

#8 0x7ffab548dde1 in dom_distiller::DistillerImpl::RunDistillerCallbackIfDone(void) F\ChromimIsrc\components\dom_distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\core\distiller\distiller\core\distiller\distiller\core\distiller\distill

F:\Chromim\src\components\dom_distiller\core\distiller.cc:292:3

#11 0x7ffab548fe21 in base::internal::FunctorTraits<void (dom_distiller::DistillerImpl::*)(int. const GURL &

```
1::unique ptr<dom distiller::proto::DomDistillerResult,std:: 1::default delete<dom distiller::proto::DomDistillerResult> >, bool),void>::Invoke
F:\Chromim\src\base\bind internal.h:509
   #12 0x7ffab548fe21 in base::internal::InvokeHelper<1,void>::MakeItSo F:\Chromim\src\base\bind internal.h:668
   #13 0x7ffab548fe21 in base::internal::Invoker<br/>base::internal::BindState<void (dom_distiller::DistillerImpl::*)(int, const GURL &,
       _1::unique_ptr<dom_distiller::proto::DomDistillerResult,std::__1::default_delete<dom_distiller::proto::DomDistillerResult>>,
bool),base::WeakPtr<dom distiller::DistillerImpl>,int,GURL>,void
(std::__1::unique_ptr<dom_distiller::proto::DomDistillerResult,std::__1::default_delete<dom_distiller::proto::DomDistillerResult>>, bool)>::RunImpl
F:\Chromim\src\base\bind_internal.h:721
  #14 0x7ffab548fe21 in base::internal::Invoker<struct base::internal::BindState<void (__cdecl dom__distiller::Distiller::DistillerImpl::*)(int, class GURL const &, class
#14 Ox habbonize: in lose...imidae:..mivoer-stude base:...void called the deleter of the deleter
std:: 1::default delete<class dom distiller::proto::DomDistillerResult>>, bool)>::Run(class base::internal::BindStateBase *, class std:: 1::unique ptr<class
dom_distiller::proto::DomDistillerResult, struct std::__1::default_delete<class dom_distiller::proto::DomDistillerResult> &&, bool) F:\Chromim\src\base\bind_internal.h:703:12
  #15 0x7ffab549819a in base::OnceCallback<(class std::__1::unique_ptr<class dom_distiller::proto::DomDistillerResult, struct std::__1::default_delete<class
dom_distiller::proto::DomDistillerResult>>, bool)>::Run(class std::__1::unique_ptr<class dom_distiller::proto::DomDistillerResult, struct std::__1::default_delete<class
dom_distiller::proto::DomDistillerResult>>, bool) && F:\Chromim\src\base\callback.h:101:12
  #16 0x7ffab5497ff5 in base::internal::FunctorTraits<br/>base::OnceCallback<void
(std::__1::unique_ptr<dom_distiller::proto::DomDistillerResult,std::__1::default_delete<dom_distiller::proto::DomDistillerResult>>, bool)>,void>::Invoke
F:\Chromim\src\base\bind_internal.h:608
   #17 0x7ffab5497ff5 in base::internal::InvokeHelper<0,void>::MakeItSo F:\Chromim\src\base\bind_internal.h:648
   \verb|#18 0x7ffab5497ff5| in base::internal::Invoker < base::internal::BindState < base::OnceCallback < void | Figure | F
(std::__1::unique_ptr<dom_distiller::proto::DomDistillerResult,std::__1::default_delete<dom_distiller::proto::DomDistillerResult>>,
bool>,std::_1::unique_ptr<dom_distiller::proto::DomDistillerResult> >,bool>,void ()>::Runimpl
F:\Chromim\src\base\bind internal.h:721
  #19.0x7ffab5497ff5 in base::internal::Invoker<struct base::internal::BindState<class base::OnceCallback<(class std:: 1::unique ptr<class
dom_distiller::proto::DomDistillerResult, struct std::__1::default_delete<class dom_distiller::proto::DomDistillerResult>, bool}, class std::__1::unique_ptr<class dom_distiller::proto::DomDistillerResult>, bool}, class std::__1::unique_ptr<class dom_distiller::proto::DomDistillerResult>, bool}, (void)>::RunOnce(class dom_distiller::proto::DomDistillerResult>, bool})
base::internal::BindStateBase *) F:\Chromim\src\base\bind internal.h:690:12
   #20 0x7ffaabe99e4a in base::OnceCallback<void ()>::Run F:\Chromim\src\base\callback.h:102
    #21 0x7ffaabe99e4a in base::TaskAnnotator::RunTask(char const *, struct base::PendingTask *) F:\Chromim\src\base\task\common\task_annotator.cc:173:33
   #22 0x7ffaae611794 in base::sequence manager::internal::ThreadControllerWithMessagePumpImpl::DoWorkImpl(class base::sequence manager::LazyNow*)
F:\Chromim\src\base\task\sequence_manager\thread_controller_with_message_pump_impl.cc:351:25
  \#23\ 0x7ffaae 610e 19\ in\ base:: sequence\_manager:: internal:: Thread Controller With Message PumpImpl:: Do Work (void)
F:\Chromim\src\base\task\sequence_manager\thread_controller_with_message_pump_impl.cc:264:36
  #24 0x7ffaabf4c230 in base::MessagePumpForUI::DoRunLoop(void) F:\Chromim\src\base\message_loop\message_pump_win.cc:220:67
   #25 0x7ffaabf4a3ef in base::MessagePumpWin::Run(class base::MessagePump::Delegate *) F:\Chromim\src\base\message_loop\message_pump_win.cc:78:3
  #26 0x7ffaae612e70 in base::sequence_manager::internal::ThreadControllerWithMessagePumpImpl::Run(bool, class base::TimeDelta)
F:\Chromim\src\base\task\sequence_manager\thread_controller_with_message_pump_impl.cc:460:12
   #27 0x7ffaabe20a03 in base::RunLoop::Run(class base::Location const &) F:\Chromim\src\base\run_loop.cc:133:14
   #28 0x7ffaa55b123f in content::BrowserMainLoop::RunMainMessageLoop(void) F:\Chromim\src\content\browser\browser main loop.cc:993:20
  #29 0x7ffaa55b681b in content::BrowserMainRunnerImpl::Run(void) F:\Chromim\src\content\browser\browser main runner impl.cc:152:15
   #30 0x7ffaa55aa8ea in content::BrowserMain(struct content::MainFunctionParams const &) F:\Chromim\src\content\browser\browser_main.cc:47:28
  #31 0x7ffaabbb1608 in content::RunBrowserProcessMain(struct content::MainFunctionParams const & class content::ContentMainDelegate *)
F:\Chromim\src\content\app\content main runner impl.cc:598:10
   #32 0x7ffaabbb3fa5 in content::ContentMainRunnerImpl::RunBrowser(struct content::MainFunctionParams &, bool)
F:\Chromim\src\content\app\content_main_runner_impl.cc:1081:10 #33 0x7ffaabbb3171 in content::ContentMainRunnerImpl::Run(bool) F:\Chromim\src\content\app\content_main_runner_impl.cc:956:12
   #34 0x7ffaabbb041e in content::RunContentProcess(struct content::ContentMainParams const &, class content::ContentMainRunner *)
F:\Chromim\src\content\app\content_main.cc:372:36
  #35 0x7ffaabbb0a08 in content;:ContentMain(struct content):ContentMain(Params const &) F:\Chromim\src\content\app\content main.cc:398:10
   #36 0x7ffaa1b6145a in ChromeMain F:\Chromim\src\chrome\app\chrome_main.cc:151:12
  #37 0x7ff7a8345bed in MainDIILoader::Launch(struct HINSTANCE_*, class base::TimeTicks) F:\Chromim\src\chrome\app\main_dll_loader_win.cc:169:12
  #38\ 0x7ff7a8342c47\ in\ main\ F:\ Chromim\src\chrome\ app\ chrome\_exe\_main\_win.cc:369:20 #39\ 0x7ff7a873067f\ in\ invoke\_main\ D:\ 0x1\ work\ 126\ sisrc\ vctools\ crt\ vcstartup\ src\ istartup\ lexe\_common.in\ 1:78
   #41 0x7ffb3cfc7033 (C:\WINDOWS\Svstem32\KERNEL32.DLL+0x180017033)
  #42 0x7ffb3efa2650 (C:\WINDOWS\SYSTEM32\ntdll.dll+0x180052650)
0x11f8f69f2ad8 is located 8 bytes inside of 16-byte region [0x11f8f69f2ad0,0x11f8f69f2ae0)
allocated by thread T0 here:
   \#0\ 0x7ff7a83e3ffb\ in\ malloc\ C:\b\s\wir\cache\builder\src\third\_party\llvm\compiler-rt\lib\asan\asan\_malloc\_win.cpp:98
  #1 0x7ffabe2218be in operator new(unsigned __int64) D:\a01\_work\26\s\src\vctools\crt\vcstartup\src\heap\new_scalar.cpp:35 #2 0x7ffabed7200b in std::__1::_libcpp_operator_new F:\Chromim\src\buildtools\third_party\libc++\trunk\include\new:235
  #3 0x7ffab6d7200b in std::__1::_libcpp_allocate F:\Chromim\src\buildtools\third_party\libc++\trunk\include\new:261
  \#4.0x7 \\ flab 6d7200b in std::\_1::allocator < dom\_distiller::ViewRequestDelegate *>::allocate F:\Chromim\src\buildtools\third\_party\libc++\trunk\linclude\themory:778
   #5 0x7ffab6d7200b in std::__1::allocator_traits<std::__1::allocator<dom_distiller::ViewRequestDelegate *> >::allocate
F:\Chromim\src\buildtools\third_party\libc++\trunk\include\__memory\allocator_traits.h:260
  #6 0x7ffab6d7200b in std::__1::_split_buffer<dom_distiller::ViewRequestDelegate *, std::__1::allocator<dom_distiller::ViewRequestDelegate *> &>::_split_buffer
F:\Chromim\src\buildtools\third_party\libc++\trunk\include\ split buffer:315
  #7 0x7ffab6d7200b in std::__1::vector<class dom_distiller::ViewRequestDelegate *, class std::__1::allocator<class dom_distiller::ViewRequestDelegate
        _push_back_slow_path<class dom_distiller::ViewRequestDelegate *const &>(class dom_distiller::ViewRequestDelegate *const &)
F:\Chromim\src\buildtools\third_party\libc++\trunk\include\vector:1624:49
  #8 0x7ffab6d6fd2d in std:: 1::vector<dom_distiller::ViewRequestDelegate *,std:: 1::allocator<dom_distiller::ViewRequestDelegate *>>::push_back
F:\Chromim\src\buildtools\third_party\libc++\trunk\include\vector:1641
  #9 0x7ffab6d6fd2d in dom_distiller::TaskTracker::AddViewer(class dom_distiller::ViewRequestDelegate *)
F:\Chromim\src\components\dom_distiller\core\task_tracker.cc:90:12
  #10 0x7ffab547051f in dom_distiller::DomDistiller::DomDistiller::DomDistiller::DomDistiller::DomDistiller::DistillerPage,
struct std::__1::default_delete<class dom_distiller::DistillerPage>>, class GURL const &) F:\Chromim\src\components\dom_distiller\core\dom_distiller\core\dom_distiller\core\dom_distiller.:LazyDomDistillerService::ViewUrl(class dom_distiller::\text{ViewRequestDelegate *, class std::__1:unique_ptr<class}
dom_distiller::DistillerPage, struct std::__1::default_delete<class dom_distiller::DistillerPage>>, class GURL const &)
F:\Chromim\src\chromel\browser\dom_distiller\lazy_dom_distiller_service.cc:40:21
#12 0x7ffab8eedec6 in dom_distiller::viewer::CreateViewRequest(class dom_distiller::DomDistillerServiceInterface *, class GURL const &, class
dom_distiller::ViewRequestDelegate *, class gfx::Size const &) F:\Chromim\src\components\dom_distiller\core\viewer.cc:327:35
  #13 0x7ffab60da3d4 in dom_distiller::DomDistillerViewerSource::StartDataRequest(class GURL const &, class base::RepeatingCallback<(void)> const &, class
base::OnceCallback<(class scoped refptr<class base::RefCountedMemory>)>)
F:\Chromim\src\components\dom_distiller\content\browser\dom_distiller_viewer_source.cc:255:49
  #14 0x7ffaa654b86d in content::anonymous namespace'::StartURLLoader F:\Chromim\src\content\browser\webui\web_ui_url_loader_factory.cc:204:21 #15 0x7ffaa654a07c in content::anonymous namespace'::WebUIURLLoaderFactory::CreateLoaderAndStart
F:\Chromim\src\content\browser\webui\web_ui_url_loader_factory.cc:300:5
#16 0x7ffaa36df8fb in network::mojom::URLLoaderFactoryStubDispatch::Accept(class network::mojom::URLLoaderFactory*, class mojo::Message*)
F:\Chromim\src\out\release x64\gen\services\network\public\mojom\url loader factory.mojom.cc:237:13
  #17 0x7ffaac2faa61 in mojo::InterfaceEndpointClient::HandleValidatedMessage(class mojo::Message *)
F:\Chromim\src\mojo\public\cpp\bindings\lib\interface_endpoint_client.cc:849:54
  #18 0x7ffaaea5bc71 in mojo::MessageDispatcher::Accept(class mojo::Message *) F:\Chromim\src\mojo\public\cpp\bindings\lib\message dispatcher.cc:48:24
  #19 0x7ffaac310844 in mojo::internal::MultiplexRouter::ProcessIncomingMessage(class mojo::internal::MultiplexRouter::MessageWrapper *, enum
mojo::internal::MultiplexRouter::ClientCallBehavior, class base::SequencedTaskRunner *) F:\Chromim\src\mojo\public\cpp\bindings\lib\multiplex_router.cc:1023:42
  #20 0x7ffaac30f8d8 in mojo::internal::MultiplexRouter::Accept(class mojo::Message *) F:\Chromim\src\mojo\public\cpp\bindings\lib\multiplex_router.cc:690:7
   #21 0x7ffaaea5bd5e in mojo::MessageDispatcher::Accept(class mojo::Message *) F:\Chromim\src\mojo\public\cpp\bindings\lib\message_dispatcher.cc:43:19
   #22 0x7ffaac2f5631 in mojo::Connector::DispatchMessageW(class mojo::Message) F:\Chromim\src\mojo\public\cpp\bindings\lib\connector.cc:522:49
  #23 0x7ffaac2f6daa in mojo::Connector::ReadAllAvailableMessages(void) F:\Chromim\src\mojo\public\cpp\bindings\lib\connector.cc:580:14
  #24 0x7ffaac3450fe in base::RepeatingCallback<void (unsigned int, const mojo::HandleSignalsState &)>::Run F\Chromim\src\base\callback.h:169
   #25 0x7ffaac3450fe in mojo::SimpleWatcher::OnHandleReady(int, unsigned int, struct mojo::HandleSignalsState const &)
F:\Chromim\src\mojo\public\cpp\system\simple_watcher.cc:278:14
```

```
#28 0x7ffaae611794 in base::sequence_manager::internal::ThreadControllerWithMessagePumpImpl::DoWorkImpl(class base::sequence_manager::LazyNow*)
F:\Chromim\src\base\task\sequence_manager\thread_controller_with_message_pump_impl.cc:351:25
  \#29\ 0x7ffaae 610e19\ in\ base:: sequence\_manager:: internal:: Thread Controller With Message PumpImpl:: Do Work (void)
F:\Chromim\src\base\task\sequence manager\thread controller with message pump impl.cc:264:36
  #30 0x7ffaabf4c230 in base::MessagePumpForUI::DoRunLoop(void) F:\Chromim\src\base\message_loop\message_pump_win.cc:220:67
  #31 0x7ffaabf4a3ef in base::MessagePumpWin::Run(class base::MessagePump::Delegate *) F:\Chromim\src\base\message_loop\message_pump_win.cc:78:3
  #32 0x7ffaae612e70 in base::sequence_manager::internal::ThreadControllerWithMessagePumpImpl::Run(bool, class base::TimeDelta)
F:\Chromim\src\base\task\sequence_manager\thread_controller_with_message_pump_impl.cc:460:12
  \#33\ 0x7 ffaabe 20a 03\ in\ base:: RunLoop:: Run(class\ base:: Location\ const\ \&)\ F: \ Chromim\ src\ base\ run\_loop.cc: 133: 14
  #34 0x7ffaa55b123f in content::BrowserMainLoop::RunMainMessageLoop(void) F:\Chromim\src\content\browser\browser_main_loop.cc:993:20
  #35 0x7ffaa55b681b in content::BrowserMainRunnerImpl::Run(void) F:\Chromim\src\content\browser\browser_main_runner_impl.cc:152:15
  #36 0x7ffaa55aa8ea in content::BrowserMain(struct content::MainFunctionParams const &) F:\Chromim\src\content\browser\browser_main.cc:47:28
HINT: if you don't care about these errors you may set ASAN_OPTIONS=detect_container_overflow=0.
If you suspect a false positive see also: https://github.com/google/sanitizers/wiki/AddressSanitizerContainerOverflow.

SUMMARY: AddressSanitizer: container-overflow F:\Chromim\src\components\dom distiller\core\task tracker.cc:224:21 in
dom_distiller::TaskTracker::NotifyViewersAndCallbacks(void)
Shadow bytes around the buggy address:
0x0434153be500: fa fa fd fa fa fa fd fa fa fa fd fa fa fa fd fa
 0x0434153be510: fa fa fd fd fa fa fd fd fa fa fd fd fa fa fd fd
 0x0434153be520: fa fa fd fd fa fa fd fd fa fa fd fd fa fa fd fd
 0x0434153be530: fa fa fd fa fa fd fd fa fa fd fd fa fa fd fd fa
0x0434153be540: fa fa fd fa fa fa fd fa fa fa 00 00 fa fa fd fd
=>0x0434153be550: fa fa fd fd fa fa fd fa fa fa 00[fc]fa fa 00 fa
0x0434153be560: fa fa fd fd fa fa fd fa fa fa fd fa fa fa fd fa
 0x0434153be570: fa fa fd fa fa fa fd fa fa fa fd fa fa fa fd fa
 0x0434153be580: fa fa fd fa fa fa fd fa fa fa fd fd fa fa fd fa
 0x0434153be590: fa fa fd fa fa fa 00 fa fa fa 00 fa fa fa 00 fa
0x0434153be5a0: fa fa 00 fa fa fa 00 fa fa fa 00 fa fa fa 00 00
Shadow byte legend (one shadow byte represents 8 application bytes):
Addressable: 00
Partially addressable: 01 02 03 04 05 06 07
 Heap left redzone: fa
 Freed heap region:
                       fd
 Stack left redzone: f1
 Stack mid redzone:
 Stack right redzone:
                      f3
 Stack after return: f5
 Stack use after scope: f8
 Global redzone:
 Global init order: f6
 Poisoned by user: f7
 Container overflow:
                       fc
 Array cookie:
 Intra object redzone: bb
 ASan internal:
 Left alloca redzone:
 Right alloca redzone: cb
 Shadow gap:
==28172==ABORTING
 Comment 1 by dhvee...@microsoft.com on Wed, Apr 28, 2021, 3:25 AM EDT Project Member
```

#27 0x7ffaabe99e4a in base::TaskAnnotator::RunTask(char const *, struct base::PendingTask *) F:\Chromim\src\base\task\common\task annotator.cc:173:33

#26 0x7ffaabe99e4a in base::OnceCallback<void ()>::Run F:\Chromim\src\base\callback.h:102

PFA for detailed flow as to why there is container overflow.

* If there are multiple viewers with TaskTracker, when distilled article is ready while notifying the viewers we are indirectly erasing viewers from vector while iterating.

TaskTracker::DistilledArticleReadv ->

TaskTracker::NotifyViewersAndCallbacks(Iterating over viewers) ->

DomDistillerRequestViewBase::OnArticleReady ->

ViewerHandle:-~ViewerHandle ->

TaskTracker::RemoveViewer(erasing viewer from vector while iterating) ->

Replace vector with ObserverList that is safe to modify while iterating. Verified that all required calls are made in same thread - BrowserMain i.e. ObserverList is enough, no

* The repro steps added in the bug is one of the use-cases. The crash will occur in any situation when TaskTracker holds more than one viewer.

security_bug_drawio (1).png 95.6 KB View Downloa

Comment 2 by ajgo@google.com on Wed, Apr 28, 2021, 11:18 AM EDT Project Member

Cc: mdjones@chromium.org nyquist@chromium.org

Labels: Security_Severity-Medium Security_Impact-Stable Pri-2

adding some labels. dhveerap - are you working on a fix?

Comment 3 by dhvee...@microsoft.com on Wed, Apr 28, 2021, 11:44 AM EDT Project Member

aigo - I rasied a CL https://chromium-review.googlesource.com/c/chromium/src/+/2856118

Comment 4 by ajgo@google.com on Wed, Apr 28, 2021, 5:55 PM EDT Project Member

Labels: -Security_Severity-Medium Security_Severity-High

Great! Please mark this issue as Fixed once the CL is merged to 'main' so that we can consider merging to older branches

(marking as High as it's a browser UAF - the amount of user interaction might make it less severe)

Comment 5 by Git Watcher on Thu, Apr 29, 2021, 11:53 AM EDT Project Membe

The following revision refers to this bug:

commit be19f42dab0706d5fdd74acd6eaa424e9277e9c4 Author: Akhila Veerapuraju <dhveerap@microsoft.com> Date: Thu Apr 29 15:52:19 2021

Replace std::vector with base::ObserverList to support container modification while iterating

TaskTracker saves list of viewers in vector, that needs to be notified when distillation is completed. At the time of notifying the viewers we are indirectly erasing viewers from vector while iterating.

This is causing container-overflow in asan build when vector has more than one viewer while notifying.

This change is to replace vector with ObserverList that can be modified during iteration without invalidating the iterator.

Change-Id: I7c7b8237584c48c9ebc2639b9268a6a78c2db4b2

Reviewed-on: https://chromium-review.googlesource.com/c/chromium/src/+/2856118

Reviewed-by: Matt Jones <mdjones@chromium.org>

Commit-Queue: Akhila Veerapuraju <dhveerap@microsoft.com>

Cr-Commit-Position: refs/heads/master@{#877492}

[modify] https://crrev.com/be19f42dab0706d5fdd74acd6eaa424e9277e9c4/components/dom_distiller/core/task_tracker.cc [modify] https://crrev.com/be19f42dab0706d5fdd74acd6eaa424e9277e9c4/components/dom_distiller/core/task_tracker.h

Comment 6 by dhvee...@microsoft.com on Thu, Apr 29, 2021, 11:59 AM EDT Project Membe

Status: Fixed (was: Started)

Comment 7 by sheriffbot on Thu, Apr 29, 2021, 12:47 PM EDT Project Member

Labels: M-90 Target-90

Setting milestone and target because of Security Impact=Stable and high severity.

For more details visit https://www.chromium.org/issue-tracking/autotriage - Your friendly Sheriffbot

Comment 8 by sheriffbot on Thu, Apr 29, 2021, 1:27 PM EDT Project Member

Labels: -Pri-2 Pri-1

Setting Pri-1 to match security severity High. If this is incorrect, please reset the priority. Sheriffbot won't make this change again.

For more details visit https://www.chromium.org/issue-tracking/autotriage - Your friendly Sheriffbot

Comment 9 by sheriffbot on Thu, Apr 29, 2021, 2:02 PM EDT Project Member

Labels: Restrict-View-SecurityNotify

Comment 10 by sheriffbot on Thu, Apr 29, 2021, 2:22 PM EDT Project Member

Labels: Merge-Request-90 Merge-Request-91

Requesting merge to stable M90 because latest trunk commit (877492) appears to be after stable branch point (857950).

Requesting merge to beta M91 because latest trunk commit (877492) appears to be after beta branch point (870763).

For more details visit https://www.chromium.org/issue-tracking/autotriage - Your friendly Sheriffbot

Comment 11 by sheriffbot on Fri, Apr 30, 2021, 11:58 AM EDT Project M

Labels: -Merge-Request-91 Hotlist-Merge-Review Merge-Review-91

This bug requires manual review: M91's targeted beta branch promotion date has already passed, so this requires manual review Before a merge request will be considered, the following information is required to be added to this bug:

- 1. Does your merge fit within the Merge Decision Guidelines?
- Chrome: https://chromium.googlesource.com/chromium/src.git/+/master/docs/process/merge_request.md#when-to-request-a-merge
- Chrome OS: https://goto.google.com/cros-release-branch-merge-guidelines
- 2. Links to the CLs you are requesting to merge.
- 3. Has the change landed and been verified on ToT?
- 4. Does this change need to be merged into other active release branches (M-1, M+1)?
- 5. Why are these changes required in this milestone after branch?
- 6. Is this a new feature?
- 7. If it is a new feature, is it behind a flag using finch?

Chrome OS Only:

8. Was the change reviewed and approved by the Eng Prod Representative? See Eng Prod ownership by component: http://go/cros-engprodcomponents

Please contact the milestone owner if you have questions.

Owners: benmason@(Android), bindusuvarna@(iOS), kbleicher@(ChromeOS), pbommana@(Desktop)

For more details visit https://www.chromium.org/issue-tracking/autotriage - Your friendly Sheriffbot

Comment 12 by pbommana@google.com on Fri, Apr 30, 2021, 3:08 PM EDT Project Member

Cc: adetaylor@chromium.org pbomm...@chromium.org

+Adetaylor(Security TPM) for review.

Comment 13 by adetaylor@google.com on Mon, May 3, 2021, 11:08 AM EDT Project Member

Labels: -Merge-Review-91 Merge-Approved-91

Approving merge to M91, please merge to branch 4472.

Comment 14 by dhvee...@microsoft.com on Mon, May 3, 2021, 11:56 PM EDT Project Member

adetaylor/ajgo Should I manually create a CL to 4472 or bot will do on adding the label Merge-Approved-91?

Comment 15 by ajgo@google.com on Mon, May 3, 2021, 11:59 PM EDT Project Member

Yes, please make a CL targetting 4472 - the gerrit ui should have a button that helps with that.

Comment 16 by dhvee...@microsoft.com on Tue, May 4, 2021, 12:34 AM EDT Project Member

ajgo - Done

2870968: [Merge 91] Replace std::vector with base::ObserverList to support container modification while iterating | https://chromium-

Comment 17 by pbommana@google.com on Tue, May 4, 2021, 7:08 AM EDT Project Member

[Bulk Edit] Your change has been approved for M91. Please go ahead and merge the CL to branch 4472 (refs/branch-heads/4472) manually asap so that it would be part of tomorrow's Beta release.

Comment 18 by Git Watcher on Tue, May 4, 2021, 9:28 AM EDT Project Memb

Labels: -merge-approved-91 merge-merged-4472 merge-merged-91

The following revision refers to this bug:

commit 97ef1ed58e105ad9dfaaec44db27c326112756e7

Author: Akhila Veerapuraju <dhveerap@microsoft.com>

Date: Tue May 04 13:27:26 2021

[Merge 91] Replace std::vector with base::ObserverList to support container modification while iterating

TaskTracker saves list of viewers in vector, that needs to be notified when distillation is completed. At the time of notifying the viewers, we are indirectly erasing viewers from vector while iterating.

This is causing container-overflow in asan build when vector has more than one viewer while notifying.

This change is to replace vector with ObserverList that can be modified during iteration without invalidating the iterator.

(cherry picked from commit be19f42dab0706d5fdd74acd6eaa424e9277e9c4)

Change-Id: I7c7b8237584c48c9ebc2639b9268a6a78c2db4b2

iew.googlesource.com/c/chromium/src/+/2856118

Reviewed-by: Matt Jones <mdjones@chromium.org>

Commit-Queue: Akhila Veerapuraju <dhveerap@microsoft.com>

Cr-Original-Commit-Position: refs/heads/master@{#877492}

Reviewed-on: https://chromium-review.goog c/chromium/src/+/2870968

Cr-Commit-Position: refs/branch-heads/4472@{#721}

Cr-Branched-From: 3d60439cfb36485e76a1c5bb7f513d3721b20da1-refs/heads/master@{#870763}

[modify] https://crrev.com/97ef1ed58e105ad9dfaaec44db27c326112756e7/components/dom_distiller/core/task_tracker.cc [modify] https://crrev.com/97ef1ed58e105ad9dfaaec44db27c326112756e7/components/dom_distiller/core/task_tracker.h

Comment 19 by adetaylor@google.com on Tue, May 4, 2021, 12:47 PM EDT Project Member

Labels: -Merge-Request-90 Merge-Approved-90

Approving merge to M90, branch 4430. Please merge by EOD PST Thursday for inclusion in next week's security refresh.

Comment 20 by Git Watcher on Thu, May 6, 2021, 11:45 AM EDT Project Member

Labels: -merge-approved-90 merge-merged-4430 merge-merged-90

The following revision refers to this bug:

https://chromium.googlesource.com/chromium/src/+/bdd2fc10e7ae2008ffd57385f1f159c315d4cb0a

commit bdd2fc10e7ae2008ffd57385f1f159c315d4cb0a

Author: Akhila Veerapuraju <dhveerap@microsoft.com>

Date: Thu May 06 15:44:39 2021

[Merge 90] Replace std::vector with base::ObserverList to support container modification while iterating

TaskTracker saves list of viewers in vector, that needs to be notified when distillation is completed. At the time of notifying the viewers. we are indirectly erasing viewers from vector while iterating.

This is causing container-overflow in asan build when vector has more than one viewer while notifying.

This change is to replace vector with ObserverList that can be modified during iteration without invalidating the iterator.

(cherry picked from commit be19f42dab0706d5fdd74acd6eaa424e9277e9c4)

Change-Id: I7c7b8237584c48c9ebc2639b9268a6a78c2db4b2

Reviewed-on: https://chromium-review.googlesource.com/c/chromium/src/+/2856118

Reviewed-by: Matt Jones <mdjones@chromium.org> Commit-Queue: Akhila Veerapuraju <dhveerap@microsoft.com>

Cr-Original-Commit-Position: refs/heads/master@{#877492}

/c/chromium/src/+/2872685

Cr-Commit-Position: refs/branch-heads/4430@{#1408}

Cr-Branched-From: e5ce7dc4f7518237b3d9bb93cccca35d25216cbe-refs/heads/master@{#857950}

[modify] https://crrev.com/bdd2fc10e7ae2008ffd57385ff1f159c315d4cb0a/components/dom_distiller/core/task_tracker.cc [modify] https://crrev.com/bdd2fc10e7ae2008ffd57385f1f159c315d4cb0a/components/dom_distiller/core/task_tracker.h

Comment 21 by amyressler@chromium.org on Fri, May 7, 2021, 5:06 PM EDT Project Member

Labels: Release-3-M90

Comment 22 by vsavu@google.com on Mon, May 10, 2021, 9:32 AM EDT Project Member

Labels: LTS-Security-86 LTS-Merge-Request-86

Comment 23 by amyressler@google.com on Mon, May 10, 2021, 9:54 AM EDT Project Member

Labels: CVE-2021-30518 CVE description-missing

Comment 24 by amyressler@chromium.org on Mon, May 10, 2021, 11:09 AM EDT Project Member

Hi dhveerap@ - by what name/title/handle would you like to be credited for this issue?

Comment 25 by dhvee...@microsoft.com on Mon, May 10, 2021, 11:21 AM EDT Project Member

amyressler - This was found in Microsoft Edge by Jun.

Please credit - Jun Kokatsu, Microsoft Browser Vulnerability Research

Comment 26 by gianluca@google.com on Wed, May 12, 2021, 12:15 PM EDT Project Member

Labels: -LTS-Merge-Request-86 LTS-Merge-Approved-86

Comment 27 by Git Watcher on Tue, May 18, 2021, 12:27 PM EDT Project Member

Labels: merge-merged-4240

The following revision refers to this bug:

https://chromium.googlesource.com/chromium/src/+/f8018baa9357078c04883077c14cdb363153656d

commit f8018baa9357078c04883077c14cdb363153656d Author: Akhila Veerapuraju <dhv p@microsoft.com

Date: Tue May 18 16:26:00 2021

Replace std::vector with base::ObserverList to support container modification while iterating

TaskTracker saves list of viewers in vector, that needs to be notified when distillation is completed. At the time of notifying the viewers we are indirectly erasing viewers from vector while iterating.

This is causing container-overflow in asan build when vector has more than one viewer while notifying.

This change is to replace vector with ObserverList that can be modified during iteration without invalidating the iterator.

(cherry picked from commit be19f42dab0706d5fdd74acd6eaa424e9277e9c4)

Change-Id: I7c7b8237584c48c9ebc2639b9268a6a78c2db4b2

Reviewed-on: https://chromium-review.googlesource.com/c/chromium/src/+/2856118

Reviewed-by: Matt Jones <mdjones@chromium.org>

Commit-Queue: Akhila Veerapuraju <dhveerap@microsoft.com>

Cr-Original-Commit-Position: refs/heads/master@{#877492}

/chromium/src/+/2883743

Commit-Queue: Victor-Gabriel Savu <vsavu@google.com> Owners-Override: Victor-Gabriel Savu <vsavu@google.com>

Reviewed-by: Achuith Bhandarkar <achuith@chro

Cr-Commit-Position: refs/branch-heads/4240@{#1644}

Cr-Branched-From: f297677702651916bbf65e59c0 d4bbd4ce57d1ee-refs/heads/master@{#800218}

[modify] https://crrev.com/f8018baa9357078c04883077c14cdb363153656d/components/dom_distiller/core/task_tracker.cc [modify] https://crrev.com/f8018baa9357078c04883077c14cdb363153656d/components/dom_distiller/core/task_tracker.h

Comment 28 by Git Watcher on Thu, May 20, 2021, 7:02 AM EDT Project Me

Labels: merge-merged-4430_101

The following revision refers to this bug:

https://chromium.googlesource.com/chromium/src/+/882163473f4a73e80c5f9064b589a669a9a68db1

commit 882163473f4a73e80c5f9064b589a669a9a68db1

Author: Akhila Veerapuraju <dhyeerap@microsoft.com>

Date: Thu May 20 10:59:16 2021

[Merge 90] Replace std::vector with base::ObserverList to support container modification while iterating

TaskTracker saves list of viewers in vector, that needs to be notified when distillation is completed. At the time of notifying the viewers. we are indirectly erasing viewers from vector while iterating.

This is causing container-overflow in asan build when vector has more than one viewer while notifying.

This change is to replace vector with ObserverList that can be modified during iteration without invalidating the iterator.

(cherry picked from commit be19f42dab0706d5fdd74acd6eaa424e9277e9c4)

(cherry picked from commit bdd2fc10e7ae2008ffd57385f1f159c315d4cb0a)

Change-Id: I7c7b8237584c48c9ebc2639b9268a6a78c2db4b2

Reviewed-on: https://chromium-review.googlesource.com/c/chromium/src/+/2856118 Reviewed-by: Matt Jones <mdjones@chromium.org>

Commit-Queue: Akhila Veerapuraju <dhveerap@microsoft.com Cr-Original-Original-Commit-Position: refs/heads/master@{#877492}

Reviewed-on: https://chromium-review.googlesource.com/c/chromium/src/+/2872685

Cr-Original-Commit-Position: refs/branch-heads/4430@{#1408}

Cr-Original-Branched-From: e5ce7dc4f7518237b3d9bb93cccca35d25216cbe-refs/heads/master@{#857950}

Reviewed-on: https://chromium-review.googlesource.com/c/chromium/src/+/2884088

Owners-Override: Victor-Gabriel Savu <vsavu@google.com>

Reviewed-by: Achuith Bhandarkar <achuith@chromium.org> Cr-Commit-Position: refs/branch-heads/4430_101@{#40}

Cr-Branched-From: 3e9034a21f4b1f6707146b1309e001c3321ab48a-refs/branch-heads/4430@{#1364} Cr-Branched-From: e5ce7dc4f7518237b3d9bb93cccca35d25216cbe-refs/heads/master@{#857950}

[modify] https://crrev.com/882163473f4a73e80c5f9064b589a669a9a68db1/components/dom_distiller/core/task_tracker.cc [modify] https://crrev.com/882163473f4a73e80c5f9064b589a669a9a68db1/components/dom_distiller/core/task_tracker.h

Comment 29 by amyressler@google.com on Fri, Jun 4, 2021, 7:23 PM EDT Project Member

Labels: -CVE_description-missing CVE_description-submitted

Comment 30 by sheriffbot on Thu, Aug 26, 2021, 1:30 PM EDT Project Member

Labels: -Restrict-View-SecurityNotify alloublic

This bug has been closed for more than 14 weeks. Removing security view restrictions

For more details visit https://www.chromium.org/issue-tracking/autotriage - Your friendly Sheriffbot

About Monorail User Guide Release Notes Feedback on Monorail Terms Privacy