Main Process

WARNING: the following values are negative or unreasonably large.

 explicit/maildb

 explicit/(27 tiny)

 explicit/(27 tiny)/heap-unclassified

This indicates a defect in one or more memory reporters. The invalid values are highlighted.

Explicit Allocations

837.61 MB (100.0%) -- explicit

├──1,013.85 MB (121.04%) -- maildb [?!]

│ ├────828.32 MB (98.89%) ── database(imap://---removed----)

│ ├─────49.18 MB (05.87%) ── database(news://news.mozilla.org:119/mozilla.support.thunderbird)

│ ├─────47.78 MB (05.70%) ── database(imap:// ---removed----)

│ ├─────43.10 MB (05.15%) ── database(news://news.mozilla.org:119/mozilla.support.firefox)

│ ├─────34.67 MB (04.14%) ── database(imap:// ---removed----)

│ └─────10.80 MB (01.29%) ++ (7 tiny)

├──272.19 MB (32.50%) -- window-objects

│ ├──241.69 MB (28.85%) -- top(none)

│ │ ├──233.76 MB (27.91%) -- detached

│ │ │ ├──108.76 MB (12.98%) -- window(chrome://messenger/content/messengercompose/messengercompose.xul)

│ │ │ │ ├───53.87 MB (06.43%) -- dom

│ │ │ │ │ ├──48.75 MB (05.82%) ── element-nodes [36]

│ │ │ │ │ └───5.11 MB (00.61%) ++ (3 tiny)

│ │ │ │ ├───52.40 MB (06.26%) -- js-realm([System Principal], about:blank)

│ │ │ │ │ ├──32.81 MB (03.92%) -- classes

│ │ │ │ │ │ ├──24.05 MB (02.87%) -- class(Function)/objects

│ │ │ │ │ │ │ ├──23.57 MB (02.81%) ── gc-heap [36]

│ │ │ │ │ │ │ └───0.48 MB (00.06%) ── malloc-heap/slots [36]

│ │ │ │ │ │ └───8.76 MB (01.05%) ++ (7 tiny)

│ │ │ │ │ ├──16.79 MB (02.00%) -- scripts

│ │ │ │ │ │ ├──11.04 MB (01.32%) ── gc-heap [36]

│ │ │ │ │ │ └───5.74 MB (00.69%) ── malloc-heap/data [36]

│ │ │ │ │ └───2.81 MB (00.34%) ++ (4 tiny)

│ │ │ │ └────2.49 MB (00.30%) ++ (3 tiny)

│ │ │ ├───54.45 MB (06.50%) -- window(chrome://messenger/content/messageWindow.xul)

│ │ │ │ ├──27.64 MB (03.30%) -- js-realm([System Principal], about:blank)

│ │ │ │ │ ├──17.20 MB (02.05%) -- classes

│ │ │ │ │ │ ├──13.33 MB (01.59%) -- class(Function)/objects

│ │ │ │ │ │ │ ├──13.07 MB (01.56%) ── gc-heap [20]

│ │ │ │ │ │ │ └───0.26 MB (00.03%) ── malloc-heap/slots [20]

│ │ │ │ │ │ └───3.87 MB (00.46%) ++ (6 tiny)

│ │ │ │ │ ├───8.91 MB (01.06%) ++ scripts

│ │ │ │ │ └───1.53 MB (00.18%) ++ (4 tiny)

│ │ │ │ ├──24.79 MB (02.96%) -- dom

│ │ │ │ │ ├──21.03 MB (02.51%) ── element-nodes [20]

│ │ │ │ │ └───3.77 MB (00.45%) ++ (3 tiny)

│ │ │ │ └───2.01 MB (00.24%) ++ (3 tiny)

│ │ │ ├───42.42 MB (05.06%) -- window(chrome://lightning/content/lightning-item-iframe.xul)

│ │ │ │ ├──26.51 MB (03.17%) -- dom

│ │ │ │ │ ├──18.51 MB (02.21%) ── element-nodes [11]

│ │ │ │ │ └───8.00 MB (00.96%) ++ (3 tiny)

│ │ │ │ ├──15.04 MB (01.80%) -- js-realm([System Principal], about:blank)

│ │ │ │ │ ├──11.00 MB (01.31%) ++ classes

│ │ │ │ │ └───4.04 MB (00.48%) ++ (5 tiny)

│ │ │ │ └───0.87 MB (00.10%) ++ (3 tiny)

│ │ │ ├───17.05 MB (02.04%) -- window(chrome://messenger/content/SearchDialog.xul)

│ │ │ │ ├──11.96 MB (01.43%) ++ js-realm([System Principal], about:blank)

│ │ │ │ └───5.09 MB (00.61%) ++ (4 tiny)

│ │ │ └───11.08 MB (01.32%) -- window(chrome://calendar/content/calendar-event-dialog.xul)

│ │ │ ├───8.85 MB (01.06%) ++ js-realm([System Principal], about:blank)

│ │ │ └───2.23 MB (00.27%) ++ (4 tiny)

│ │ └────7.93 MB (00.95%) ++ ghost/window(about:blank)

│ ├───24.31 MB (02.90%) -- top(chrome://messenger/content/messenger.xul, id=3)/active

│ │ ├──20.14 MB (02.40%) -- window(chrome://messenger/content/messenger.xul)

│ │ │ ├──10.98 MB (01.31%) ++ layout

│ │ │ └───9.16 MB (01.09%) ++ (4 tiny)

│ │ └───4.17 MB (00.50%) ++ (2 tiny)

│ └────6.19 MB (00.74%) ++ (8 tiny)

├──147.57 MB (17.62%) -- js-non-window

│ ├──123.38 MB (14.73%) -- zones

│ │ ├──114.56 MB (13.68%) -- zone(0xd1f4000)

│ │ │ ├───33.59 MB (04.01%) -- shapes

│ │ │ │ ├──30.90 MB (03.69%) -- gc-heap

│ │ │ │ │ ├──19.09 MB (02.28%) ── tree

│ │ │ │ │ ├──10.68 MB (01.27%) ── dict

│ │ │ │ │ └───1.13 MB (00.13%) ── base

│ │ │ │ └───2.69 MB (00.32%) ++ malloc-heap

│ │ │ ├───26.25 MB (03.13%) -- scopes

│ │ │ │ ├──14.84 MB (01.77%) ── malloc-heap

│ │ │ │ └──11.41 MB (01.36%) ── gc-heap

│ │ │ ├───15.95 MB (01.90%) ++ (19 tiny)

│ │ │ ├───15.26 MB (01.82%) -- realm([System Principal], shared JSM global)

│ │ │ │ ├──10.71 MB (01.28%) ++ classes

│ │ │ │ └───4.55 MB (00.54%) ++ (6 tiny)

│ │ │ ├───12.35 MB (01.47%) -- object-groups

│ │ │ │ ├──12.26 MB (01.46%) ── gc-heap

│ │ │ │ └───0.09 MB (00.01%) ── malloc-heap

│ │ │ └───11.16 MB (01.33%) ── type-pool

│ │ └────8.82 MB (01.05%) ++ (38 tiny)

│ ├───20.29 MB (02.42%) -- runtime

│ │ ├──11.32 MB (01.35%) ── script-data

│ │ └───8.97 MB (01.07%) ++ (14 tiny)

│ └────3.89 MB (00.46%) ++ (3 tiny)

├───25.76 MB (03.08%) -- storage

│ ├──25.76 MB (03.08%) -- sqlite

│ │ ├──13.58 MB (01.62%) -- global-messages-db.sqlite

│ │ │ ├──13.42 MB (01.60%) ── cache-used

│ │ │ └───0.16 MB (00.02%) ++ (2 tiny)

│ │ └──12.18 MB (01.45%) ++ (9 tiny)

│ └───0.00 MB (00.00%) ++ prefix-set

├───23.05 MB (02.75%) -- heap-overhead

│ ├──12.63 MB (01.51%) ── bin-unused

│ ├───8.90 MB (01.06%) ── bookkeeping

│ └───1.52 MB (00.18%) ── page-cache

├───11.37 MB (01.36%) ++ xpconnect

└──-656.17 MB (-78.34%) -- (27 tiny) [?!]

 ├─────6.41 MB (00.77%) ++ startup-cache

 ├─────6.24 MB (00.75%) ++ images

 ├─────3.82 MB (00.46%) ── spell-check

 ├─────2.95 MB (00.35%) ++ dom

 ├─────2.24 MB (00.27%) ++ network

 ├─────2.08 MB (00.25%) ++ gfx

 ├─────1.98 MB (00.24%) ++ atoms

 ├─────1.88 MB (00.22%) ++ cycle-collector

 ├─────1.68 MB (00.20%) ── icu

 ├─────1.57 MB (00.19%) ++ layout

 ├─────1.50 MB (00.18%) ++ workers/workers(chrome)/worker(resource://gre/modules/osfile/osfile\_async\_worker.js, 0x184b0800)

 ├─────1.29 MB (00.15%) ++ threads/overhead

 ├─────0.64 MB (00.08%) ++ preferences

 ├─────0.55 MB (00.07%) ++ xul-prototype-cache

 ├─────0.49 MB (00.06%) ++ telemetry

 ├─────0.47 MB (00.06%) ++ url-preloader

 ├─────0.36 MB (00.04%) ++ string-bundles

 ├─────0.28 MB (00.03%) ── cookie-service

 ├─────0.12 MB (00.01%) ── skia-font-cache

 ├─────0.11 MB (00.01%) ++ script-preloader

 ├─────0.07 MB (00.01%) ++ xpcom

 ├─────0.02 MB (00.00%) ── memory-reporter-manager

 ├─────0.01 MB (00.00%) ++ data-storage

 ├─────0.01 MB (00.00%) ── history-links-hashtable

 ├─────0.01 MB (00.00%) ── profiler/profiler-state

 ├─────0.00 MB (00.00%) ── media/libogg

 └──-692.95 MB (-82.73%) ── heap-unclassified [?!]

Other Measurements

8,388,607.94 MB (100.0%) -- address-space

├──8,384,490.66 MB (99.95%) ── free(segments=696)

└──────4,117.28 MB (00.05%) ++ (2 tiny)

1.91 MB (100.0%) -- decommitted

├──1.46 MB (76.43%) ── js-non-window/gc-heap/decommitted-arenas

└──0.45 MB (23.57%) ── workers/workers(chrome)/worker(resource://gre/modules/osfile/osfile\_async\_worker.js, 0x184b0800)/gc-heap/decommitted-arenas

143,536 (100.0%) -- event-counts

└──143,536 (100.0%) -- window-objects

 ├──134,907 (93.99%) -- top(none)

 │ ├──134,871 (93.96%) -- detached

 │ │ ├───79,577 (55.44%) ── window(chrome://messenger/content/messengercompose/messengercompose.xul)/dom/event-listeners [36]

 │ │ ├───28,661 (19.97%) ── window(chrome://messenger/content/messageWindow.xul)/dom/event-listeners [20]

 │ │ ├───19,307 (13.45%) ── window(chrome://lightning/content/lightning-item-iframe.xul)/dom/event-listeners [11]

 │ │ ├────6,094 (04.25%) ── window(chrome://messenger/content/SearchDialog.xul)/dom/event-listeners [12]

 │ │ └────1,232 (00.86%) ── window(chrome://calendar/content/calendar-event-dialog.xul)/dom/event-listeners [11]

 │ └───────36 (00.03%) ── ghost/window(about:blank)/dom/event-listeners [36]

 ├────8,464 (05.90%) -- top(chrome://messenger/content/messenger.xul, id=3)/active

 │ ├──8,216 (05.72%) -- window(chrome://messenger/content/messenger.xul)/dom

 │ │ ├──8,119 (05.66%) ── event-listeners

 │ │ └─────97 (00.07%) ── event-targets

 │ └────248 (00.17%) ++ (2 tiny)

 └──────165 (00.11%) ++ (8 tiny)

10 (100.0%) -- extensions

├───1 (10.00%) ── Extension(id={a62ef8ec-5fdc-40c2-873c-223b8a6925cc}, name="Provider for Google Calendar", baseURL=moz-extension://ec258cea-86bf-4964-8867-c944cfa90706/)

├───1 (10.00%) ── Extension(id={e2fda1a4-762b-4020-b5ad-a41df1933103}, name="Lightning", baseURL=moz-extension://d4fac905-579e-4b9b-bfb2-23d007be4994/)

├───1 (10.00%) ── Extension(id=amazondotcom@search.mozilla.org, name="Amazon.com", baseURL=moz-extension://36b8ae7b-4587-4ae6-a8e9-7123e99a52ef/)

├───1 (10.00%) ── Extension(id=bing@search.mozilla.org, name="Bing", baseURL=moz-extension://a453ffd8-620f-4651-b485-7da6a2db7f5a/)

├───1 (10.00%) ── Extension(id=ddg@search.mozilla.org, name="DuckDuckGo", baseURL=moz-extension://2a30484e-ba7f-41ac-ac39-26414d3595c0/)

├───1 (10.00%) ── Extension(id=default-theme@mozilla.org, name="Default", baseURL=moz-extension://fcb322ec-b12d-4f0f-ad9d-807ad9965a8c/)

├───1 (10.00%) ── Extension(id=google@search.mozilla.org, name="Google", baseURL=moz-extension://c1726231-753c-480c-87e0-9bd0c9bfe771/)

├───1 (10.00%) ── Extension(id=twitter@search.mozilla.org, name="Twitter", baseURL=moz-extension://f53323f0-652f-4f89-8ba7-4b95636b06df/)

├───1 (10.00%) ── Extension(id=wetransfer@extensions.thunderbird.net, name="FileLink for WeTransfer", baseURL=moz-extension://b88bf9fa-b8db-4836-a365-5ca3d5b7f77e/)

└───1 (10.00%) ── Extension(id=wikipedia@search.mozilla.org, name="Wikipedia (en)", baseURL=moz-extension://00d75e67-56f6-45ef-9631-417551e57184/)

36 (100.0%) -- ghost-windows

└──36 (100.0%) ── about:blank [36]

641.58 MB (100.0%) -- heap-committed

├──618.53 MB (96.41%) ── allocated

└───23.05 MB (03.59%) ── overhead

6.24 MB (100.0%) -- images

├──5.06 MB (81.02%) -- chrome

│ ├──4.92 MB (78.79%) -- vector/used

│ │ ├──4.90 MB (78.58%) ── source

│ │ └──0.01 MB (00.21%) ── decoded-heap

│ └──0.14 MB (02.23%) -- raster/used

│ ├──0.07 MB (01.16%) ── source

│ └──0.07 MB (01.07%) ── decoded-heap

├──0.68 MB (10.83%) -- content

│ ├──0.60 MB (09.61%) -- raster/used

│ │ ├──0.60 MB (09.58%) ── source

│ │ └──0.00 MB (00.03%) ── decoded-heap

│ └──0.08 MB (01.22%) ── vector/used/source

└──0.51 MB (08.15%) -- uncached

 ├──0.31 MB (04.97%) -- raster/used

 │ ├──0.26 MB (04.20%) ── source

 │ └──0.05 MB (00.77%) ── decoded-heap

 └──0.20 MB (03.18%) -- vector/used

 ├──0.20 MB (03.17%) ── source

 └──0.00 MB (00.01%) ── decoded-heap

4 (100.0%) -- js-helper-threads

├──4 (100.0%) ── idle

└──0 (00.00%) ── active

276.51 MB (100.0%) -- js-main-runtime

├──144.15 MB (52.13%) -- realms

│ ├───94.66 MB (34.23%) -- classes/objects

│ │ ├──85.44 MB (30.90%) ── gc-heap

│ │ └───9.22 MB (03.33%) -- malloc-heap

│ │ ├──8.62 MB (03.12%) ── slots

│ │ └──0.59 MB (00.21%) ++ (2 tiny)

│ ├───41.15 MB (14.88%) -- scripts

│ │ ├──26.59 MB (09.62%) ── gc-heap

│ │ └──14.56 MB (05.27%) ── malloc-heap/data

│ ├────4.17 MB (01.51%) ── script-counts-map

│ └────4.17 MB (01.51%) ++ (7 tiny)

├──108.19 MB (39.13%) -- zones

│ ├───36.21 MB (13.09%) -- shapes

│ │ ├──33.50 MB (12.11%) -- gc-heap

│ │ │ ├──21.53 MB (07.79%) ── tree

│ │ │ ├──10.74 MB (03.89%) ── dict

│ │ │ └───1.22 MB (00.44%) ── base

│ │ └───2.71 MB (00.98%) ++ malloc-heap

│ ├───26.31 MB (09.51%) -- scopes

│ │ ├──14.88 MB (05.38%) ── malloc-heap

│ │ └──11.43 MB (04.13%) ── gc-heap

│ ├───12.45 MB (04.50%) -- object-groups

│ │ ├──12.36 MB (04.47%) ── gc-heap

│ │ └───0.09 MB (00.03%) ── malloc-heap

│ ├───12.22 MB (04.42%) ── type-pool

│ ├────8.95 MB (03.24%) -- strings

│ │ ├──4.75 MB (01.72%) -- gc-heap

│ │ │ ├──4.16 MB (01.50%) ── latin1

│ │ │ └──0.59 MB (00.22%) ── two-byte

│ │ └──4.20 MB (01.52%) -- malloc-heap

│ │ ├──3.08 MB (01.11%) ── latin1

│ │ └──1.12 MB (00.40%) ── two-byte

│ ├────5.54 MB (02.00%) ++ (10 tiny)

│ ├────3.52 MB (01.27%) ── gc-heap-arena-admin

│ └────2.99 MB (01.08%) ── unused-gc-things

├───20.29 MB (07.34%) ── runtime

└────3.89 MB (01.41%) -- gc-heap

 ├──2.89 MB (01.05%) ── chunk-admin

 └──1.00 MB (00.36%) ++ (2 tiny)

184.54 MB (100.0%) -- js-main-runtime-gc-heap-committed

├──180.55 MB (97.84%) -- used

│ ├──174.14 MB (94.36%) -- gc-things

│ │ ├───85.44 MB (46.30%) ── objects

│ │ ├───32.28 MB (17.49%) ── shapes

│ │ ├───26.59 MB (14.41%) ── scripts

│ │ ├───12.36 MB (06.70%) ── object-groups

│ │ ├───11.43 MB (06.19%) ── scopes

│ │ ├────4.75 MB (02.58%) ── strings

│ │ └────1.29 MB (00.70%) ++ (5 tiny)

│ ├────3.52 MB (01.91%) ── arena-admin

│ └────2.89 MB (01.57%) ── chunk-admin

└────3.99 MB (02.16%) -- unused

 ├──2.99 MB (01.62%) ++ gc-things

 └──1.00 MB (00.54%) ++ (2 tiny)

154 (100.0%) -- js-main-runtime-realms

├──111 (72.08%) -- system

│ ├───96 (62.34%) ── [System Principal], about:blank [96]

│ ├───10 (06.49%) ++ (10 tiny)

│ └────5 (03.25%) ── [System Principal], chrome://messenger/content/msgAccountCentral.xul [5]

└───43 (27.92%) ++ user

0 (100.0%) -- low-memory-events

├──0 (100.0%) ── commit-space

├──0 (100.0%) ── physical

└──0 (100.0%) ── virtual

114 (100.0%) -- message-manager

└──114 (100.0%) -- referent

 ├───84 (73.68%) -- global-manager

 │ ├──84 (73.68%) ── strong

 │ └───0 (00.00%) ++ weak

 ├───22 (19.30%) -- parent-process-manager

 │ ├──22 (19.30%) ── strong

 │ └───0 (00.00%) ++ weak

 └────8 (07.02%) -- child-process-manager

 ├──8 (07.02%) ── strong

 └──0 (00.00%) ++ weak

2,638 (100.0%) -- observer-service

└──2,638 (100.0%) -- referent

 ├──1,991 (75.47%) ── strong

 └────647 (24.53%) -- weak

 ├──647 (24.53%) ── alive

 └────0 (00.00%) ── dead

2,002 (100.0%) -- observer-service-suspect

├────823 (41.11%) ── referent(topic=memory-pressure)

├────507 (25.32%) ── referent(topic=xpcom-shutdown)

├────143 (07.14%) ── referent(topic=perm-changed)

├────138 (06.89%) ── referent(topic=quit-application)

├────135 (06.74%) ── referent(topic=wake\_notification)

├────128 (06.39%) ── referent(topic=font-info-updated)

└────128 (06.39%) ── referent(topic=sessionstore-one-or-no-tab-restored)

533 (100.0%) -- preference-service

└──533 (100.0%) -- referent

 ├──372 (69.79%) -- weak

 │ ├──233 (43.71%) ── alive

 │ └──139 (26.08%) ── dead

 └──161 (30.21%) ── strong

0.13 MB (100.0%) -- shared-string-bundles

├──0.05 MB (38.80%) ── SharedStringBundle(url="chrome://global/locale/dom/dom.properties", shared=true, refCount=2, sharedMemorySize=54070)

├──0.02 MB (16.24%) ── SharedStringBundle(url="chrome://global/locale/css.properties", shared=true, refCount=2, sharedMemorySize=22640)

├──0.02 MB (15.44%) ── SharedStringBundle(url="chrome://global/locale/layout/htmlparser.properties", shared=true, refCount=2, sharedMemorySize=21518)

├──0.02 MB (13.58%) ── SharedStringBundle(url="chrome://global/locale/security/security.properties", shared=true, refCount=2, sharedMemorySize=18924)

├──0.01 MB (03.83%) ── SharedStringBundle(url="chrome://global/locale/layout\_errors.properties", shared=true, refCount=2, sharedMemorySize=5334)

├──0.00 MB (03.41%) ── SharedStringBundle(url="chrome://necko/locale/necko.properties", shared=true, refCount=2, sharedMemorySize=4748)

├──0.00 MB (01.97%) ── SharedStringBundle(url="chrome://global/locale/printing.properties", shared=true, refCount=2, sharedMemorySize=2748)

├──0.00 MB (01.62%) ── SharedStringBundle(url="chrome://global/locale/layout/HtmlForm.properties", shared=true, refCount=2, sharedMemorySize=2252)

├──0.00 MB (01.37%) ── SharedStringBundle(url="chrome://global/locale/commonDialogs.properties", shared=true, refCount=3, sharedMemorySize=1910)

├──0.00 MB (01.35%) ++ (4 tiny)

├──0.00 MB (01.27%) ── SharedStringBundle(url="chrome://global/locale/mathml/mathml.properties", shared=true, refCount=2, sharedMemorySize=1772)

└──0.00 MB (01.12%) ── SharedStringBundle(url="chrome://global/locale/xbl.properties", shared=true, refCount=2, sharedMemorySize=1566)

143.12 MB (100.0%) -- window-objects

├──121.01 MB (84.55%) -- dom

│ ├──101.28 MB (70.77%) ── element-nodes

│ ├────9.96 MB (06.96%) ── orphan-nodes

│ ├────7.74 MB (05.41%) ── other

│ ├────2.02 MB (01.41%) ── text-nodes

│ └────0.01 MB (00.01%) ++ (4 tiny)

├───21.86 MB (15.27%) -- layout

│ ├───6.86 MB (04.79%) ── style-sets

│ ├───5.20 MB (03.63%) ── frames

│ ├───3.42 MB (02.39%) ── style-structs

│ ├───2.57 MB (01.79%) ── style-sheets

│ ├───2.16 MB (01.51%) ++ (8 tiny)

│ └───1.65 MB (01.15%) ── line-boxes

└────0.25 MB (00.18%) ── property-tables

 28.28 MB ── d3d11-shared-textures

 0.00 MB ── gfx-d2d-vram-draw-target

 0.00 MB ── gfx-d2d-vram-source-surface

 0.02 MB ── gfx-surface-win32

 0.00 MB ── gfx-textures

 0.00 MB ── gfx-textures-peak

 0.00 MB ── gfx-tiles-waste

 36 ── ghost-windows

 124.25 MB ── gpu-committed

 5.86 MB ── gpu-dedicated

 104.54 MB ── gpu-shared

 618.53 MB ── heap-allocated

 1.00 MB ── heap-chunksize

 723.00 MB ── heap-mapped

 0.47 MB ── imagelib-surface-cache-estimated-locked

 0.47 MB ── imagelib-surface-cache-estimated-total

 0 ── imagelib-surface-cache-overflow-count

 2.56 MB ── js-main-runtime-temporary-peak

 0.00 MB ── mlgpu-constant-buffers

 7.75 MB ── mlgpu-render-targets

 0.00 MB ── mlgpu-vertex-buffers

 1,127.35 MB ── private

 1,151.37 MB ── resident

 1,116.80 MB ── resident-unique

 104.74 MB ── system-heap-allocated

 0 ── unresolved-ipc-responses

 4,100.60 MB ── vsize

4,201,877.19 MB ── vsize-max-contiguous

 0.00 MB ── wasm-runtime