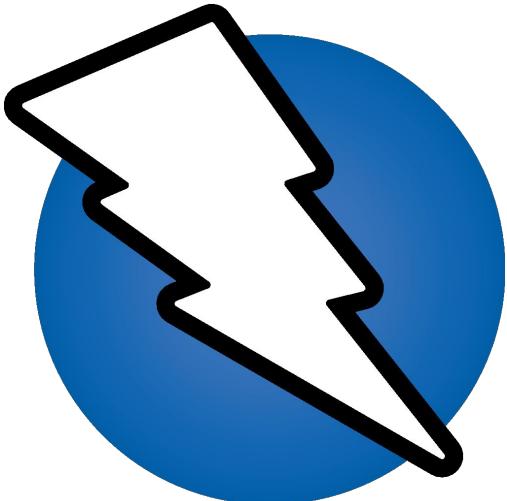
The screenshot shows the OWASP ZAP Dev Build interface with the following details:

- Header:** Text
- Body:** Text
- GET Request:**

```
http://localhost:3000/node_modules/angular-tooltips/dist/angular-tooltips.min.js
HTTP/1.1
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:61.0) Gecko/20100101
Firefox/61.0
Accept: */*
Accept-Language: en-US,en;q=0.5
Referer: http://localhost:3000/
Cookie: ajs_group_id=null; ajs_anonymous_id=%2280ac8fe5-deef-4789-bb14-1090a315247a%22; stripe_mid=4le14119-f948-46fe-8be6-9007e1ddb30; ajs_user_id=%22ylXD7pLHIG%22; cookieconsent_status=dissmiss; io=bgBQVv_lCyNnbdqYAAAC
Connection: keep-alive
Host: localhost:3000
```
- History Tab:** Shows a list of recorded requests and responses.
- Alerts Tab:** Shows 0 alerts.
- Output Tab:** Shows the raw response content.
- WebSockets Tab:** Shows a list of recorded web socket frames.



OWASP ZAP



The screenshot shows the OWASP ZAP Dev Build interface. The top menu bar includes File, Edit, View, Analyse, Report, Tools, Online Help, Standard Mode, and a toolbar with various icons. The left sidebar contains sections for Contexts (Default Context) and Sites, listing numerous URLs from mozilla.com and other domains. The main workspace has tabs for Quick Start, Request, Response, Header: Text, and Body: Text. The Request tab displays a GET request to localhost:3000 with a detailed header and cookie section. Below the workspace is a table with columns: Id, Req, Timestamp, Meth..., URL, Co..., Reason, R..., Size, Resp, Bo..., Highest Al..., No..., and Tags. The table lists 46 requests, mostly GETs to various URLs on localhost:3000, with some requests marked as 'Not Modified' or having small sizes. The bottom navigation bar includes History, Search, Alerts, Output, WebSockets, and a Filter dropdown set to 'OFF'. A status bar at the bottom shows 'Current Scans' with several progress bars.

Id	Req	Timestamp	Meth...	URL	Co...	Reason	R...	Size	Resp	Bo...	Highest Al...	No...	Tags
											Alerts	0	
409	7/21/18 12:20:43 ...	GET		http://localhost:3000/node_modules/angu...	200	OK	6 ...	9,552 bytes					Comment
408	7/21/18 12:20:43 ...	GET		http://localhost:3000/node_modules/angu...	200	OK	7 ...	5,613 bytes					Comment
406	7/21/18 12:20:43 ...	GET		http://localhost:3000/node_modules/angu...	200	OK	4 ...	241,187 bytes					Comment
415	7/21/18 12:20:43 ...	GET		http://localhost:3000/node_modules/cookie...	200	OK	9 ...	19,837 bytes					Comment
410	7/21/18 12:20:43 ...	GET		http://localhost:3000/node_modules/angu...	200	OK	7 ...	1,480 bytes					Comment
419	7/21/18 12:20:43 ...	GET		http://localhost:3000/socket.io/?EIO=3&r...	200	OK	2 ...	103 bytes					SetCookie
421	7/21/18 12:20:43 ...	GET		http://localhost:3000/i18n/en.json	200	OK	4 ...	7,406 bytes					JSON
420	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/admin/applicati...	200	OK	4 ...	19 bytes					JSON
422	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/admin/applicati...	200	OK	7 ...	9,086 bytes					JSON
423	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/admin/applicati...	200	OK	7 ...	9,086 bytes					JSON
424	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/admin/applicati...	200	OK	8 ...	19 bytes					JSON
426	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/user/vhoami	200	OK	8 ...	11 bytes					JSON
425	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/user/vhoami	200	OK	8 ...	11 bytes					JSON
427	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/admin/applicati...	304	Not Mod...	9 ...	0 bytes					
428	7/21/18 12:20:43 ...	GET		http://localhost:3000/i18n/en_US.json	200	OK	2 ...	10,614 bytes					Medium, Form, Script, C...
430	7/21/18 12:20:43 ...	GET		http://localhost:3000/socket.io/?EIO=3&r...	101	Switchi...	1 ...	0 bytes					Medium
431	7/21/18 12:20:43 ...	GET		http://localhost:3000/api/Challenges/?na...	200	OK	2 ...	551 bytes					JSON
433	7/21/18 12:20:43 ...	GET		http://localhost:3000/rest/product/search?...	200	OK	2 ...	9,139 bytes					JSON
432	7/21/18 12:20:43 ...	GET		http://localhost:3000/api/Challenges/?na...	200	OK	2 ...	551 bytes					JSON
438	7/21/18 12:20:43 ...	GET		http://localhost:3000/socket.io/?EIO=3&r...	200	OK	2 ...	3 bytes					Medium
461	7/21/18 12:37:32 ...	GET		https://safebrowsing.googleapis.com/v4/t...	200	OK	1 ...	3,077 bytes					

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OWASP ZAP

- Intercept requests
- Replay requests
- Spider sites
- Fuzz requests
- Passive Scanning
- Active Scanning
 - Command Injection
 - SQLi
 - Remote File Inclusion
 - XSS
 - Redirects
- Encoding/Decoding
- Automation & API
- Scripting
- Robust Add-On Ecosystem
- Automated Authentication & Sessions

Untitled Session - OWASP ZAP Dev Build

File Edit View Analyse Report Tools Online Help

Standard Mode Sites + Quick Start Request Response + Header: Text Body: Text

GET http://localhost:3000/node_modules/angular-tooltips/dist/angular-tooltips.min.js HTTP/1.1

User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:61.0) Gecko/20100101 Firefox/61.0

Accept: */*

Accept-Language: en-US,en;q=0.5

Referer: http://localhost:3000/

Cookie: ajs_group_id=null; ajs_anonymous_id=%2280ac8fe5-dee6-4789-bb14-1090a315247a22; stripe_mid=4le14119-f948-46fe-8be6-9007e1ddbc30; ajs_user_id=%22yLXD7plHIG%22; cookieconsent_status=dissmiss; io=dbQBQVv_lCyNnbdqYAAAC

Connection: keep-alive

Host: localhost:3000

Contexts Default Context

Sites

- https://blocklists.settings.services.mozilla.com
- https://firefox.settings.services.mozilla.com
- https://services.addons.mozilla.org
- https://normandy.cdn.mozilla.net
- https://incoming.telemetry.mozilla.org
- http://localhost:3000
- https://localhost:3000
- https://shaver.services.mozilla.com
- https://versioncheck-bg.addons.mozilla.org
- https://normandy.services.mozilla.com
- https://safebrowsing.googleapis.com
- https://www.google.com
- https://tiles.services.mozilla.com
- http://detectportal.firefox.com

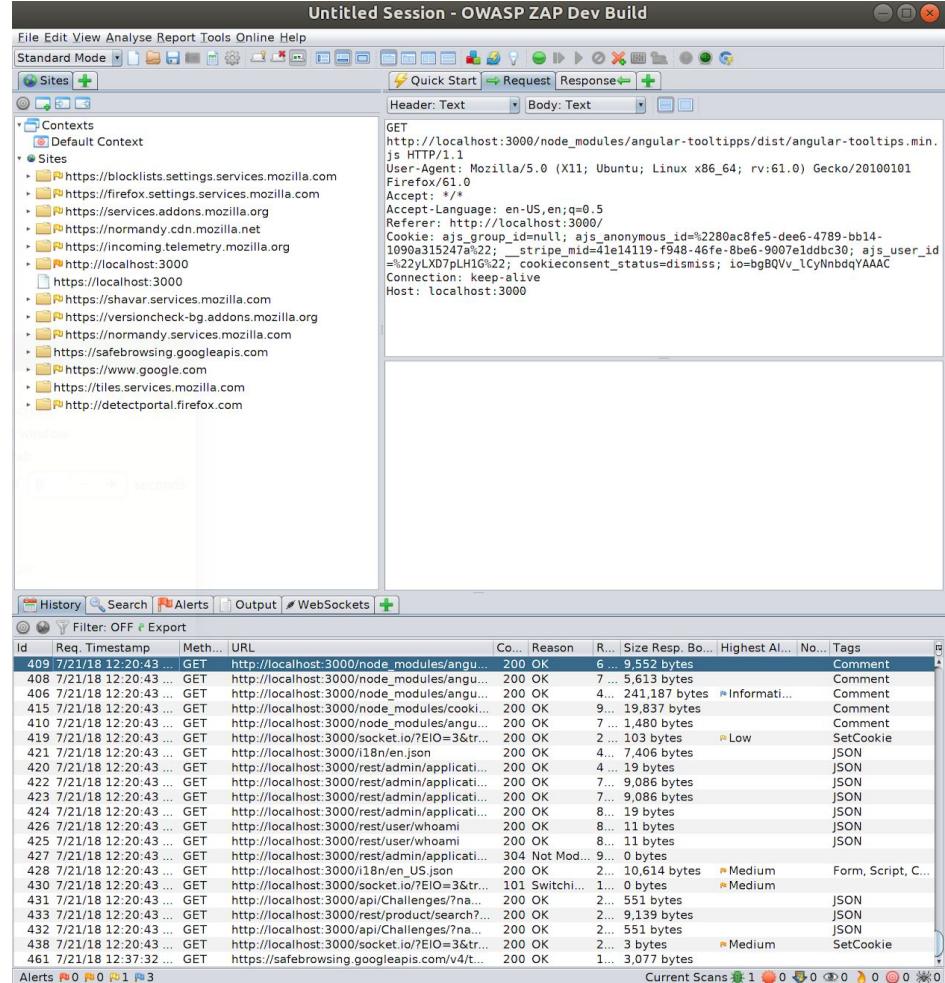
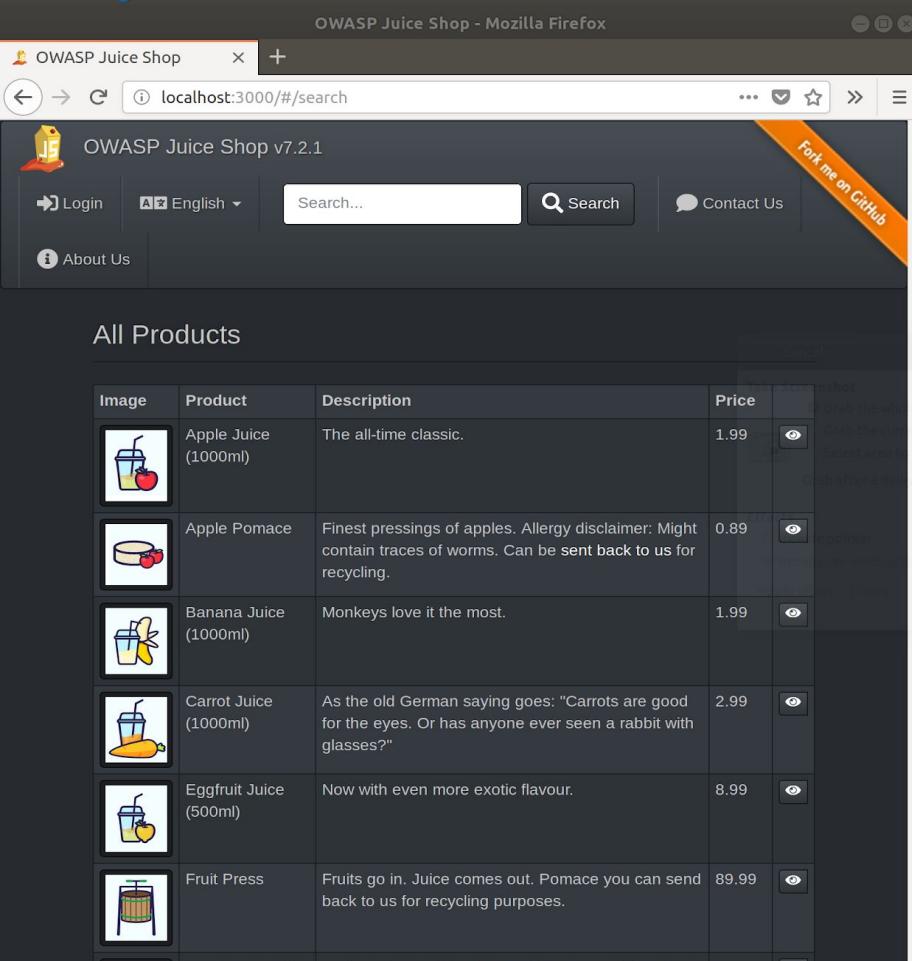
History Search Alerts Output WebSockets +

Filter: OFF Export

ID	Req. Timestamp	Meth...	URL	Co...	Reason	R...	Size	Res...	Bo...	Highest Al...	No...	Tags
409	7/21/18 12:20:43 ...	GET	http://localhost:3000/node_modules/angu...	200	OK	6...	9,552 bytes					Comment
408	7/21/18 12:20:43 ...	GET	http://localhost:3000/node_modules/angu...	200	OK	7...	5,613 bytes					Comment
406	7/21/18 12:20:43 ...	GET	http://localhost:3000/node_modules/angu...	200	OK	4...	241,187 bytes	» Informati...				Comment
415	7/21/18 12:20:43 ...	GET	http://localhost:3000/node_modules/cookie...	200	OK	9...	19,837 bytes					Comment
410	7/21/18 12:20:43 ...	GET	http://localhost:3000/node_modules/angu...	200	OK	7...	1,480 bytes					Comment
419	7/21/18 12:20:43 ...	GET	http://localhost:3000/socket.io/?EIO=3&r...	200	OK	2...	103 bytes	» Low				SetCookie
421	7/21/18 12:20:43 ...	GET	http://localhost:3000/18n/en.json	200	OK	4...	7,406 bytes					JSON
422	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	4...	19 bytes					JSON
422	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	7...	9,086 bytes					JSON
423	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	7...	9,086 bytes					JSON
424	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/admin/applicati...	200	OK	8...	19 bytes					JSON
426	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/user/whoami	200	OK	8...	11 bytes					JSON
425	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/user/whoami	200	OK	8...	11 bytes					JSON
427	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/admin/applicati...	304	Not Mod...	9...	0 bytes					
428	7/21/18 12:20:43 ...	GET	http://localhost:3000/18n/en.json	200	OK	2...	10,614 bytes	» Medium				Form, Script, C...
430	7/21/18 12:20:43 ...	GET	http://localhost:3000/socket.io/?EIO=3&r...	101	Switchi...	1...	0 bytes	» Medium				
431	7/21/18 12:20:43 ...	GET	http://localhost:3000/api/Challenges/?na...	200	OK	2...	551 bytes					JSON
433	7/21/18 12:20:43 ...	GET	http://localhost:3000/rest/product/search?...	200	OK	2...	9,139 bytes					JSON
432	7/21/18 12:20:43 ...	GET	http://localhost:3000/api/Challenges/?na...	200	OK	2...	551 bytes					JSON
438	7/21/18 12:20:43 ...	GET	http://localhost:3000/socket.io/?EIO=3&r...	200	OK	2...	3 bytes	» Medium				SetCookie
461	7/21/18 12:37:32 ...	GET	https://safebrowsing.googleapis.com/v4/...	200	OK	1...	3,077 bytes					

Alerts 0 0 0 1 3 Current Scans 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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Demo



All Products

Image	Product	Description	Price	
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	Apple Pomace	Finest pressings of apples. Allergy disclaimer: Might contain traces of worms. Can be sent back to us for recycling.	0.89	
	Banana Juice (1000ml)	Monkeys love it the most.	1.99	
	Carrot Juice (1000ml)	As the old German saying goes: "Carrots are good for the eyes. Or has anyone ever seen a rabbit with glasses?"	2.99	
	Eggfruit Juice (500ml)	Now with even more exotic flavour.	8.99	
	Fruit Press	Fruits go in. Juice comes out. Pomace you can send back to us for recycling purposes.	89.99	
	Green Smoothie	Looks poisonous but is actually very good for your health! Made from green cabbage, spinach, kiwi and grass.	1.99	
	Juice Shop Artwork	Unique masterpiece painted with different kinds of juice on 90g/m² lined paper.	278.74	



All Products

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Exploration

Attack Surface Discovery

Site Tree

Spider

Active Scan

Alerts



All Products

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OWASP Juice Shop X + https://localhost:3000/#/ Tools: Spider

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All Products

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Out Off 0 0 0 2 0 0 0 + Sites Spider Start Start Off 0 2 4 P 2 0 +

History WebSockets 32 @david_scrobonia



All Products

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Tools: Spider

The screenshot shows the OWASP Juice Shop application on the left and the OWASP ZAP Spider tool on the right.

OWASP Juice Shop: A web application for testing injection vulnerabilities. It displays a list of products like Apple Juice, Banana Juice, and Lemon Juice. A modal dialog is open with the message: "This website uses fruit cookies to ensure you get the juiciest tracking experience. But me wait! Me want it!"

OWASP ZAP Spider: An integrated penetration testing tool for finding vulnerabilities in web applications. The interface includes:

- Sites:** Shows contexts and sites. The "Default Context" site for "localhost:3000" is selected, displaying a tree view of resources under "api" and "rest".
- Attack:** A button to start the attack process.
- Progress:** Shows "Not started".
- Help:** A note about attacking specific applications.
- Explore your application:** Buttons for "Launch Browser" and "Firefox".
- Bottom Panel:** Includes tabs for History, Search, Alerts, Output, WebSockets, and Spider. The Spider tab is active, showing a table for processed URLs with columns: Processed, Method, URI, and Flags. It also displays scan progress: "New Scan Progress: - Select Scan - 0%".

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All Products

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Manual Testing

Intercept, Replay, Hunt

History

Break

Comments

Reveal



All Products

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History





HTTP Message

Request

```
GET http://localhost:3000/rest/basket/4 HTTP/1.1
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:65.0) Gecko/20100101 Firefox/65.0
Accept: application/json, text/plain, */*
Accept-Language: en-US,en;q=0.5
Referer: https://localhost:3000/
Authorization: Bearer
eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdGF0dXMiOiJzdWNjZXNzIiwZGF0YSI6eyJpZCI6MTQsInVzzXJ
uYW1lIjoiIiwiZW1haWwiOiJ0ZXN0QHRlc3QuY29tIiwicGFzc3dvcnQiOiI1YTEwNUU4YjlkNDBlMTMyOTc4MGQ2MmV
hMjIzNWQ4YSIsImlzQWRtaW41omZhbHNlLCJsYXN0T69naW5JccI6IjAuMC4wLjAiLCJwcm9maWx1Sw1hZZUi0ijkZWZ
hdwx0LnN2ZyIsImNyZWF0ZWRBdcI6IjIwMTktMDMtMDMgMDA6MTA6MzcuMzk3ICswMDowMCIsInVzGF0ZWRBdcI6IjI
wMTktMDMtMDMnMDA6MTA6MzcuMzk3ICswMDowMCJ9I C.InYX0i0iF1NTF1NzF4NDYsTmV4cCT6MTII1MTII40Tn0Nn0.1n7
```

Response

█

Replay in Console **Replay in Browser**

History

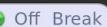
16:10:46.849	200	GET	http://loca
16:10:46.925	200	GET	http://loca
16:10:46.882	200	GET	http://loca
16:11:21.16	101	GET	https://push.services.mozilla.com/
16:13:0.264	304	GET	http://localhost:3000/rest/admin/application-configuration
16:13:0.273	304	GET	http://localhost:3000/rest/user/whoami
16:13:0.240	200	GET	http://localhost:3000/rest/basket/4
16:13:0.218	200	GET	https://www.paypalobjects.com/en_US/i/scr/pixel.gif



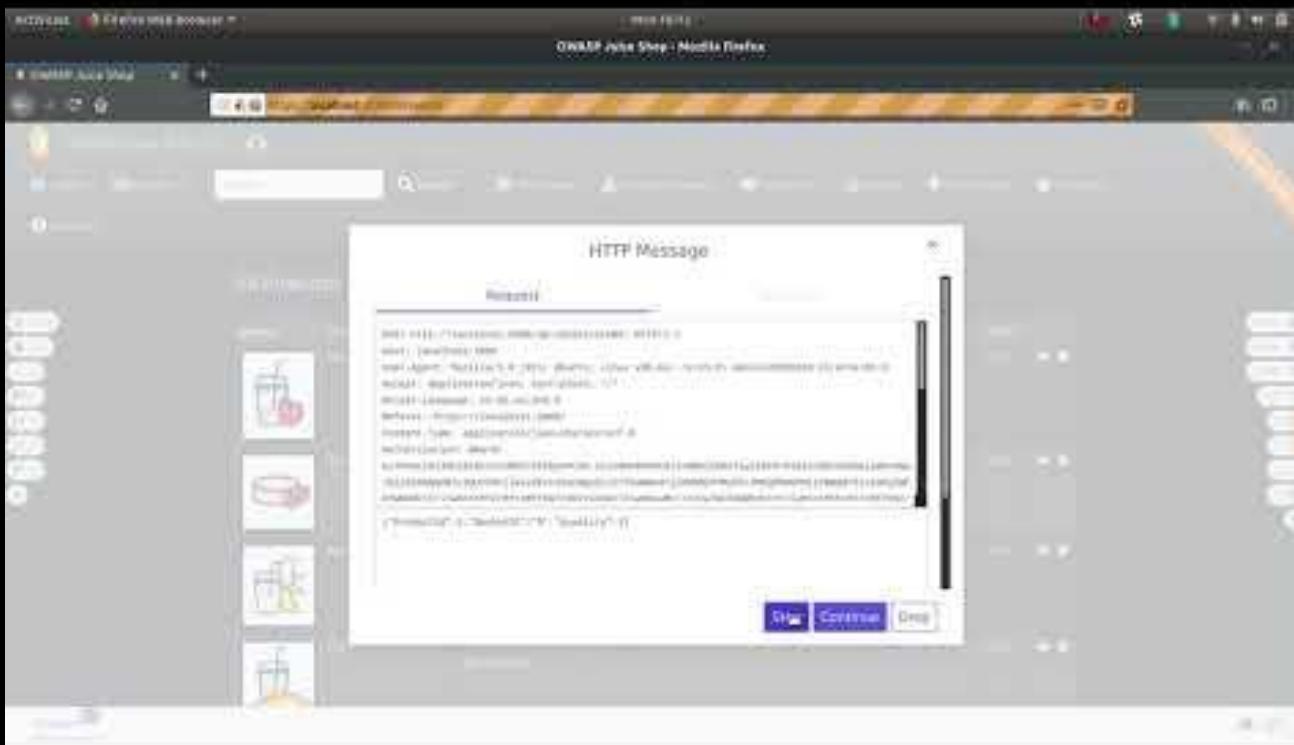


All Products

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Tools: Break





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History 2



Page Discussion

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OWASP Zed Attack Proxy Project

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The OWASP Zed Attack Proxy (ZAP) is one of the world's most popular free security tools and is actively maintained by hundreds of international volunteers*. It can help you automatically find security vulnerabilities in your web applications while you are developing and testing your applications. Its also a great tool for experienced pentesters to use for manual security testing.

**ZAP 2.7.0 is now available!**[Download ZAP](#)**Please help us to make ZAP even better for you by answering the ZAP User Questionnaire!**

For a quick overview of ZAP and an introduction to the official ZAP Jenkins plugin see these tutorial videos on YouTube:



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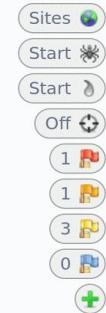
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Glossary

History (17)

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natas0

You can find the password for the next level on this page.



History



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All Products

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Special page

Search



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3
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+

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Advanced Testing

Redefine your workflows

Focused Scan

The Bodgeit Store

We bodge it, so you dont have to!

Guest user

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Customize

Configure the HUD for your
needs

Flexible UI

Create Tools



All Products

Image	Product	Description	Price
	Apple Juice (1000ml)	The all-time classic.	1.99
	Apple Pomace	Finest pressings of apples. Allergy disclaimer: Might contain traces of worms. Can be sent back to us for recycling.	0.89
	Banana Juice (1000ml)	Monkeys love it the most.	1.99
	Carrot Juice (1000ml)	As the old German saying goes: "Carrots are good for the eyes. Or has anyone ever seen a rabbit with glasses?"	2.99
	Eggfruit Juice (500ml)	Now with even more exotic flavour.	8.99
	Fruit Press	Fruits go in. Juice comes out. Pomace you can send back to us for recycling purposes.	89.99
	Green Smoothie	Looks poisonous but is actually very good for your health! Made from green cabbage, spinach, kiwi and grass.	1.99
	Juice Shop Artwork	Unique masterpiece painted with different kinds of juice on 90g/m² lined paper.	278.74

Show / Hide

The OWASP™ Foundation

the free and open software security community



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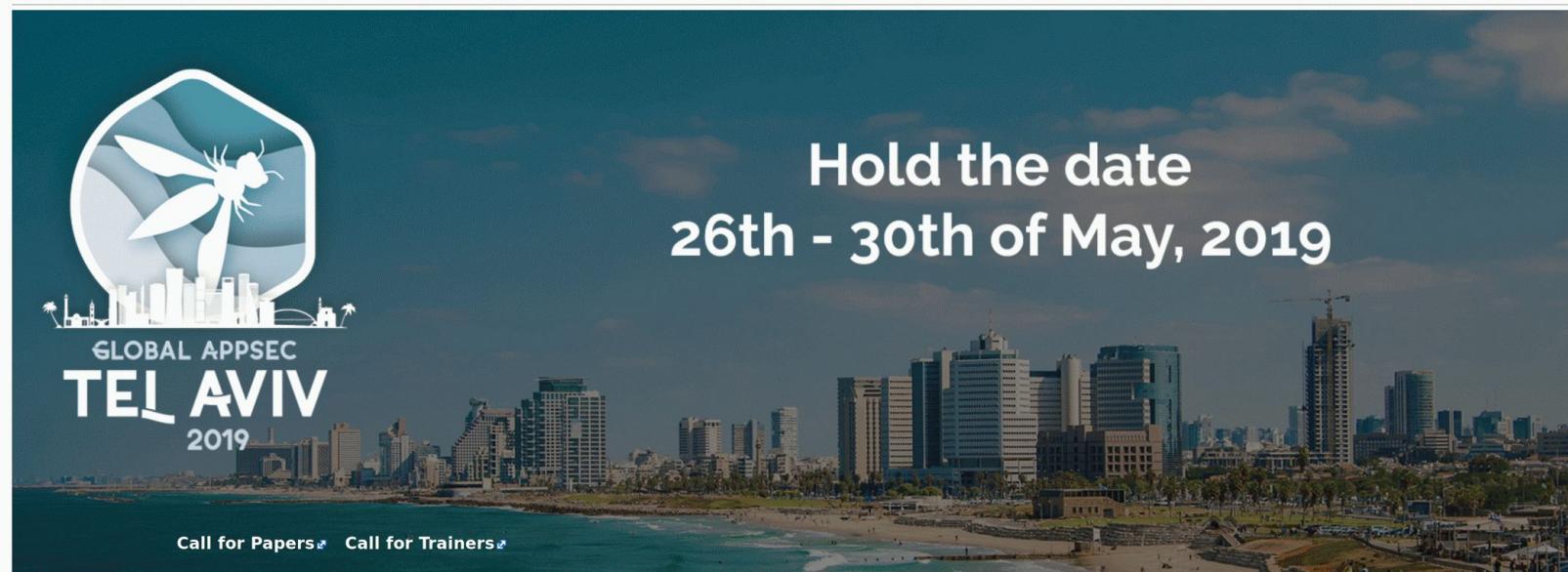
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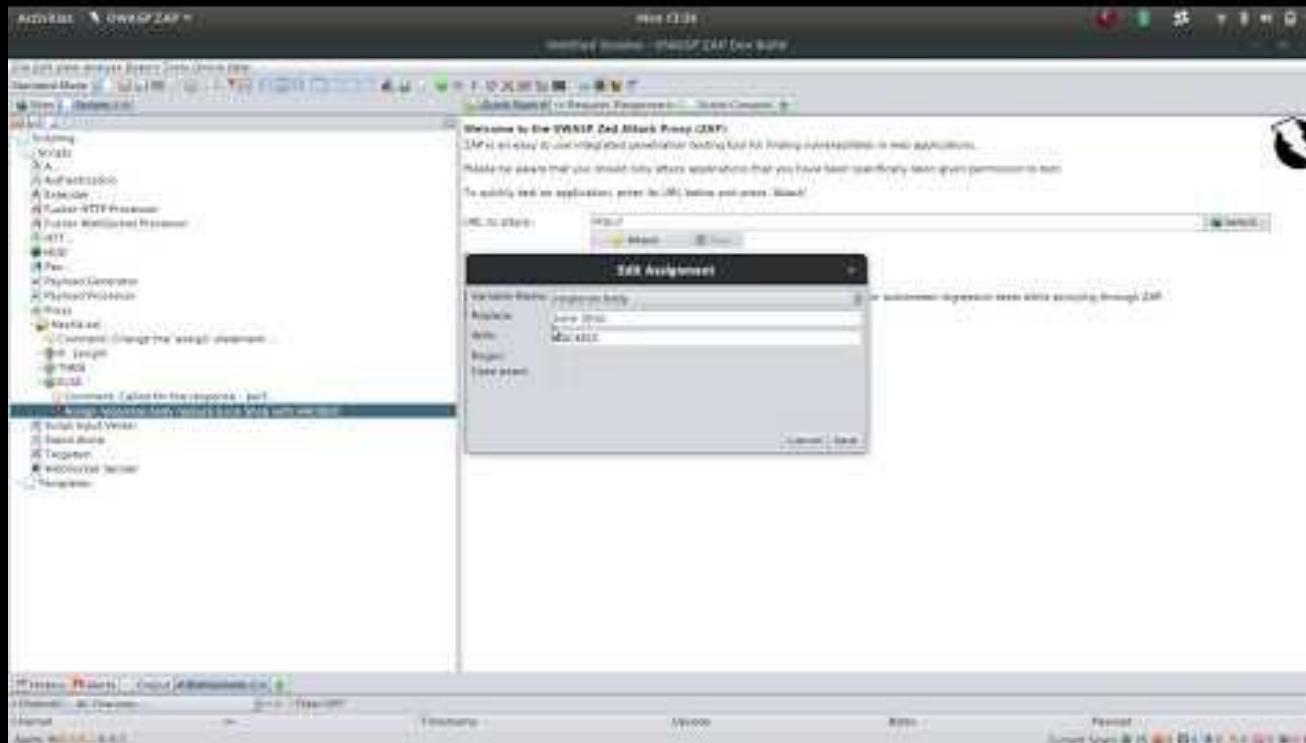
ANNOUNCING GLOBAL APPSEC TEL AVIV 2019!



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Creating a Tool

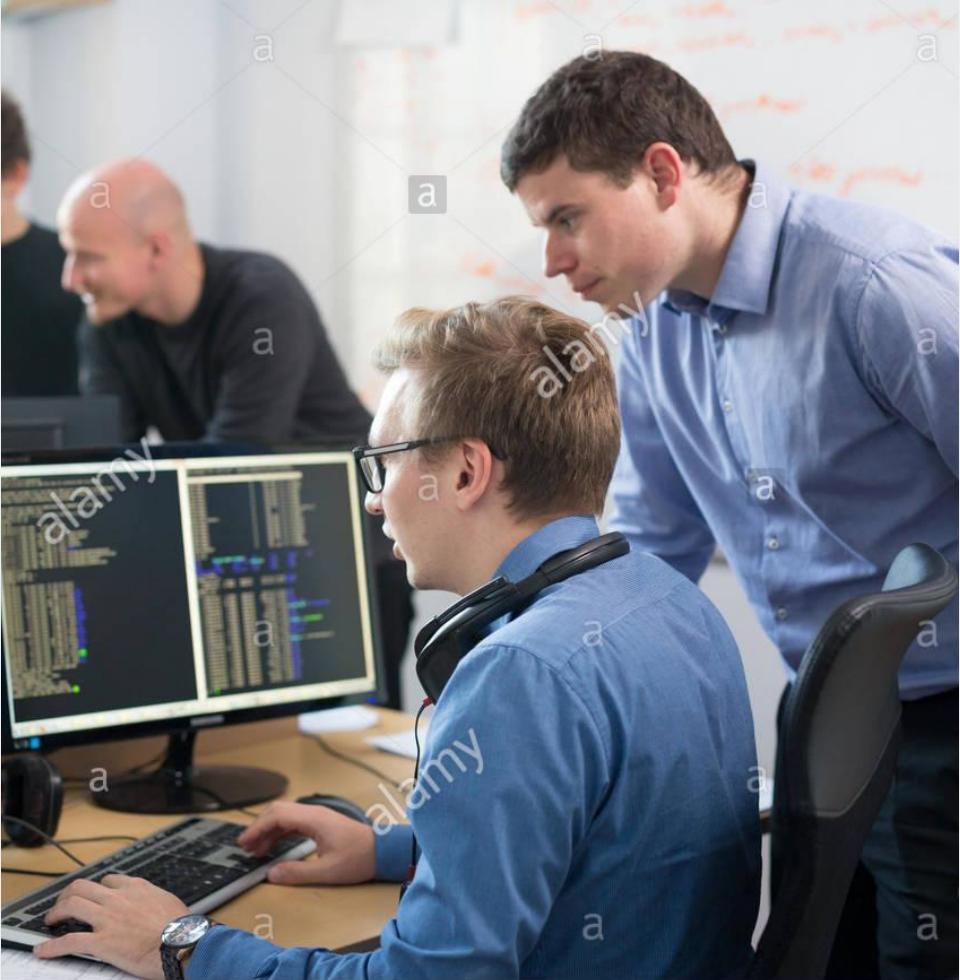


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How does this help me?

Developer

Discover vulnerabilities as you develop



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QA

Integrate security as you test



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Bug Bounty Hunter

Automate recon as you hunt

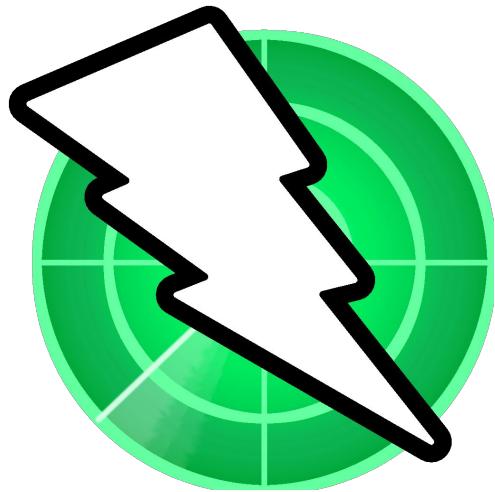


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Still don't believe?

OWASP ZAP



Heads Up Display

Try the HUD!

Where

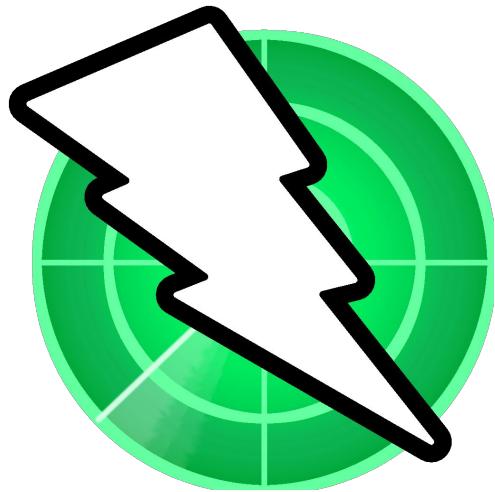
By the OWASP Booth

When

Today at 5 PM (during Happy Hour)

Tomorrow 10 - 12

OWASP ZAP



Heads Up Display

Come Help Us!

- Try it out and share your feedback
- Build new features
- Reach out

OWASP ZAP



Heads Up Display

OWASP ZAP



Heads Up Display

Integrated in the browser

OWASP ZAP

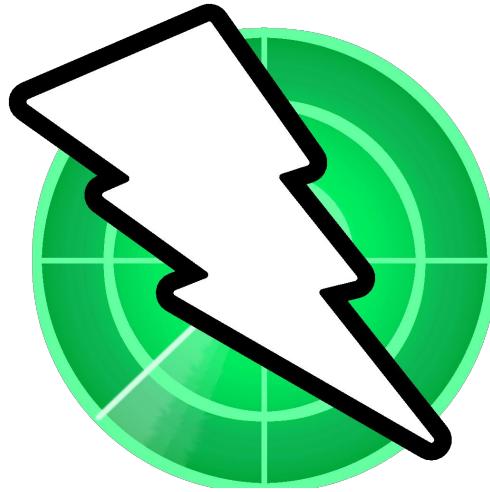


Heads Up Display

Integrated in the browser

New testing workflows

OWASP ZAP



Heads Up Display

Integrated in the browser

New testing workflows

Build your own tools



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FIGHT FOR THE USERS

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github.com/zaproxy/zap-hud

Questions?