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What are browser developer tools

What are developer tools, when to use and why



Browser developer tools provide a range of different tools that you can use to

- Analyse web page layout
- Debug JavaScript
- Show network traffic.

These tools can sometimes help diagnose general user issues with Sage X3 like

- Page not displaying as expected.
- Slow page load times to identify which URL is slow.
- Identify issues between browser and server, such as cookies being dropped.
- Issues that could be at the client side rather than server-side, like JavaScript errors

HTTP traces can be exported, saved and then sent to the support team for review and comparison. You can also emulate web browsing on other devices, such as Mobiles or Tablets



Browser developer tools - Introduction

Launching Developer tools

- Use function key: F12
- Keyboard combination: Ctrl-Shft-i
- Available in Edge: Settings and more> More tools> Developer tools
- Firefox: Tools> Web Developer> Toggle Tools
- Chrome: Customize and control> More tools> Developer tools

Interactive look at the tools

sage

Launching Developer tools

Brief look at layout and functionality

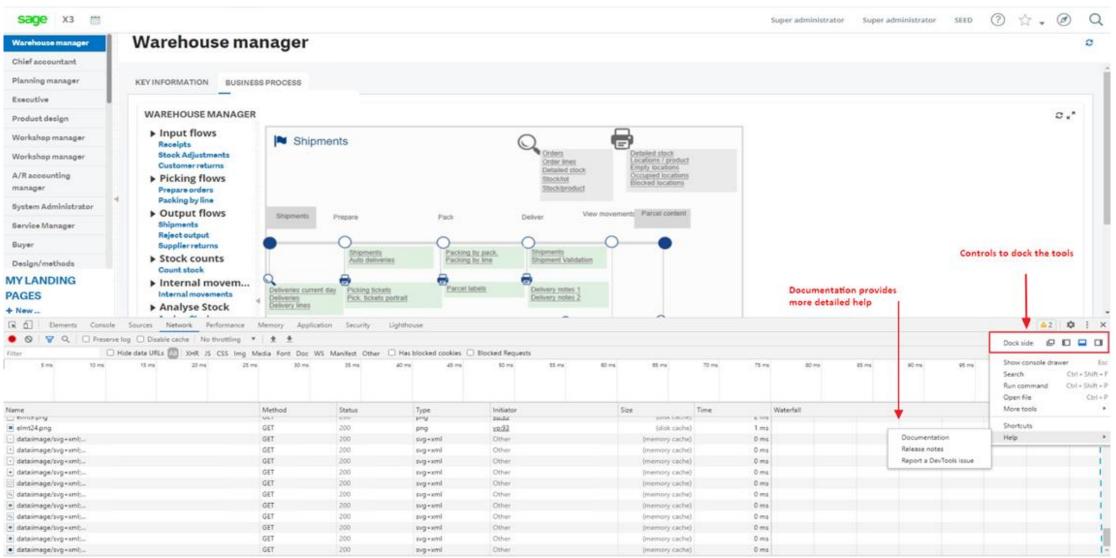
Capture a HTTP trace, save it to disk and then reload it

Identifying Web Elements on a page

Emulate Mobile device

Docking





Capturing an error client-side

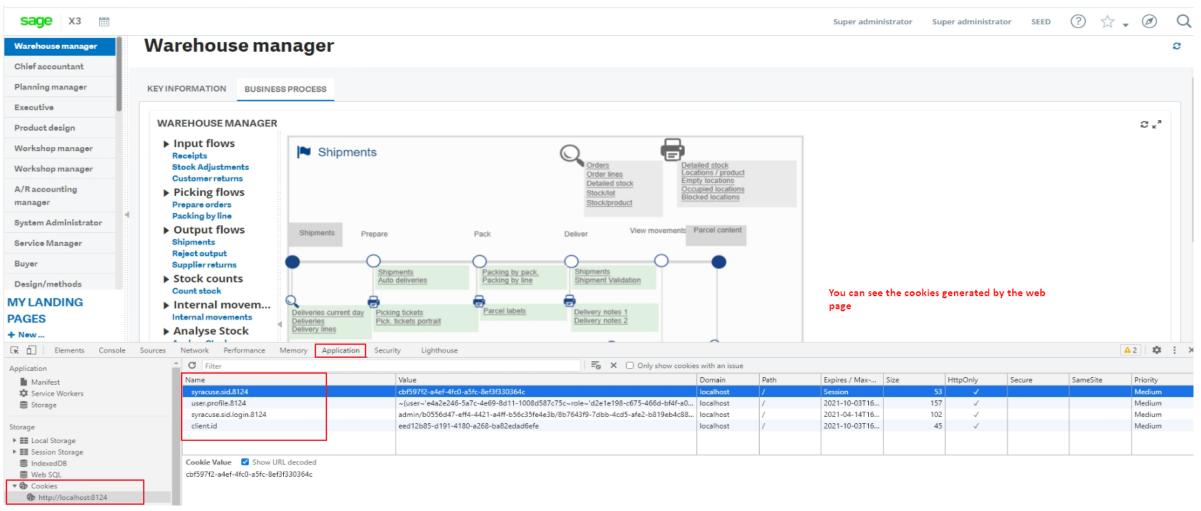
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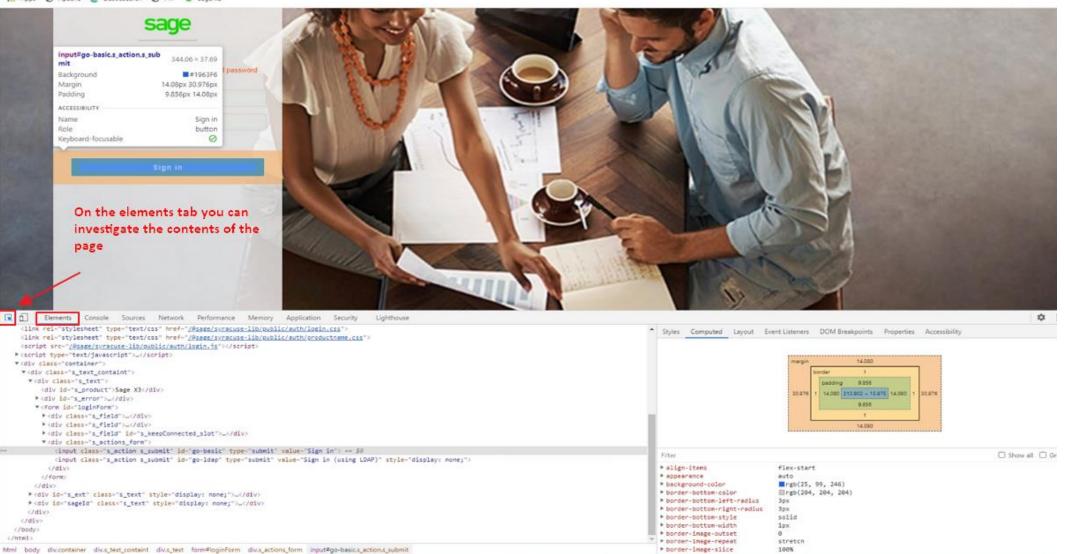


Page Inspector

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External tools

External Tool



Sage do not have any affiliation with any of the mentioned sites and are intended to show examples of other tools, rather than being a recommendation

- Fiddler
 - <u>https://www.telerik.com/fiddler</u>
 - Attach Fiddler to a process, or trace all Browser sessions
 - Run the procedure you wish to capture
 - Analyse the results

Sage blog article

https://www.sagecity.com/support_communities/sage_erp_x3/b/sageerp_x3_product_support_bl og/posts/using-fiddler-to-trace-x3-web-traffic

Fiddler by Telerik



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1 26	200	HTTP	locahost:8124 /socket.io/?EIO=3&transport=poling&t=NUBQ_tr&sid=cVG9/ZQIGpgHZA9PA		Hiscellanous
(第)17	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.hom		Referen http://locahosti8124/auth/login/page
(2) 18	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.hom		Longer and a state of the state
(2) 19	200	HTTP	localhost:8124 /sdata/syracuse/collaboration/syracuse/userProfiles/\$service/activeEroadca		Transformer Headers TextView SyntaxView ImageView HexView WebView Auth Caching Cookies Raw JSON XML
20 20	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.ACH.		Response Headers (Ren/) (Hender D
20 21	200	HTTP	locahost:8124 /socket.io/7630=38transport=poling8t=NUBQ_vz8sid=cvG9/2Q/GpgHZA9PA		
22	200	HTTP	locahost:8124 /socket.io//EIO=3&ransport=poling&t=NUBQ_vz.0&sid=cVG9/2Q/GpgHZA9	3	(HTTP/1.1 200 OK
@23	304	HTTP	locahost.8124 /sdata/x3/erp/X3ER6V12_SEED/&prototypes(ACHGENVX3.\$edir)?profile==(L.		Cache
20 24	200	HTTP	localhost:8124 /pol/Session?profile=~{loc~%27en-G8~role~%278acdfd37-edde-4f32-b12d	33	cache-control: max-age=0, s-maxage=0, no-cache, must-revaildate, private, proxy-revaildate, no-store
30.25	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.QUE		Date: Wed, 10 Feb 2021 10:10:44 GMT
(2) 26	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.QUE	511	program: no cache
(数27	200	HTTP	localhost:8124 /sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.PRO		Cookies / Login set-cookie: dient.id=4183d67/re5or-4082-88ab-1e411ae2a700; path=/; expres=Sun, 29 Aug 2021 10:10:44 GMT; HttpOnly
(2) 28	200	HTTP	localhost:8124 /sdata/x3/erp/K3ERPV12_SEED/Sprototypes(QUERY~ST0006~2.\$query)?p	1,273	set-cooke: cleric.cl=nic.obs/resc=resc=resc=resc=resc=resc=resc=resc=
(2) 29	200	HTTP	locahost:8124 /sdata/x3/erp/K3ERPv12_SEED/Sprototypes(QUERY~ST0005~2.Squery)?p	1,349	Initial
(計 30	200	HTTP	locahost:8124 /sdata/x3/erp/K3ERPV12_SEED/&prototypes(PROCESSINDIC_MAGA.\$de	286	content language: en-G8
(計31	200	HTTP	localhost:8124 /sdata/syracuse/collaboration/syracuse/pageLayoutProxies('pageContext.x	470	Content-Length 171
QD 32	200	HTTP	locahost:8124 /sdata/x3/erp/X3ERPV12_SEED/PROCESS(3hD1C_MAGA')?representation=P	5,031	contract-security-policy; frame-ancestors 'self';
(2) 33	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pageLayoutProxies(pageContext.x	470	content-type: application/jion
(2) 34	200	HTTP	locahost:8124 /sdata/syracuse/collaboration/syracuse/pageLayoutProxies("pageContext.x	470	Security
(2) 35	200	HTTP	locahost:8124 /sdata/x3/erp/K3ERPV12_SEED/QUERY(ST0005)?representation=QUERY~	1,201	x-content-type-options: noshiff
125 36	200	HTTP	locahost:8124 /sdata/x3/erp/X3ERPV12_SEED/QUERY(ST0006)/representation=QUERY~	1,462	x-frame-options: DENY
C 37	200	HTTP	Turnel to content-autofil.googleapis.com:443	6	x-xis-protection: 1; mode-block
10 20	200	HTTP	Turmel to update.googleapia.com:443	0	Transport
10 39	200	HTTP	localhost:8124 /poll5ession?profile=~{0c~%27en-G8~role~%278acdfd37-edde-4f32-b12d	33	Connection: keep-alive
10 40	200	HTTP	locahosti8124 /trans/x3/erp/X3ERPV12_SEED/\$sessions?f=GESAU5%2F2%2F%2FM%2F8		
un 41	200	HTTP	locahost:8124 //rans/x3/erp/X3ERPV12 SEED/SRes/GEN/BRLMENL/menioc.js/profile ==-{loc		

Example of Sage X3 Requester



Progress Telerik Fiddler Web Debugger

Win(onfig 🤇	🖓 🄧 Replay	X • 🕨 Go 🛛 😻	stream 🏨 Decode Keep: All sessions 👻 🕀	Any Proce	ss 🕋 Find	i 🔣 Save 🛛 🔤 🕑 🏉 Bri	vse - 🔆 Clear Cache 🎢 TextWizard 📴 Tearoff MSDN Search 😨
	Result	Protocol	Host	URL	Body	Caching	Content-Type	🖞 Get Started 🛞 Statistics 🔣 Inspectors 🚿 AutoResponder 📝 Composer 🔟 Fiddler Orchestra Beta 🚟 FiddlerScript 🗄 Log 🗌 Filters 🚍 Timeline
1	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pages(500	max-ag	application/json;charset	Headers TextView SyntaxView WebForms HexView Auth Cookies Raw JSON XML
	200	HTTP	localhost:8124	/socket.io/?EIO=3&transport=polling&t=NUBQ	2		text/html	GET http://localhost:8124/sdata/syracuse/collaboration/syracuse/pages('x3.erp.X3ERPV12_SEED.QUERY~ST0005~2.Squery.Spage.')?role=8acdfd37-edde=4f32-b12d-
	200	HTTP	localhost:8124	/socket.io/?EIO=3&transport=polling&t=NUBQ	3		text/plain; charset=UTF-8	Host: localhost:8124 Connection: keep-alive
	304	HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/\$prototypes("A	0	max-ag	application/json;vnd.sa	Accept: application/json;vnd.sage=syracuse; charset=utf=8
	200	HTTP	localhost:8124	/pollSession?profile=~(loc~%27en-GB~role~%	33	max-ag	application/json	X-Requested-with: XMLHttpRequest
	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pages(`	511	max-ag	application/json;charset	User-Agent: Mozilla/5.0 (Windows NT 10.0: Win64: x64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.150 Safari/537.36
	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pages('	511	max-ag	application/json;charset	Content-Type: application/jion; charset=utf=8 Sec-Fetch-Site: same-origin
	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pages('	515	max-ag	application/json;charset	Sec-Fetch-Mode: cors
	200	HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/\$prototypes(Q	1,273	max-ag	application/json;vnd.sa	Sec-Fetch-Dest: empty Refere: http://localhost:8124/svracuse-main/html/main.html?url=%3Frepresentation%3Dhome.%2524landing%26profile%3D~(loc-%27en-G8~role-%278acdfd37-edde-4
	200	HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/\$prototypes(Q	1,349	max-ag	application/json;vnd.sa	Accept=Encoding: gzip, deflate, br Cookie: Client.id=4183d67f-escc=4082-88ab=1e411ae2a700; user.profile.8124=-(user~'cOb5b6cf=80f5-4ca7-be32-132395399998~role~'8acdfd37-edde-4f32-b12d-a75
	200	HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/\$prototypes(P	286	max-ag	application/json;vnd.sa	CODK16: C11ent.10=418306/T=65CC=4082=8840=164114624/UU; USET.prof116.8124=~(USET~:CUD5D6CT=80T5=4C4/=D632=132395393938<=C016~:84C4T03/=6046=4732=D120=4/5
	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pageLa	470	max-ag	application/json;charset	
	200	HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/PROCESS(INDI	5,831	max-ag	application/json;vnd.sa	
	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pageLa	470	max-ag	application/json;charset	
	200	HTTP	localhost:8124	/sdata/syracuse/collaboration/syracuse/pageLa	470	max-ag	application/json;charset	
	200	HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/QUERY('STO00	1,201	max-ag	application/json;vnd.sa	
	200	HTTP		/sdata/x3/erp/X3ERPV12_SEED/QUERY('STO00	1,462	max-ag	application/json;vnd.sa	
	200	HTTP		content-autofil.googleapis.com:443	754	and the second second		
	200	HTTP		update.googleapis.com:443	754			
	200	HTTP	localhost:8124	/pollSession?profile=~(loc~%27en-GB~role~%	33	max-ag	application/json	
	200	HTTP		/trans/x3/erp/X3ERPV12_SEED/\$sessions?f=GE	7,682	max-ag		The JSON Response
	200	HTTP		/trans/x3/erp/X3ERPV12_SEED/\$files/GEN/BRI/	100,606	max-aq		
	200	HTTP		/trans/x3/erp/X3ERPV12_SEED/\$shared/GEN/B	2,364	max-ag		
	200	HTTP		/trans/x3/erp/X3ERPV12_SEED/\$files/GEN/ALL/	2,413		application/json	
	200	HTTP		/sdata/syracuse/collaboration/syracuse/pages(10,034	max-ag		
	200	HTTP		/sdata/syracuse/collaboration/syracuse/pageLa		max-ag		
	200	HTTP		/syracuse-react/dist/02b1e435d7ab26a1a0a35			image/prog	
	200	HTTP		/syracuse-react/dist/66ecd047182f4a068e538		public,		
	200	HTTP		/syracuse-react/dist/453a9f76d8fc925aad6007		public,		<
	200	HTTP		/syracuse-react/dist/1f9a385e6d889ee00c38c2			image/svg+xml	Find (press Ctrl +Enter to highlight all)
	200	HTTP		/syracuse-react/dist/5a8066c263777096569fce			image/svg+xml	
	200	HITP		/syracuse-react/dist/54e8ba82c72dafbd8c610c			image/svg+xml	Transformer Headers TextView SyntaxView ImageView HexView WebView Auth Caching Cookies Raw JSON XML
	200	HTTP		/syracuse-react/dist/6699cbf81dc8b5b2ee588a			image/svg+xml	□- JSON
	200	HTTP		/syracuse-react/dist/7bd02a567cd10b46fd1fe2			image/svg+xml	- \$authorUrl=http://localhost:8124/sdata/syracuse/collaboration/syracuse/pageAuths/\$template/\$workingCopies?representation=pageAuth.\$edit8pageContext=x3.erp.X3ERPV12_SEED.QUERY~STO005~2.\$quer
	200	HTTP		/syracuse-react/dist/243c1c2d8f1c3d86b658d6				\$key=8537e32b-c874-490c-8e1a-8ac3b940cbad
	200	HTTP		/syracuse-react/dist/243c1c2d8f1c3d86b658d6 /syracuse-react/dist/a559233d67ccd7a5f73f3b		public,		i i i i i i i i i i i i i i i i i i i
	200	HTTP				public,	1021515100701200	\$breadcrumb
	200	HTTP		/syracuse-react/dist/b411395e7f531a295b07d /syracuse-react/dist/304aa7325550a81305862			image/svg +xml	SuperPreferences
						public,		- \$method=PUT
	200	HTTP		/syracuse-react/dist/be769d3501bf423ee42a9			image/svg+xml	- \$url=http://localhost:8124/sdata/syracuse/collaboration/syracuse/pageLayoutProxies(pageContext.x3.erp.X3ERPV12_SEED.QUERY~STO005~2.\$query.user.c0b5b6cf-80f5-4ca7-be32-132395399998)?
	200	HTTP		/syracuse-react/dist/430787523f7eb0d12ea94			image/svg+xml	prototype=http://localhost:8124/sdata/x3/erp/X3ERPV12_SEED/\$prototypes(QUERY~STO005~2.\$query)
	200	НТТР		/syracuse-react/dist/f01e62f2072cb5abe5b190		public,	image/png	- \$url=x3.erp.X3ERPV12_SEED.QUERY~STO005~2.\$query,\$page,
	200	нттр		/trans/x3/erp/X3ERPV12_SEED/\$sessions('8cdf		max-ag		Suuid=8537e32b-c874-490c-8e1a-8ac3b940cbad
	200	HTTP		/trans/x3/erp/X3ERPV12_SEED/\$sessions(8cdf		max-ag		E-sviews
	200	HTTP		/sdata/syracuse/collaboration/syracuse/pages(max-ag		
	200	HTTP		/sdata/syracuse/collaboration/syracuse/pages(max-ag		- Scode - DEFAULT_VIEW
	200	HTTP		/sdata/syracuse/collaboration/syracuse/pages(510	max-ag		- suFactory=True - selected=True
	200	HTTP		/sdata/syracuse/collaboration/syracuse/pages(max-ag		selected = Irue
	200	HTTP		/sdata/x3/erp/X3ERPV12_SEED/\$prototypes('Q		max-ag		- sure = Uerauri - sure + Http://localhost:8124/sdata/syracuse/collaboration/syracuse/pages(x3.erp.X3ERPV12_SEED.QUERY~STO005~2.\$query,\$page,DEFAULT_VIEW')?fetchPrototype = false
	200	HTTP		/sdata/x3/erp/X3ERPV12_SEED/\$prototypes('P		max-ag		userPreferences=http://jocalnostio12/sposia/syracuse/collaboration/syracuse/pagel xy-epi-ZectV-12_setL-QUetV~s10009-2.squery,spageLcr-AULtetW_interum/stortype=raise userPreferences=http://jocalnostia12/squade.jcglaboration/syracuse/pagel xyoutProvise(pageContextX3.erp.X3ERPV12_SEED,QUERV~s10005-2.squery,user_105 bb6cf-80f5-4ca7-be32-1323953999
							application firequind an	age recercices - inter/liocal paralisation and lake and lake a second and lake a second and lake a second and as second and a second as second and a
	200	HTTP		/sdata/x3/erp/X3ERPV12_SEED/\$prototypes("Q	1,273	max-ag	application/json;vnd.sa	
		HTTP HTTP HTTP	localhost:8124	/sdata/x3/erp/X3ERPV12_SEED/\$prototypes('Q /sdata/syracuse/collaboration/syracuse/pageLa /sdata/syracuse/collaboration/syracuse/pageLa	470	max-ag	application/json;charset	

Statistics Information

Progress Telerik Fiddler Web Debugger File Edit Rules Tools View Help 💶 WinConfig 💭 🍫 Replay 🗙 🔸 🕨 Go 📲 Stream 🎬 Decode 🛛 Keep: All sessions 🔹 🕀 Any Process 🁬 Find 🔣 Save 📲 🔞 🏈 Browse 🔹 🏈 Clear Cache 🎢 TextWizard 🕼 Tearoff 🗍 MSDN Search... 🛛 🥨 Get Started 🕐 Statistics 🎇 Inspectors 🚿 AutoResponder 📝 Composer 📧 Fiddler Orchestra Beta 🚟 FiddlerScript 🗉 Log 🗌 Filters 🚍 Timeline Host URL -Result Protocol Content-Type Body Caching Request Count: (2) 21 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pages('... 500 max-ag... application/ison:charset... Bytes Sent: 1.251 (headers:1.251: body:0) 222 200 HTTP localhost:8124 /socket.io/?EIO=3&transport=polling&t=NUBQ... text/html Bytes Received: 2,157 (headers: 915; body: 1,242) 2 = 23 200 HTTP localhost:8124 text/plain; charset=UTF-{ /socket.io/?EIO=3&transport=polling&t=NUBO... 3 ACTUAL PERFORMANCE 24 304 HTTP localhost:8124 /sdata/x3/erp/X3ERPV12_SEED/\$prototypes("A... 0 max-ag... application/ison:vnd.sa.. 25 200 HTTP localhost:8124 /pollSession?profile=~(loc~%27en-G8~role~%... 33 max-aq... application/ison This traffic was captured on 10 February 2021. (Ja) 26 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pages('... 511 max-ag... application/json;charset... clientConnected: 10:10:08.111 (js) 27 200 HTTP /sdata/syracuse/collaboration/syracuse/pages('... 511 max-ag... localhost:8124 application/json;charset.. ClientBeginReguest: 10:10:48.420 Breakdown of times for all the (JS) 28 200 HTTP GotRequestHeaders: 10:10:48,420 Incalhost:8124 /sdata/syracuse/collaboration/syracuse/pages('... 515 max-aq... application/ison:charset. ClientDoneRequest: 10:10:48.420 various components (js) 29 HTTP 200 localhost:8124 /sdata/x3/erp/X3ERPV12 SEED/\$prototypes("Q... 1,273 max-aq. application/json;vnd.sa.. Determine Gateway: Oms (js) 30 DNS Lookup: 0ms 200 1,349 HTTP localhost:8124 /sdata/x3/erp/X3ERPV12_SEED/\$prototypes("Q... max-ag... application/json;vnd.sa... TCP/IP Connect: Oms (15) 31 200 HTTP localhost:8124 /sdata/x3/erp/X3ERPV12_SEED/\$prototypes(P... 286 max-ad. application/ison:vnd.sa.. HTTPS Handshake: Oms ServerConnected: 10:10:46.380 (and 32 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pageLa... 470 application/json;charset. max-aq. FiddlerBeginRequest: 10:10:48.420 (15) 33 200 HTTP localhost:8124 /sdata/x3/erp/X3ERPV12_SEED/PROCESS(INDI... application/json;vnd.sa... ServerGotRequest: 10:10:48.420 5.831 max-ad... ServerBeginResponse: 10:10:48.511 (15) 34 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pageLa... 470 application/json;charset... max-a0.... GotResponseHeaders: 10:10:48.511 (3) 35 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pageLa... 470 application/json;charset. ServerDoneResponse: 10:10:48,512 max-ag... ClientBeginResponse: 10:10:48.512 (2) 36 200 HTTP localhost:8124 /sdata/x3/erp/X3ERPV12_SEED/QUERY('STO00... application/ison;vnd.sa.. 1.201 max-ad... ClientDoneResponse: 10:10:48.512 (18) 37 /sdata/x3/erp/X3ERPV12_SEED/QUERY('STO00... 1,462 max-ag... application/json;vnd.sa... 200 HTTP localhost:8124 Overall Elapsed: 0:00:00.092 1 38 200 HITP Tunnel to content-autofill.googleapis.com:443 754 RESPONSE BYTES (by Content-Type) 1 39 200 HTTP Tunnel to update.googleapis.com:443 754 3 40 200 HTTP localhost:8124 /pollSession?profile=~(loc~%27en-GB~role~%... 33 max-ag... application/json application/json: 1,242 ~headers~: 915 /trans/x3/erp/X3ERPV12_SEED/\$sessions?f=GE... 7,682 max-ag... application/json 2 41 200 HTTP localhost:8124 425 42 200 HTTP localhost:8124 /trans/x3/ero/X3ERPV12_SEED/\$files/GEN/BR1/... 100,606 max-ag... application/javascript ESTIMATED WORLDWIDE PERFORMANCE (15) 43 200 HTTP localhost:8124 /trans/x3/erp/X3ERPV12_SEED/\$shared/GEN/B... 2,364 max-ag... application/json (15) 44 200 HTTP localhost:8124 /trans/x3/erp/X3ERPV12_SEED/\$files/GEN/ALL/... 2,413 max-ag... application/json The following are VERY rough estimates of download times when hitting servers based in Seattle. (15) 45 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pages('... 10,034 max-ag... application/ison;charset. US West Coast (Modem - 6KB/sec) (15) 46 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pageLa... 470 max-ag... application/json;charset. RTT: 0.105 Elapsed: 0.105 47 localhost:8124 166 public, ... image/png 200 HTTP /syracuse-react/dist/02b1e435d7ab26a1a0a35... - 48 Japan / Northern Europe (Modem) 200 HTTP localhost:8124 /syracuse-react/dist/66ecd047182f4a068e538... 877 public, ... image/svg+xml RTT: 0.155 49 HTTP localhost:8124 /syracuse-react/dist/453a9f76d8fc925aad6007... 850 public, ... image/svg+xml Elapsed: 0.155 50 200 HITP localhost:8124 /svracuse-react/dist/1f9a385e6d889ee00c38c2... 942 public, ... image/svg+xml China (Modem) 51 200 HITE localhost:8124 /syracuse-react/dist/5a8066c263777096569fce... 969 public, ... image/svg+xml 0.455 Elapsed: 0.455 52 200 HTTP localhost:8124 /svracuse-react/dist/54e8ba82c72dafbd8c610c... 845 public, ... image/svg+xml 53 200 HTTP localhost:8124 /syracuse-react/dist/6699cbf81dc8b5b2ee588a... 849 public, ... image/svg+xml US West Coast (DSL - 30KB/sec) 0.105 RTT: 2 54 200 HITP localhost:8124 /syracuse-react/dist/7bd02a567cd10b46fd1fe2... 762 public, ... image/svg+xml Elapsed: 0.105 2 55 200 HITP /syracuse-react/dist/243c1c2d8f1c3d86b658d6... 1,285 public, ... image/svg+xml localhost:8124 Japan / Northern Europe (DSL) **26** 200 HTTP localhost:8124 /syracuse-react/dist/a559233d67ccd7a5f73f3b... 794 public. ... image/syg4xml RTT: 0.155 57 200 HTTP Elapsed: 0.155 localhost:8124 /syracuse-react/dist/b411395e7f531a295b07d... 1,299 public, ... image/svg+xml 58 200 HTTP localhost:8124 /syracuse-react/dist/304aa7325550a81305862... 1,119 public, ... image/svg+xml China (DSL) 2 59 200 HTTP localhost:8124 /svracuse-react/dist/be769d3501bf423ee42a9... RTT 0.455 884 public, ... image/svg+xml Elansed: 0.455 **E** 60 200 HTTP localhost:8124 /syracuse-react/dist/430787523f7eb0d12ea94... 923 public, ... image/svg+xml 61 200 HTTP localhost:8124 /syracuse-react/dist/f01e62f2072cb5abe5b190.. 154 public, ... image/png (15) 62 200 HTTP localhost:8124 /trans/x3/erp/X3ERPV12_SEED/\$sessions('8cdf... Learn more about HTTP performance at http://fiddler2.com/r/7HTTPPERF 541 max-ag... application/json (15) 63 200 HTTP localhost:8124 /trans/x3/erp/X3ERPV12_SEED/\$sessions('8cdf... 76 max-ag... application/json;charset. (35) 64 200 HTTP localhost:8124 /sdata/syracuse/collaboration/syracuse/pages(... 58,130 max-ag... application/json;charset...

The Composer

	Body	Caching	Content-Type	Get Started 🗭 Statistics 💥 Inspectors 🔌 AutoResponder 📝 Composer 👩 Fiddler Orchestra Beta 🔚 Fiddler Script 🗉 Log 🔲 Filters 🚍 Timeline	
Check.aspx?is8eta=False	823	private	text/plain: charset=utf-8		
gin/page	3,909	max-ag	text/html	Use this page to compose a Request. You can clone a prior request by dragging and dropping a session from the Web Sessions list.	E
gin/submit	171	max-ag	application/json		
	5	max-ag		Parsed Raw Scratchpad Options	
e-main/html/main.html?url=%3Frepres	1,065	po-cac	text/html; charset=utf-8	POST V http://localhosti8124/auth/login/submit V HTTP/1.1 V	LogRequests
tatic.com:443	754				History
yracuse/collaboration/syracuse/userPr	5,307	max-ag	application/json;charset	Host: localhost:8124	Contraction of the second second second second second
yracuse/collaboration/syracuse/pages(482	max-ag	application/json;charset	Connection: keep-alive Content-Length: 23	localhost:8124/auth/l
yracuse/collaboration/syracuse/\$proto	0	max-ag	application/json;charset	accept: application/json	
int	85	max-ag	application/json	authorization: Basic YWRtaW46YWRtaW4=	
localize=en-GB&known=syracuse-main	19,042	max-ag	multipart/related; boun	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.150 Safari/537.36 content-type: application/ison	
/racuse/collaboration/syracuse/userBo	642	max-ag	application/json;charset	Origin http://bcallost8124	
o/?EIO=3&transport=polling&t=NUBQ_tc	99		text/plain; charset=UTF-8	Sec-Fetch-Site: same-origin	
o/?EIO=3&transport=polling&t=NUBQ	2		text/html	Sec-Fetch-Mode: cors Sec-Fetch-Dest: empty	
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o/?EIO=3&transport=websocket&sid=	0			Accept-Encoding: gzp, deflate, br	
o/?EIO=3&transport=polling&t=NUBQ	15		text/plain; charset=UTF-8	Accept-Language: en-GB,en-US;q=0.9,en;q=0.8 Cookie: client.id=4183d67f-e5cc-4082-88ab-1e411ae2a700; user.profile.8124=~(user~c0b5b6cf-80f5-4ca7-be32-132395399998~role~8acdfd37-edde-4f32-b12d-a7581e	
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o/?EIO=3&transport=polling&t=NUBQ	2		text/html		
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3/erp/X3ERPV12_SEED/\$prototypes("A	0	max-ag	application/json;vnd.sa		
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Composer allows you to drag & drop requests

and execute

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2 77	200	HTTP	localhost:8124	/logout?profile=~(loc~%27en-GB~role~%278	92	max-ag	application/json
\$≥78	200	HTTP	localhost:8124	/auth/forgetMe/page	848	max-ag	text/html
\$≥79	200	HTTP	localhost:8124	/auth/login/page	1,354	max-ag	text/html
281	200	HTTP	localhost:8124	/auth/login/submit	156	max-ag	application/json



More information

More information



There are many sources of additional help, tutorials, etc. For example:

- What are browser developer tools
 - <u>https://developer.mozilla.org/en-US/docs/Learn/Common_questions/What_are_browser_developer_tools</u>
- Firefox developer tools
 - <u>https://developer.mozilla.org/en-US/docs/Tools</u>
- Chrome developer tools
 - <u>https://developers.google.com/web/tools/chrome-devtools</u>
- Microsoft Edge developer tools
 - <u>https://docs.microsoft.com/en-us/microsoft-edge/devtools-guide-chromium/</u>
- Fiddler by Telerik
 - <u>https://docs.telerik.com/fiddler/configure-fiddler/tasks/configurefiddler</u>

Summary



What are browser developer Tools When to use, Why

Browser developer tools introduction

Chrome and Firefox also available in Edge

• External tools

Fiddler by Telerik

More information

Thank you



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