Test name	Still relevant for Firefox?	Regressions in last 11 months Bugs [Total]	Valid on all the configs?	Config problems/Suggestions	Owners	Bugzilla component	Notes	
Talos								
stylebench	Yes	1434233	Yes		emilio@crisal.io	Core :: CSS Parsing and Computation	Recent test	
kraken	Yes	regressions: 1337010, 1352085, 1371240, 1414321 improvements: 1337561, 1377131, 1434233	Yes	Doesn't need any modifications.	sdetar@mozilla.com	Core :: JavaScript Engine	Didn't get proper answer to 2nd question; people didn't understand it	
speedometer summary	Yes	regressions: 1412777, 1414321, 1418389 improvements: 1434233	Yes	Doesn't need any modifications. Has already been updated.	sdeckelmann@mozilla.com	Core :: General	Didn't get proper answer to 2nd question; people didn't understand it	
glvideo	Yes	regressions: 1375414, 1434233, 1367746, 1379139	Yes		jgilbert@mozilla.com	Canvas :: WebGL		
glterrain	Yes	regressions: 1428746, 1375956, 1402773 improvements: 1344839, 1375903, 1405950, 1434233	Yes		jgilbert@mozilla.com	Canvas :: WebGL		
a11y	Yes	regressions: 1361792, 1387535, 1419694	Yes, "as far as I know"	Finish these related bugs: 1268562, 1264278	surkov.alexander@gmail.com	Core :: Disability Access APIs	Ask owner to properly check validity of configs	
perf-reftest	Yes	regressions: 1358042, 1358048, 1363104	Yes	Tests are in good shape; nothing to update.	bobbyholley@gmail.com	Core :: CSS	Ask owner to properly check validity of configs. Real owner was Cameron McCormack; hopefully, he will rejoin Mozilla. ---- perf-reftest used to be bloom_basic.	
perf-reftest-singletons	Yes	regressions: 1406878	Yes	Tests are in good shape; nothing to update.	bobbyholley@gmail.com	Core :: CSS	Ask owner to properly check validity of configs Real owner was Cameron McCormack; hopefully, he will rejoin Mozilla.	
Stylo gtest microbenchmarks	Yes	regressions (may include other alert types): 1412208, 1415465, 1429319, 1434213	No	Behaves strangely on Windows, due to MSVC (see bugs 1415465, 1429319, 1434213). Consider disabling this on Windows.	bobbyholley@gmail.com	Core :: CSS	Real owner was Cameron McCormack; hopefully, he will rejoin Mozilla.	

DAMP	Yes	regressions (may include other alert types):
		1344468, 1352085, 1361792, 1362678, 1367746, 1369682, 1387535, 1390799, 1401886, 1405960, 1403464, 1405455, 1411243, 1412809, 1413508, 1419766, 1420364, 1421615
			Not really	One platform is enough	poirot.alex@gmail.com	DevTools :: Framework	Ask owner to properly check validity of configs.
							The way DAMP alerts isn't good enough:
							" it doesn't fit well with overall Talos procedure.
							This is all due to: https://bugzilla.mozilla.org/show_bug.cgi?id=1397745
							
							Part of automated reports, done by perf sheriffs, are irrelevant.
							Especially the one related to devtools patches:
							  1401886, 1411243, 1413508, 1419766, 1420364, 1421615, 1435169
							I spotted only two that actually relate to a real regression:
							  1344468, 1362678
							It is very different for platform patches. They seem to be really regressing devtools.
							In most of these reports, it regress multiple talos test suites. I saw one or two bugs regressing only DAMP.
							
							But the main problem is that reports are being done only against summary test (bug 1397745).
							And so, many devtools regressions are not reported.
							For example, this week, bug 1433117 regressed complicated.debugger.open by 12%:
							  https://treeherder.mozilla.org/perf.html#/graphs?timerange=604800&series=mozilla-central,1418499,1,1&selected=mozilla-central,1418499,300942,404659274,1
							And there was no report of it.
							
							Because of this I crafted some dedicated dashboard, allowing me to do the sheriffing work specific to DevTools:
							  http://firefox-dev.tools/performance-dashboard/
							" (quote from Alexandre Poirot)	

tpaint	Yes	regressions (may include other alert types): 1347671, 1351630, 1361792, 1393742, 1402773	Yes	Doesn't need any modifications.	milan@mozilla.com	Core :: Graphics		
tresize	Yes	regressions (may include other alert types): 1339138, 1341269, 1347545, 1347602, 1351630, 1351630, 1364007, 1372096, 1390796, 1400231	Yes		jmathies@mozilla.com	Core :: Widget/ Core :: General	"It does not time reflow of content though. That was something we always wanted to add." (quote from Jim Mathies)	
ts_paint	Yes	regressions (may include other alert types): 1337119, 1340873, 1351630, 1364477, 1364488, 1367388, 1372881, 1388285, 1402220, 1402773, 1426743	Yes	Doesn't need any modifications.	milan@mozilla.com	Core :: Graphics/ Core :: General		
tsvg_static	Yes	regressions (may include other alert types): 1339138, 1339454, 1347545, 1361792, 1364007, 1402773	"I believe so"		dholbert@mozilla.com jwatt@jwatt.org maybe npancholi@mozilla.com	Core :: SVG		
rasterflood_svg	Yes	regressions: 1424325 improvements: 1425056, 1434233	Yes		rhunt@eqrion.net	Core :: Graphics		
rasterflood_gradient	Yes	regressions: 1424325 improvements: 1434233	Yes		rhunt@eqrion.net	Core::Graphics		

Test name	Still relevant for Firefox?	Regressions in last 11 months Bugs [Total]	Valid on all the configs?	Config problems/Suggestions	Owners	Bugzilla component	Notes	
tp5o responsiveness	Yes	regressions: 1361792 improvements: 1373214, 1434233, 1380630, 1383896, 1357486, 1420070, 1364007	"Don't know"	"We may not care so much about debug builds (if th "As long as we're keeping these up to date on a rea Can we aim for a 1-year update schedule for these	<details: Jim Mathies says he's not the owner> <details: asked him in a separate email to point me to a owner> <details: maybe overholt is the owner; I've forwarded the email to him; waiting for response> <details: overholt knows little about the tests; he CCed Jim and Selena, in case they have better answers>	Core :: DOM or Core :: Layout (depends on failure)	"Responsiveness is pretty generic and can be affected by a lot of different things." (quote from Andrew Overholt)	
IsASCII/IsUTF8 gtests	Yes	regressions: 1393031 improvements: 1401647	Yes, but...	"it would be awesome if we could get these running on ARMv7+NEON and aarch64 on the kind of core designs that are representative of phones, i.e. out-of-order design similar to high-end phones, but yet have a stable clock speed " (quote from Henri Sivonen)	hsivonen@hsivonen.fi	Core :: Strings		
tabpaint	Yes	regressions (may include other alert types): 1339138, 1339138, 1347545, 1347671, 1358059, 1361792, 1363124, 1364488, 1369662, 1390824, 1405960, 1402773, 1403464	"I believe so"	Doesn't need any updates/modifications.	mconley@mozilla.com	Firefox :: Tabbed Browser		
tps	"I believe so"	regressions (may include other alert types): 1339138, 1339454, 1361792, 1364488, 1400231, 1405960, 1422685	"I believe so, but..."	"tp5 set could be swapped out for something more modern. " (quote from Mike Conley)	mconley@mozilla.com	Firefox :: Tabbed Browser or Core :: Graphics or DOM :: Content Processes		
cpstartup	"I believe so"	regressions (may include other alert types): 1416359, 1426743, 1434927	"I believe so"	Doesn't need any updates/modifications.	mconley@mozilla.com	Core :: DOM: Content Processes	Original owner was gabor, which has now left Mozilla.	
tart	"I believe so"	regressions: 1401682, 1402773, 1406896, 1410908, 1414321, 1352085, 1387535, 1367746, 1369019, 1361792, 1379620, 1364007, 1405960, 1395923, 1390472, 1364488, 1337043 wontfixes: 1387247, 1380291, 1375414, 1386686, 1393422, 1393739 improvements: 1400231, 1405455, 464450(from github), 1434233, 1339454, 1328140, 1364477, 1364849, 1357641, 1387535, 1376892, 1383841, 1384714, 1377184, 1349554	"I believe so, hard to confirm"	"Certainly the code for the test itself is completely unwieldy and needs a re-write. " (quote from Mike Conley)	MattN+bmo@mozilla.com	Firefox :: Tabbed Browser	Mike doesn't want to own this test too. He already has too many test to look after.	
PerfStrip Tests	Yes	regressions: 1379578 improvements: 1368649, 1338651, 1393230	Yes	"No need for updates"	milan@mozilla.com	Core :: XPCOM		
tp5n * (xperf)	Yes	regressions: 1363479, 1364488, 1371649, 1158387, 1388645(wontfix), 870460 wontfixes: 1380630, 1367746, 1376174, 1378791 improvements: 1361002, 1383257, 1382509, 977177, 1356220, 1364488, 1422451, 1380398, 1403513	yes/ all good		aklotz@mozilla.com	Core :: General (or something more specific from Core :: *)		
tp5n nonmain_startup_fileio	Yes		yes (win7/win10)	all good	aklotz@mozilla.com			
tp5n main_startup_fileio	Yes	1340873, 1367746, 1412777 [3]	yes (win7/win10)	all good	aklotz@mozilla.com			
tp5n nonmain_normal_netio	not really	1359792, 1364867 [2]	yes (win7/win10)	all good	aklotz@mozilla.com			
tp5n nonmain_startup_fileio	Yes	1390325, 1391684, 1403464, 1406288, 1411880 [5]	yes (win7/win10)	all good	aklotz@mozilla.com			
tp5n nonmain_normal_fileio	not really	1363479, 1364488, 1371649, 1372096, 1388285, 1388645	yes (win7/win10)	all good	aklotz@mozilla.com			
tp5o_scroll	Yes	regressions (may include other alert types): 1339454, 1351630, 1352085, 1361970, 1391681, 1400855	Yes	"I don't know. I'd have to spend more time looking at the test, and I don't have time to do that at the moment." (quote from Kartikaya Gupta)	kgupta@mozilla.com	Core::Panning and Zooming		
TestStandardURL	Yes, but not in automation	regressions: 1412208 wontfixes: 1415465 improvements: 1368649, 1356701, 1408789	No	Some platforms may still be problematic, as some numbers aren't very stable	valentin.gosu@gmail.com	Core :: Networking		
basic_compositor_video	Yes	regressions: 1379139, 1356554 wontfixes: 1375956 improvements: 1370155	Yes, with a small exception...	"This test needs to run on Windows and Linux - we don't need it on Mac." (quote from Milan Sreckovic)	milan@mozilla.com	Core :: Graphics: Layers	"But having said that, there's a huge percentage of our user that are stu Typically because we've blacklisted their drivers. So the basic compositor is important. And it's also the default on linux" ("We want it to guard against regressions in the decoding/compositing pip	

Test name	Still relevant for Firefox?	Regressions in last 11 months Bugs [Total]	Valid on all the configs?	Config problems/Suggestions	Owners	Bugzilla component	Notes
displaylist_mutate	Yes	regressions: 1414321, 1420737 wontfixes: 1416765, 1424325 improvements: 1406727 (alert 10590)	Yes, but...	"Valid, but possibly not super necessary. It's largely dominated by platform independent code, so we might not need to run it everywhere." (quote from Matt Woodrow)	matt.woodrow@gmail.com	Core :: Layout: Web Painting	
dromaeo_css	Yes	regressions: 1349554, 1414789 improvements: 1356652, 1434233, 1341067, 1368649, 1372182	Yes		bzbarsky@mit.edu	some combination of "DOM" and "CSS: Parsing and Computation'" (quote from Boris Zbarsky)	
dromaeo_dom	Yes	regressions: 1367905, 1352168 improvements: 1392790, 1434233	Yes		bzbarsky@mit.edu	DOM	
sessionrestore*	Yes	regressions (may include other alert types): 1337119, 1339138, 1340873, 1351630, 1356138	Yes, but...	We only care about the OPT builds Also CC test owner when filing regression bugs on this	mdeboer@mozilla.com	Firefox :: Session Restore	
sessionrestore	Yes	1357345, 1360608, 1364477, 1364488, 1364867, 1366242, 1372881, 1388285, 1402773, 1412777 [10]	Yes, but...	We only care about the OPT builds Also CC test owner when filing regression bugs on this	mdeboer@mozilla.com	Firefox :: Session Restore	
sessionrestore_no_auto_restore	Yes	1357345, 1360608, 1364477, 1364488, 1367746, 1372881, 1388285, 1402773, 1412777 [9]	Yes, but...	We only care about the OPT builds Also CC test owner when filing regression bugs on this	mdeboer@mozilla.com	Firefox :: Session Restore	
sessionrestore_many_windows	Yes	1389453, 1393910, 1397864, 1401483, 1405960, 1405628, 1416359 [7]	Yes, but...	We only care about the OPT builds Also CC test owner when filing regression bugs on this	mdeboer@mozilla.com	Firefox :: Session Restore	
tp6	Yes	1369632, 1372881, 1420070(amazon), [1415196, 1420070](amazon_heavy), [1392969, 1415196, 1419758](facebook), [1415196, 1419758](facebook_heavy), [1392969, 1412777, 1415196, 1420070](google), [1415196, 1420070](google_heavy), 1420070(youtube), [1415196, 1420070](youtube_heavy)	Yes	update the pageset regularly and make a larger pag	rwood@mozilla.com	testing :: talos	
tscrollx	Yes	1338579, 1339454, 1351630, 1389498, 1400855, 1402773, 1414321 [7]	Yes, but needs double check	"Should probably be updated" (quote from jmuizelaar@mozilla.com)	jmuizelaar@mozilla.com	Core :: Graphics	Jeff Muizelaar said will come back with a proper answer to the first email. Wait for it; ping him again, if need be.
tsvgr_opacity	Yes	1339138, 1339454, 1347545, 1351615, 1352085, 1361792, 1363377, 1366234, 1387535, 1409386, 1410908, 1412777, 1416765, 1420070, 1421276 [15]	"I believe so"		dholbert@mozilla.com jwatt@jwatt.org maybe npancholi@mozilla.com	Core :: SVG	
tsvgx summary	Yes	1339454, 1352085, 1361792, 1364007, 1367351, 1387535, 1402773, 1410908, 1414321 [9]	"I believe so"		dholbert@mozilla.com jwatt@jwatt.org maybe npancholi@mozilla.com	Core :: SVG	tsvgx, tsvg_opacity and tsvg_static have the same state and owners
ts_paint_webext	Yes	regressions: 1388285, 1380398, 1438775 wontfixes: 1401127 improvements: 1412777, 1434233	Yes	"We're actively working on a lot of performance sen Once we have a system add-on like Screenshots th At this point, I'm actually considering adding more w " (quote from kmag)	kmaglione+bmo@mozilla.com	Toolkit :: WebExtensions: General	
tp5o_webext	Yes	n/a	Yes		kmaglione+bmo@mozilla.com	Toolkit :: WebExtensions: General	
tp5o_webext XRes	Yes	regressions: 1434233	Yes		kmaglione+bmo@mozilla.com	Toolkit :: WebExtensions: General	
tp5o_webext % Processor Time	Yes	wontfixes: 1385960, 1401127	Yes		kmaglione+bmo@mozilla.com	Toolkit :: WebExtensions: General	
tp5o_webext Main_RSS	Yes	regressions: 1352595 wontfixes: 1401127, 1393739 improvements: 1382555	Yes		kmaglione+bmo@mozilla.com	Toolkit :: WebExtensions: General	
tp5o_webext responsiveness	Yes	regressions: 1361792, 1391779, 1442139, 1439528 wontfixes: 1392573, 1401127 improvements: 1420070, 1357486, 1383896, 1380630, 1434233	Yes		kmaglione+bmo@mozilla.com	Toolkit :: WebExtensions: General	
about_preferences_basic	Yes	regressions: 1442262	Yes	Doesn't need any updates/modifications.	jaws@mozilla.com	Firefox :: Preferences	
motionmark_animometer/_htmlsuite	Yes	None yet	Yes	The test is brand new and it doesn't need any modifications.	milan@mozilla.com	Core :: Graphics	
ares6	Yes	None yet	Yes	"This could run on all platforms, but just running on	jdemooij@mozilla.com	Core :: JavaScript Engine	
jetstream	Yes	None yet	Yes	"This can also run on all platforms, but Linux or Win	jdemooij@mozilla.com	Core :: JavaScript Engine	
Build Metrics							

Test name	Still relevant for Firefox?	Regressions in last 11 months Bugs [Total]	Valid on all the configs?	Config problems/Suggestions	Owners	Bugzilla component	Notes
compiler warnings	No	regressions: 1379880, 1391533, 1341285, 1374275, 1382502, 1389435 wontfixes: 1378050, 1391533 improvements: 1351089, 1380233, 1340910, 1330202, 1370511, 1371536, 1379190	Doesn't matter anymore.	Doesn't matter anymore.	cpeterson@mozilla.com	Doesn't matter anymore.	"I don't think we need to track the number of compiler warnings. Most code written by Mozilla is now compiled with warnings-as-errors (on our build machines), so any new warnings in Mozilla code will be caught. Watching for an increase in the number of warnings in third-party libraries (after updating to a new library version or a new compiler) might be interesting, but third-party code has been tested by other people and is less likely to have bugs that a Mozilla patch that just landed on mozilla-inbound. :-)" (quote from Chris Peterson)
compiler_metrics num_static_constructors	Yes	regressions: 1385461, 1430534 wontfixes: 1355051	Yes	Doesn't need any updates/modifications.	nfroyd@mozilla.com	Core :: General, "unless the component from the regressing changeset is more appropriate"	
installer size summary	Yes	regressions: 1371609, 1405569, 1413570, 1362377, 1437772, 1437063, 1381501 wontfixes: 1392977, 1395067, 1412776 improvements: 1421635, 1380698, 635961	Yes	Doesn't need any updates/modifications.	sledru@mozilla.com	Firefox :: Installer	
build times summary	Yes	regressions: 1374824, 1382502, 1407207, 1408836, 1415820, 1429311 wontfixes: 1354122, 1395067, 1412776, 1416741, 1379579 improvements: 1304508, 1397629, 1352595, 1433567 (may include other alert types) 1354061, 1371240, 1388285, 1403456, 1409048, 1409386, 1411212, 1411884, 1412776, 1412785, 1415514, 1416741, 1428027, 1428311	Yes		mhommey@mozilla.com mshal@mozilla.com ted@mielczarek.org cmanchester@mozilla.com nfroyd@mozilla.com	Firefox Build System :: General	"Build peers should share responsibility for this (multiple peers should be informed of regressions)" (quote from Kim Moir)
sccache requests_no_cacheable summary	Yes	regression: 1412785 wontfixes: 1357718	Yes	Data points should still be generated, but alerts can be disabled.	ted@mielczarek.org	Firefox Build System :: General	"It's probably not very valuable to have sheriffing on this metric. It is useful to track, in that it can help us figure out what's going wrong if we do something that breaks sccache, but the value is normally very low, so I don't know that there's a reasonable way to state performance thresholds for it. For example, if the value is normally 20, I wouldn't be worried about it changing to 22 or probably even 25, but I would be worried about it changing to 3,000. However, if that happened I would expect build times to spike as well since we would no longer be using sccache effectively, so I think that alerting should be sufficient. I would be fine with removing alerts on this value, but I would like to continue reporting it to perfherder so that we can do manual diagnostics." (quote from Ted Mielczarek)
sccache hit rate summary	Yes	regressions: 1408836, 1411212, 1412785, 1411884	Yes	This test doesn't need any updates/modifications.	ted@mielczarek.org	Core :: Build Config	Validity of this test consists in that "it should not report for builds that do not use sccache".
AWSY							
JS summary	Yes	regressions: 1361792, 1424324, 1431007, 1383261, 1397622, 1431007 wontfixes: 1361808, 1405455, 1409981, 1415125 improvements: 1298018, 1381961, 1384935	Yes	"It would be nice to build up a new set of sites that use modern technology (webgl, asm, wasm, es6, css grid, etc). The tests themselves are probably fine." (quote from Eric Rahm)	erahm@mozilla.com	"Testing :: AWSY component for the harness. Memory regressions are generally filed against the components that regressed (so all of core, toolkit, firefox, etc)." (quote from Eric Rahm)	
Explicit Memory	Yes	regressions: 1361792, 1424324, 1431007, 1364488, 1422840 wontfixes: 1361808, 1405455, 1416765, 1415125, 1424325 improvements: 1157709, 1376895	Yes	Same as above.	erahm@mozilla.com	Same as above.	
Heap Unclassified	Yes	regressions: 1361792, 1368114, 1375470, 1397724, 1400245, 1419776, 1431007 wontfixes: 1405455, 1416765, 1416177, 1415125, 1373083, 1389024, 1416177, 1424324, 1424325 improvements: 1157709	Yes	Same as above.	erahm@mozilla.com	Same as above.	

Test name	Still relevant for Firefox?	Regressions in last 11 months Bugs [Total]	Valid on all the configs?	Config problems/Suggestions	Owners	Bugzilla component	Notes	
Images summary	Yes	regressions: 1431007, 1368114 wontfixes: 1415125, 1362395, 1395576	Yes	Same as above.	erahm@mozilla.com	Same as above.		
Resident Memory	Yes	regressions: 1371214, 1412791, 1397864, 1361792, 1424461, 1418296, 1364488,1431007 wontfixes: 1405455, 1395067, 1415125 improvements: 1400886, 1432598, 1157709	Yes	Same as above.	erahm@mozilla.com	Same as above.		
Microbench								
Strings *	Yes	regressions: 1429319, 1379578 wontfixes: 1415514, 1415465, 1387436, 1405327, 1387436 improvements: 1421100 (alert 11120), 1401647 (alert 11087), 1409265 (alert 10047), 1404714 (alert 9917), 1393230 (alert 9292), 1338651 (alert 9128)	Yes, but...	Their instability is very much expected. We cannot simply turn them off, but rather increase their threshold so that the alerts become more manageable.	milan@mozilla.com	Use component of the regressing bug.		
	We don't run these tests anymore / special cases							
remote-tsvg		1370583 [1]						
remote-tp4m		1370583 [1]						
V8, version 7								
tcanvasmark		1339135, 1349554, 1364007, 1387535, 1391741, 1401169 [6]						
tp5o Main_RSS		1339135, 1340873, 1361792, 1367746, 1391779, 1393739 [6]						
tp5o Private Bytes		1361792, 1361808, 1391779, 1405455 [4]						
bloom_basic_href		regressions (may include other alert types): 1358048, 1363104	now perf-reftest see line 9					