Changes in `flutter/flutter` from `8661d8` to `b593f5`

Author	
Keerti Parthasarathy keertip@users.noreply.github.com	Add track-widget-creation flag to attach command (#
Justin McCandless justinjmccandless@gmail.com	Text field scroll physics (#31088) TextField and Cuperti
MH Johnson johnsonmh@users.noreply.github.com	Revert "[Material] Update slider and slider theme with
Ben Konyi bkonyi@google.com	Fixed flutter_attach_test not respecting authentication
Ben Konyi bkonyi@google.com	Fixed failing tests caused by introduction of authentica
Christopher Fujino christopherfujino@gmail.com	Add flutter attach documentation (#31279) * add atta
Ben Konyi bkonyi@google.com	Updated flutter_driver to support auth codes (#31310
Ben Konyi bkonyi@google.com	Added support for authentication codes for the VM se
Devon Carew devoncarew@google.com	add daemon.log to the daemon spec (#31273) * add
stuartmorgan stuart.morgan@gmail.com	Add desktop workflows to doctor (#31283) The 'docto
Jonah Williams jonahwilliams@google.com	Add flutter run support for linux and windows (#3122
Jonah Williams jonahwilliams@google.com	initial work on coverage generating script for tool (#2
Jonah Williams jonahwilliams@google.com	add --force flag to precache (#31278)
chunhtai 47866232+chunhtai@users.noreply.github.com	fix issue 12999: Make assets available during tests (#3
Jonah Williams jonahwilliams@google.com	pass track widget creation flag through to build script
Anthony anthonyrobledo@gmail.com	[Material] Update slider and slider theme with new siz rather than in the slider theme.
Efthymis Sarmpanis e.sarbanis@gmail.com	Adds Tap Header Feature to ExpansionPanelList (#293
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 06fea14e5800..4b9966f5cb41 (3 commits) (cbracken@google.com), and stop the roller if necessa
Devon Carew devoncarew@google.com	remove the unused hintMessage and hintId fields fro
engine-flutter-autoroll engine-flutter-autoroll@skia.org	06fea14e5 Glitchiness with Tab Characters (flutter/eng
engine-flutter-autoroll engine-flutter-autoroll@skia.org	b6787096a Roll src/third_party/skia 847d55be4e62..a9
engine-flutter-autoroll engine-flutter-autoroll@skia.org	3e6dc02ad Roll src/third_party/skia ced2b79d00f9..84
engine-flutter-autoroll engine-flutter-autoroll@skia.org	54f7c5133 Roll src/third_party/skia 14c90c1ca218..ced
Jonah Williams jonahwilliams@google.com	Add run capability for macOS target (#31218)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	70068706d Allow building without python2 (flutter/en
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 876c4c339064..8b5a50c0df76 (4 commits) https://skia.googlesource.com/buildbot/+/master/aut

engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 76794745b676..876c4c339064 (4 commits for the AutoRoller is here: https://skia.googlesource.cc
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 523a9a9adde9..76794745b676 (6 commits https://autoroll.skia.org/r/flutter-engine-flutter-autorc
Jonah Williams jonahwilliams@google.com	Allow disabling all fingerprint caches via environment
Jonah Williams jonahwilliams@google.com	Disable macOS integration tests (#31216)
Gary Qian garyq@google.com	Use full height of the glyph for caret height on Androi
xster xiao@xster.net	Commit a navigator.pop as soon as the back swipe is
xster xiao@xster.net	Add some more cupertino icons (#30946)
xster xiao@xster.net	Clarify various CupertinoTabView docs (#31109)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine fdd427241b77..523a9a9adde9 (10 commit e88d4382e1cf..33906ad1e26f (1 commits) (flutter/eng
Jonah Williams jonahwilliams@google.com	Add desktop projects and build commands (experime
Todd Volkert tvolkert@users.noreply.github.com	Add breadcrumb to docs (#31178)
Todd Volkert tvolkert@users.noreply.github.com	Rename Border.uniform() -> Border.fromSide() (#3079
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 388124f948e6..fdd427241b77 (3 commits) sheriff (garyq@google.com), and stop the roller if nec
engine-flutter-autoroll engine-flutter-autoroll@skia.org	388124f94 Roll src/third_party/skia db13d3874846..70
engine-flutter-autoroll engine-flutter-autoroll@skia.org	b819b62be Variant type for C++ client wrapper (flutte
engine-flutter-autoroll engine-flutter-autoroll@skia.org	db36d28ed Roll src/third_party/dart a8f3a5dae6..8e73
Gary Qian garyq@google.com	Revert "Use full height of the glyph for caret height or
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 7af3f2b9e7c5..c0ee647ca422 (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 7d1da567434a..7af3f2b9e7c5 (2 commits)
Sam Rawlins sam.rawlins@gmail.com	Bump dartdoc to 0.28.3+2 (#31148) This version of da
Jonah Williams jonahwilliams@google.com	Fuchsia step 1: add SDK version file and artifact downl
Gary Qian garyq@google.com	Use full height of the glyph for caret height on Androi
Dima Rostopira rostopiradv@gmail.com	Add sorting to flutter version command (#31064)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 9970fb550071..7d1da567434a (2 commits)
Greg Spencer gspencergoog@users.noreply.github.com	Update keycodes, fix a comment. (#30938) Updates th
engine-flutter-autoroll engine-flutter-autoroll@skia.org	9970fb550 Roll src/third_party/skia d51d00745b1d..9d
Alexander Aprelev aam@google.com	Download and handle product version of flutter patch
Tom Robiquet tom-robiquet@hotmail.co.uk	Added opacity to cupertino switch when disabled (#2!

David Worsham arbreng@gmail.com	[scenic] Remove dead view_manager ref (#31005)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	0575a9b46 Roll src/third_party/skia bf15b6676843..d5
Jonah Williams jonahwilliams@google.com	Add null checks to coverage collection (#31092)
xster xiao@xster.net	Make CupertinoNavigationBarBackButton correctly ret
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine c3824f06933a..324b8403e8a6 (13 commits c9f55de2ed39..3611ee1bb157 (1 commits) (flutter/eng engine-flutter-autoroll Documentation for the AutoRc
Justin McCandless justinjmccandless@gmail.com	2d transforms UX improvements (#30932) Small usabi
liyuqian liyuqian@google.com	Allow profile widget builds in profile mode (#30990) #
Dan Field dfield@gmail.com	Check that ErrorWidget.builder is not modified after te
Jonah Williams jonahwilliams@google.com	make flutterProject option of CoverageCollector optio
liyuqian liyuqian@google.com	Fix the warning test by checking stderr (#30997) Previ
Christopher Fujino christopherfujino@gmail.com	New flag to `flutter drive` to skip installing fresh app
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 9aa7c9a48e93..c3824f06933a (13 commits config API. (flutter/engine#8540) e6c822db9 Roll src/t AutoRoller is here: https://skia.googlesource.com/buil
Dan Field dfield@gmail.com	Add rrect contains microbenchmark (#30985)
Jonah Williams jonahwilliams@google.com	Fix bugs in contrast guideline and improve heuristic (#
Jonah Williams jonahwilliams@google.com	Make coverage, like, really fast (#30811)
Jonah Williams jonahwilliams@google.com	Revert "revert last 2 engine rolls (#30995)" (#30998)
Jonah Williams jonahwilliams@google.com	revert last 2 engine rolls (#30995)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	9aa7c9a48 Export extern constants in embedder.h (flu
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 72986c39ea36..f804c293f3ba (23 commits with it. (flutter/engine#8551) a344015e9 [fuchsia] Add 99d792276740..4d657d5e894a (1 commits) (flutter/en transform (flutter/engine#8528) 0b36d3e2f Change Re
Emily Fortuna efortuna@google.com	Allow mouse hover to only respond to some mouse ev
chunhtai 47866232+chunhtai@users.noreply.github.com	Fix issue 23527: Exception: RenderViewport exceeded
Greg Spencer gspencergoog@users.noreply.github.com	Keep hover annotation layers in sync with the mouse
Siva a-siva@users.noreply.github.com	Use identical instead of '==' in a constant expression.
Jonah Williams jonahwilliams@google.com	Add toggle for debugProfileWidgetBuilds (#30867)
Jonah Williams jonahwilliams@google.com	Revert "Manual engine roll with disabled service authe
Ben Konyi bkonyi@google.com	Manual engine roll with disabled service authenticatio

Author	Commit
Justin McCandless justinjmccandless@gmail.com	Baseline Aligned Row ([#30746](#)) Text in a baseline align
MH Johnson johnsonmh@users.noreply.github.com	[Material] Fix showDialog crasher caused by old conte
Dan Field dfield@gmail.com	Let `sliver.dart _createErrorWidget` work with other
xster xiao@xster.net	Add more dialog doc cross-reference ([#30887](#))
Jonah Williams jonahwilliams@google.com	Allow downloading of desktop embedding artifacts ([#](#)
LongCatIsLooong 31859944+LongCatIsLooong@users.noreply.github.com	CupertinoDatePicker initialDateTime accounts for min
LongCatIsLooong 31859944+LongCatIsLooong@users.noreply.github.com	add golden tests for CupertinoDatePicker ([#30828](#)) Ac
liyuqian liyuqian@google.com	Simplify toImage future handling ([#30876](#)) Thanks to
champeauxr champeauxr@users.noreply.github.com	Fixed Table flex column layout error [#30437](#) ([#30470](#))
xster xiao@xster.net	Fix iTunes Transporter quirk ([#30883](#))
Greg Spencer gspencergoog@users.noreply.github.com	Bump Android build tools to 28.0.3 in Dockerfile ([#30](#)
xster xiao@xster.net	Update the upload key which seems to have trouble fc
Dan Field dfield@gmail.com	Check for invalid elevations ([#30215](#)) * Check for inval
Sam Rawlins sam.rawlins@gmail.com	Fix additional @mustCallSuper indirect overrides and
Todd Volkert tvolkert@users.noreply.github.com	Revert "Add Form.onSaved ([#30643](#))" ([#30793](#)) This re
Tong Mu dkwingsmt@users.noreply.github.com	Revert "Remove pressure customization from some po
Tong Mu dkwingsmt@users.noreply.github.com	Remove pressure customization from some pointer ev
Jonah Williams jonahwilliams@google.com	warn on uncomitted changes ([#30235](#))
Jonah Williams jonahwilliams@google.com	Add semanticsLabel parameter to TextSpan ([#30837](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 905c571db50d..72986c39ea36 (2 commits
Justin McCandless justinjmccandless@gmail.com	Fix cursor outside of input width ([#30525](#)) * Disallow c
xster xiao@xster.net	Cupertino localization step 7: modularize material spe
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine eec74e5c9231..905c571db50d (9 commits
Shi-Hao Hong shihaohong@google.com	Fix StatefulWidget and StatelessWidget Sample Docur
liyuqian liyuqian@google.com	Print warning if flutter drive is run in debug ([#30747](#))
xster xiao@xster.net	Cupertino localization step 11: add more translation c
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 6a0460c33ff7..eec74e5c9231 (6 commits) Documentation for the AutoRoller is here: https://skia
Shi-Hao Hong shihaohong@google.com	Update ExpansionPanelList Samples with Scaffold tem
Shi-Hao Hong shihaohong@google.com	Update ListTile sample snippets to use Material Scaffo

ShaLi Shaltiel shali3@gmail.com	Updated package template .gitignore file (#27034)
Shi-Hao Hong shihaohong@google.com	Embedded images and variations to ListTile sample co
liyuqian liyuqian@google.com	Mark cubic_bezier_perf__timeline_summary nonflaky (
Michael Thomsen mit-mit@users.noreply.github.com	Forward missing pub commands (#30115)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	6a0460c33 Roll src/third_party/skia 097e77cd3ba0..9a
Jonah Williams jonahwilliams@google.com	fix cast NPE in invokeListMethod and invokeMapMath
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 8a465596533d..2335dd2f8acf (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine ff1bcdc00941..8a465596533d (21 commits the macro for accessing the current test name. (flutter src/third_party/dart 8e0a669e74..8e4dcf48c4 (8 comm necessary.
Jonah Williams jonahwilliams@google.com	register gradle wrapper as universal artifact (#30755)
Tim Sneath timsneath@google.com	Update README.md (#30594) * Rewrite README with
xster xiao@xster.net	Cupertino localization step 6: add a GlobalCupertinoL
Jonah Williams jonahwilliams@google.com	Reland: Ensure that flutter run/drive/test/update_pack
Jonah Williams jonahwilliams@google.com	Allow disabling experimental commands, devices on s
Lau Ching Jun chingjun@gmail.com	Mark ios-deploy version 2.0.0 as bad (#30578) Mark ic
rami-a 2364772+rami-a@users.noreply.github.com	Prevent vertical scroll in shrine by ensuring card size fi
Todd Volkert tvolkert@users.noreply.github.com	Add `const Border.uniform()` (#30640) `Border.all()` i
Todd Volkert tvolkert@users.noreply.github.com	Add Form.onSaved (#30643) When submitting data to
Todd Volkert tvolkert@users.noreply.github.com	Make FormField._validate() return void (#30644) None
Todd Volkert tvolkert@users.noreply.github.com	Add docs to FormFieldValidator (#30645) To describe
engine-flutter-autoroll engine-flutter-autoroll@skia.org	ff1bcdc00 Add Views V2 support for Fuchsia (flutter/e
Dan Field dfield@gmail.com	Add sample for ValueListenableBuilder (#30626) * Add
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 6bc33b5e1442..0c393d64e4d1 (12 commit (flutter/engine#8462) ce7c21ce9 Log the correct funct
xster xiao@xster.net	Fix gallery deploy on iOS (#22810)
Hans Muller hansmuller@chromium.org	Fixed a typo in the Expanded API doc (#30563)
Taym Haddadi haddadi.taym@gmail.com	Add confirmDismiss example to flutter_gallery (#3049
LongCatIsLooong 31859944+LongCatIsLooong@users.noreply.github.com	Provide a default IconTheme in CupertinoTheme (#30
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 2fe4439178f3..6bc33b5e1442 (3 commits) If the roll is causing failures, please contact the curren

Michael Goderbauer goderbauer@google.com	Bump dartdocs to 0.28.3+1 (#30570)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	2fe443917 Roll src/third_party/skia 558637996569..0e3
Tim Sneath timsneath@google.com	Replace flutter.io with flutter.dev (#30562)
chunhtai 47866232+chunhtai@users.noreply.github.com	Fix issue 21640: Assertion Error : '_listenerAttached': is
Alexandre Ardhuin alexandre.ardhuin@gmail.com	shorter nullable list duplications (#30305)
Tong Mu dkwingsmt@users.noreply.github.com	Correctly synthesise event buttons (#30535) * Correctl
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 3c3b26b55c16..7e79b1f03db0 (4 commits) https://skia.googlesource.com/buildbot/+/master/aut
Justin McCandless justinjmccandless@gmail.com	Trackpad mode crash fix (#30475) Fixes a crash that ha
engine-flutter-autoroll engine-flutter-autoroll@skia.org	3c3b26b55 Roll src/third_party/skia 51874e3e3712..b0
Wai Hon Law whhone@gmail.com	Update repair command for Arch Linux (#30428) The
engine-flutter-autoroll engine-flutter-autoroll@skia.org	697e541a8 Add scripts that prepares our windows VM
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 219bf5938752..8b74cba20bb8 (4 commits https://skia.googlesource.com/buildbot/+/master/aut
xster xiao@xster.net	Let docker image install fastlane too for Linux (#30530
Hans Muller hansmuller@chromium.org	Correct MaterialButton disabledColor (#30531)
xster xiao@xster.net	Cupertino localization step 5: add french arb as transla
Tong Mu dkwingsmt@users.noreply.github.com	Touching the screen adds 0x01 to buttons (#30457) *
Morgan rmtmckenzie@gmail.com	Fix MaterialApp's _navigatorObserver when only build
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 0f70d5d4f1e3..219bf5938752 (2 commits)
Kate Lovett katelovett@google.com	Embedding the diagram for BottomNavigationBar. (#3
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 5944867cabdb..0f70d5d4f1e3 (2 commits)
Justin McCandless justinjmccandless@gmail.com	Pan and zoom gallery demo (#25164) Adds the "2D Tr
Tong Mu dkwingsmt@users.noreply.github.com	Fix edge cases of PointerEventConverter (#29998) * Fi
engine-flutter-autoroll engine-flutter-autoroll@skia.org	5944867ca update to use SkTileMode (flutter/engine#
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 309d078b597d..ad9d2417e9aa (15 commi (flutter/engine#8432) 800ea0a40 Revert "Enable DART_CHECK_VALID. (flutter/engine#8417) The AutoR
Shi-Hao Hong shihaohong94@gmail.com	Add ExpansionPanelList and ExpansionPanelList.radio
Michelle Dudley 25540019+michdud@users.noreply.github.com	Fix Shrine overscroll glow indicator (#27217)
Nikita nikitadauhashei@gmail.com	Implement compute for async function (#16265) (#30

Kate Lovett katelovett@google.com	Embedding new raised button diagram. (#30398)
Kate Lovett katelovett@google.com	Updating sample code for BottomNavigationBar class
Michael Goderbauer goderbauer@google.com	Random trivial fixes in the animation packages (#3027
Michael Goderbauer goderbauer@google.com	Be more explicit when ValueNotifier notifies (#30461)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	309d078b5 Roll src/third_party/skia e25b4472cdd9..17
Zachary Anderson zanderso@users.noreply.github.com	[fuchsia] Fix isolate filter (#30458)
Hans Muller hansmuller@chromium.org	Fix gallery API doc URL launcher (#30460)
liyuqian liyuqian@google.com	Revert "Error message for setting shaderWarmUp too
Michael Goderbauer goderbauer@google.com	Moar Videos (#30452)
Michael Goderbauer goderbauer@google.com	Add 29 Widget of the Week videos (#30415)
Christopher Fujino christopherfujino@gmail.com	make shellcheck (linter) recommended changes to bin
Michael Goderbauer goderbauer@google.com	Bump dartdocs to 0.28.3 (#30451)
Vyacheslav Egorov me@mrale.ph	Introduce --report-timings flag for flutter build aot co
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 4a8c7dceeb4b..cc115500b9cb (6 commits) (flutter/engine#8412) The AutoRoll server is located h
xster xiao@xster.net	Cupertino localization step 4: let generated date locali
Dan Field dfield@gmail.com	Draggable Scrollable sheet (#30058) * Draggable Scro
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine f7b4903d7c99..4a8c7dceeb4b (5 commits) autoroll Documentation for the AutoRoller is here: htt
Amir Hardon amirh@users.noreply.github.com	Make sure _handleAppFrame is only registered once p adding_handleAppFrame` again as a next frame callba
xster xiao@xster.net	Add needed singular resources for cupertino_en.arb (#
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 6675f71dfb22..f7b4903d7c99 (2 commits) if necessary.
Jon Tippens legalcodes@users.noreply.github.com	Fix minor typo (#30353)
Kate Lovett katelovett@google.com	Updating sample code for raised button to match fort
engine-flutter-autoroll engine-flutter-autoroll@skia.org	6675f71df Roll src/third_party/skia 1acf79a3e5b8..d96
engine-flutter-autoroll engine-flutter-autoroll@skia.org	b572ade35 Roll src/third_party/skia 3f6a2ac63670..1ac
Alexandre Ardhuin alexandre.ardhuin@gmail.com	no need .toList() before .join() (#30304)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	3796d9891 [ui] Add null check in FontWeight.lerp (flut
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine c991647404f8..79a988f5da46 (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 6c1b0b83c2b3..c991647404f8 (2 commits)

Michael Goderbauer goderbauer@google.com	Make heroes fly on pushReplacement (#30228)
Shi-Hao Hong shihaohong94@gmail.com	Added assert to prevent complete ListTile trailing/lead
LongCatIsLooong 31859944+LongCatIsLooong@users.noreply.github.com	update sample code analyzer regexp & test case (#30
engine-flutter-autoroll engine-flutter-autoroll@skia.org	6c1b0b83c Roll src/third_party/dart 1e82544b07..75b2
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine a850016454f6..40eb74c50b06 (2 commits)
Tong Mu dkwingsmt@users.noreply.github.com	Simplify logic of TapGestureRecognizer (#30227) Refa
Hans Muller hansmuller@chromium.org	Fix OutlineInputBorder crash (#30123)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine f3ec767458f1..a850016454f6 (4 commits) (https://skia.googlesource.com/buildbot/+/master/aut
Zachary Anderson zanderso@users.noreply.github.com	[fuchsia_tester] Plumb through the location of icudtl
engine-flutter-autoroll engine-flutter-autoroll@skia.org	f3ec76745 Roll src/third_party/skia 83edfbe736fd..acb
engine-flutter-autoroll engine-flutter-autoroll@skia.org	be6313d87 Roll src/third_party/skia 2fdbeae32785..83
engine-flutter-autoroll engine-flutter-autoroll@skia.org	ae024d755 Roll src/third_party/skia a6dd1ebd42cf..2fc
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 8dabd60a30d0..28f8453629f9 (3 commits) please contact the current sheriff (bmparr@google.co
Shi-Hao Hong shihaohong94@gmail.com	Added helpful Material assert message (#30219) Clarit
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine b75472c106d0..8dabd60a30d0 (2 commits
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine ca7623eb39d7..b75472c106d0 (5 commits https://skia.googlesource.com/buildbot/+/master/aut
Jonah Williams jonahwilliams@google.com	Revert "Ensure that flutter run/drive/test/update_pack
Jonah Williams jonahwilliams@google.com	Ensure that flutter run/drive/test/update_packages on
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 86f4b741b863..ca7623eb39d7 (5 commits) engine-flutter-autoroll Documentation for the AutoRo
Jonah Williams jonahwilliams@google.com	add coverage benchmark (#30222)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine a1a2129bc469..86f4b741b863 (5 commits) autoroll Documentation for the AutoRoller is here: htt
Jonah Williams jonahwilliams@google.com	make sure flutter test asks for cache upgrades (#3021
xster xiao@xster.net	Cupertino localization step 3: in-place move some ma
xster xiao@xster.net	Make sure everything in the Cupertino page transition
dacaiguoguo dacaiguoguo@gmail.com	Set custom flutter_assets by add FLTAssetsPath to App
Jonah Williams jonahwilliams@google.com	add missing test case and handle wildcard removal (#_
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 82765aa77db9..a1a2129bc469 (13 commit 9729f1ae3 Roll src/third_party/skia bf4229cc10a1..57b

Darren Austin DarrenGoog@users.noreply.github.com	Made the showMenu() position parameter required (#
Michael Goderbauer goderbauer@google.com	Part 1: Improve Overlay API (#28747)
Jonah Williams jonahwilliams@google.com	disable jit snapshot until we know what is going on he
Dan Field dfield@gmail.com	roll engine to 82765aa77db9621dfbc50801ee2709aa0
Shi-Hao Hong shihaohong94@gmail.com	Set Max Height for ListTile trailing and leading widget
liyuqian liyuqian@google.com	Error message for setting shaderWarmUp too late (#3
Jonah Williams jonahwilliams@google.com	Intercept errors thrown by synchronous Completers in
Shi-Hao Hong shihaohong94@gmail.com	Add link to hero animation page (#30059)
Darren Austin DarrenGoog@users.noreply.github.com	Fix a misuse of matchesGoldenFile() in the physical_m
Ian Hickson ian@hixie.ch	Update PULL_REQUEST_TEMPLATE.md (#29621) This t
Jonah Williams jonahwilliams@google.com	skip .dart_tool folders when running update-packages
Jonah Williams jonahwilliams@google.com	Add more test coverage to image handling (#30078)
Christopher Fujino christopherfujino@gmail.com	Move spinner _defaultSlowWarning message to a new
Francisco Magdaleno franciscojma86@gmail.com	Adds the keyboard mapping for Linux (#29993)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 37947f961a62..c4d14a00716f (11 commits) (flutter/engine#8327) 68002458f Fix Windows build. (f
Jonah Williams jonahwilliams@google.com	Move binarySearch implementation in animated_list to
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 76200562779e..37947f961a62 (2 commits)
Shi-Hao Hong shihaohong94@gmail.com	Added Hero zero-frame animation documentation (#3
Nizarius dr.potapoff.peter@gmail.com	CupertinoTextField: added ability to change placehold
Jonah Williams jonahwilliams@google.com	Update to latest matcher (#30019)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 3a3f707d5a9b..76200562779e (2 commits) sheriff (bmparr@google.com), and stop the roller if ne
Jonah Williams jonahwilliams@google.com	Make timeout durations configurable (#30053)
xster xiao@xster.net	Cupertino localization step 1.5: fix a resource mismatc
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 0d83a2ecd1bb..3a3f707d5a9b (25 commit c476e5da4fef..576eb87a2d2d (7 commits) (flutter/eng (flutter/engine#8251) 80b825ce8 Roll src/third_party/(33211b2c7a02..d90004516a63 (1 commits) (flutter/en
Jonah Williams jonahwilliams@google.com	Pass FLUTTER_TOOL_ARGS to snapshot command. (#2
Kate Lovett katelovett@google.com	Embedding new diagrams for API Docs (#29697) * Em
Jonah Williams jonahwilliams@google.com	ensure packages file is updated when using build_runr

Chris Yang ychris@google.com	Include platformViewId in semantics tree for iOS (#29
Jonah Williams jonahwilliams@google.com	Lazy cache 5: The Empire Strikes Back (#29986)
xster xiao@xster.net	Let CupertinoPageScaffold have tap status bar to scro
liyuqian liyuqian@google.com	Change `-c` to `--enable-asserts` (#30055) Unblock the
LongCatIsLooong 31859944+LongCatIsLooong@users.noreply.github.com	update CupertinoSwitch documentation (#29987) Doc
Justin McCandless justinjmccandless@gmail.com	Docs explaining how to avoid the problem of height t
LongCatIsLooong 31859944+LongCatIsLooong@users.noreply.github.com	Remove unwanted gap between navigation bar and sa
Dwayne Slater ds84182@gmail.com	Allow PointerEnterEvent and PointerExitEvents to be c
rami-a 2364772+rami-a@users.noreply.github.com	Fix issue with account drawer header arrow rotating w
Jonah Williams jonahwilliams@google.com	Watch wildcard directories in addition to asset bundle
Jonah Williams jonahwilliams@google.com	ensure that fe server is always built with tool (#29768)
Dan Field dfield@gmail.com	Avoid overwriting task result for non-leak checkers (#2
Kate Lovett katelovett@google.com	Linking Higher & Lower Class Docs (#29758) * Adding
Jonah Williams jonahwilliams@google.com	Revert "Lazy cache 4 (#29785)" (#29985)
Amir Hardon amirh@users.noreply.github.com	Limit the semantic nodes ID range to 2^16 (#29928) T
Zachary Anderson zanderso@users.noreply.github.com	[fuchsia] Fix flutter_tool BUILD.gn deps (#29942)
Jonah Williams jonahwilliams@google.com	Lazy cache 4 (#29785)
hyjfine hyjfine@gmail.com	Let CupertinoTextField's clear button also call onChang
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine af64f725f6c7..0d83a2ecd1bb (2 commits)
Jonah Williams jonahwilliams@google.com	Fix cache location, artifacts, and re-enable dart2js test
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine dd6be2fd8371..af64f725f6c7 (3 commits) (sheriff (liyuqian@google.com), and stop the roller if ne
liyuqian liyuqian@google.com	Remove tranparent paint hack from BackdropFilter (#2
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 3a445cec8a51..dd6be2fd8371 (2 commits) necessary.
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine dcc72c7176bc..3a445cec8a51 (4 commits) https://skia.googlesource.com/buildbot/+/master/aut
Danny Tuppeny danny@tuppeny.com	Update Twitter handle @flutterio -> @FlutterDev (#29
Jonah Williams jonahwilliams@google.com	wrap Timeline calls in assert (#29861)
Jonah Williams jonahwilliams@google.com	Update upgrade to reset off of hotfix branches (#2978
Jonah Williams jonahwilliams@google.com	dont fail build if codegen fails (#29818)

engine-flutter-autoroll engine-flutter-autoroll@skia.org	dcc72c717 Roll src/third_party/skia d79c95e8bcf2..e9a
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 9f878fcb3ecd..d2bba21af27a (6 commits) ec1c6fdfdd11..61bd91237778 (1 commits) (flutter/eng
engine-flutter-autoroll engine-flutter-autoroll@skia.org	9f878fcb3 Roll src/third_party/skia e86cc5039026..ec1
engine-flutter-autoroll engine-flutter-autoroll@skia.org	62c88d690 Roll src/third_party/skia 33332f1e100c..e86
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 5f8ae420c1ac..f8e3a40f9ba7 (2 commits) (
Jonah Williams jonahwilliams@google.com	roll engine to 5f8ae420c1ac61bbbb26e61251d129c87
Mouad Debbar mouad.debbar@gmail.com	Add support for text selection via mouse to Cupertino
Alexandre Ardhuin alexandre.ardhuin@gmail.com	some formatting of map, parameters and spaces (#29
Dan Field dfield@gmail.com	Detect and cleanup leaky processes (#29196) * Detect
Luka Knezic luka.knezic@gmail.com	Update CupertinoTextField (#29008)
Abhijeeth Padarthi rkinabhi@gmail.com	Removes unnecessary "new" in documentation (#2977
Amir Hardon amirh@users.noreply.github.com	Revert "Update upgrade to rebase and stash local cha
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine d4d4883216fd..b68f7e72aa71 (7 commits) of issue is, but this is necessary to avoid crashes. (flutt
Jonah Williams jonahwilliams@google.com	update fuchsia-attach (#29764)
Jonah Williams jonahwilliams@google.com	Use Dart version in script cache check (#29721)
xster xiao@xster.net	Add heart shapes to CupertinoIcons (#29630)
Michael Goderbauer goderbauer@google.com	Fix transition to stock details (#29638)
Rubens de Melo rubensdemelo@gmail.com	Include brackets on OutlineButton doc (#29654)
Jonah Williams jonahwilliams@google.com	Update upgrade to rebase and stash local changes. (#
Jonah Williams jonahwilliams@google.com	Allowing adding/updating packages during hot reload
Mouad Debbar mouad.debbar@gmail.com	Avoid flickering while dragging to select text (#29563)
Jonah Williams jonahwilliams@google.com	Enable code generation features in tool (#29399)
Jonah Williams jonahwilliams@google.com	Revert "Enable platform views for Flutter Gallery on iO
Amir Hardon amirh@users.noreply.github.com	Enable platform views for Flutter Gallery on iOS. (#296
Shayne Kelly II skshayne@gmail.com	Update DropdownButton underline to be customizabl
Christopher Fujino christopherfujino@gmail.com	Fix more tests for ANSI terminals (#29699) * have test
Jonah Williams jonahwilliams@google.com	fix asset reloading (#29469)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 250b99bd275a..d4d4883216fd (3 commits please contact the current sheriff (liyuqian@google.cc
engine-flutter-autoroll engine-flutter-autoroll@skia.org	250b99bd2 Roll src/third_party/skia 4652930a7dfc..e4

Alexander Aprelev aam@google.com	Use source list from the compiler to track invalidated...
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 188adf7e5ec5..fa435385b6b9 (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine d8c89e2bfe9b..188adf7e5ec5 (3 commits) please contact the current sheriff (liyuqian@google.co
Dan Field dfield@gmail.com	Reland composite physical layers for all platforms (#29...
engine-flutter-autoroll engine-flutter-autoroll@skia.org	d8c89e2bf Add the Linux desktop setup script to Dock...
Anthony anthonyrobledo@gmail.com	[Material] Create a FloatingActionButton ThemeData a...
Jonah Williams jonahwilliams@google.com	Download secondary SDK (#29633)
Jonah Williams jonahwilliams@google.com	Add builders and engine hash to fingerprint (#29434)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 96ad0c8926b0..6a8a45fc4f69 (16 commits e88573aef Roll src/third_party/skia d7d93001ead2..42 172810342 Add a build dependencies script for Linux
Alexandre Ardhuin alexandre.ardhuin@gmail.com	some spaces formatting (#29452) * some space forma...
Marco Scannadinari 4211302+marcoms@users.noreply.github.com	Adjust remaining Cupertino route animations to matc...
Fedor Korotkov fedor.korotkov@gmail.com	Speed up CI via mojave-flutter image (#29669)
Michael Goderbauer goderbauer@google.com	Fix links on homepage of API docs (#29641)
Lau Ching Jun chingjun@gmail.com	Fix typo (#29625)
Jonah Williams jonahwilliams@google.com	Improve flutter test startup time (#29404)
Shi-Hao Hong shihaohong94@gmail.com	DropdownButton Icon customizability (#29572)
Amir Hardon amirh@users.noreply.github.com	Revert last 2 engine rolls. (#29684) Reverting to the er...
engine-flutter-autoroll engine-flutter-autoroll@skia.org	3496156bd Roll src/third_party/skia dd0544078d05..28
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 96ad0c8926b0..a1dcb2ea987e (6 commits (flutter/engine#8171) The AutoRoll server is located h...
Ben Konyi bkonyi@google.com	Manual engine roll for 2019-03-19 (#29627) * Manual...
Jonah Williams jonahwilliams@google.com	prevent stream notifications from interfering with relo...
engine-flutter-autoroll engine-flutter-autoroll@skia.org	571964e1d Allow exported __const on iOS (flutter/eng...
Dan Field dfield@gmail.com	Revert "Reland composite physical layers on all platfor...
Shi-Hao Hong shihaohong94@gmail.com	added friendlier error for invalid AndroidManifest.xml...
Phil Quitslund pq@users.noreply.github.com	make literals const for @immutable constructors (#29...
Hans Muller hansmuller@chromium.org	Update progress indicator API docs (#29564)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 5088735e5f54..e28fc3c810ee (9 commits) vsync scheduling overhead. (flutter/engine#8185) 698...

Author	Commit
Jonah Williams jonahwilliams@google.com	remove explicit frame schedule ([#29461](#))
Priit Lätt lattpriit@gmail.com	Use async execution for xcodebuild commands ([#2904](#))
Brian Wilkerson brianwilkerson@google.com	Update another SDK constraint ([#29454](#))
Dan Field dfield@gmail.com	Remove timeout from add2app test for iOS ([#28746](#))
Dan Field dfield@gmail.com	Add semantic label finders ([#29342](#)) * Add semantic la
liyuqian liyuqian@google.com	Manually roll engine to 5088735e5 ([#29566](#)) Need this
Jonah Williams jonahwilliams@google.com	make build runner configurable ([#29568](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine e75f6de01fee..048d70bc0948 (2 commits)
Filip Hracek filiph@users.noreply.github.com	Add sample to forEachTween ([#29195](#)) The current do
Dan Field dfield@gmail.com	Reland composite physical layers on all platforms ([#29](#))
xster xiao@xster.net	Make real JSON in arb ([#29463](#))
Francisco Magdaleno franciscojma86@gmail.com	Adds macOS raw keyboard mapping ([#29231](#))
Jonah Williams jonahwilliams@google.com	Ensure that different formatting of ndk properties file
Ivan Schütz ivanschuetz@gmail.com	Improve Navigator documentation ([#29540](#))
Dan Field dfield@gmail.com	Make it easier to ensure semantics in widgetTests ([#29](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 5b09204e3037..e75f6de01fee (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 4d9b9aacd076..5b09204e3037 (3 commits) please contact the current sheriff (jsimmons@google.
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine c6f9fe7e00e2..4d9b9aacd076 (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	c6f9fe7e0 Roll src/third_party/skia 90155edf140b..d95
engine-flutter-autoroll engine-flutter-autoroll@skia.org	0f97c920f Roll src/third_party/skia f3f7059cb736..9015
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 015c0246aebc..4a4f1823eb5b (4 commits) https://skia.googlesource.com/buildbot/+/master/aut
liyuqian liyuqian@google.com	Add doc about MediaQuery to Chip ([#29445](#)) Fixes ht
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 0e0e0a98f511..015c0246aebc (3 commits) if necessary.
Jonah Williams jonahwilliams@google.com	Switch flutter_tools from script to app-jit snapshot. ([#](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	0e0e0a98f Roll src/third_party/skia 46f5ee156155..49e
Jonah Williams jonahwilliams@google.com	fix for sometimes packages file is an APK ([#29456](#))
Jonah Williams jonahwilliams@google.com	Improve hot reload performance ([#28152](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	7da45be4a Roll src/third_party/skia 69600007e278..46
Shi-Hao Hong shihaohong94@gmail.com	add assert if length of TabController and number of ta

Anthony anthonyrobledo@gmail.com	Fix Flex class docs by replacing 'vertical space' with 'sp
Kate Lovett katelovett@google.com	Sample code for Align class. ref:#13637 (#29442)
Mouad Debbar mouad.debbar@gmail.com	Fix text selection when user is dragging in the opposit
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine b36068c3778c..cad97fe7467c (2 commits)
liyuqian liyuqian@google.com	Add dump-shader-skp flag to flutter tools (#29258) Th
xster xiao@xster.net	Cupertino localization step 1: add an English arb file (#
liyuqian liyuqian@google.com	No shrinking for BackdropFilter's cull rect (#28174) * N
Jason Simmons jason-simmons@users.noreply.github.com	Use fs.identical to compare paths when finding the en
Edman P. Anjos edmanjos@gmail.com	Paint backgroundColor in CircularProgressIndicator (#
liyuqian liyuqian@google.com	--verbose-logging to verbose-logging in android (#29
Christian Wenz christian@wenz.org	Properly escape Android SDK Manager path in error m
Dan Field dfield@gmail.com	Update README.md (#29369)
Mike Leonhard michael@leonhardllc.com	[cupertino_icons] Add circle and circle_filled, for radio
Efthymis Sarmpanis e.sarbanis@gmail.com	Throw assertion error when a Hero has a Hero child. (#
Brian Wilkerson brianwilkerson@google.com	Update SDK constraints to reflect the fact that set liter
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 403337ebb893..b36068c3778c (10 commit snapshot (flutter/engine#8085) 09db84fad Android En (jsimmons@google.com), and stop the roller if necess
Jonah Williams jonahwilliams@google.com	Disable widget inspector scroll test (#29403)
Dan Field dfield@gmail.com	Roll engine to 403337ebb893380101d1fa9cc435ce9b6
Justin McCandless justinjmccandless@gmail.com	Text field height attempt 2 (#29250) Adds the minLine
Jonah Williams jonahwilliams@google.com	Only run codegen at start of flutter_test (#29171)
Jonah Williams jonahwilliams@google.com	Skip Dialog interaction test (#29385)
Jonah Williams jonahwilliams@google.com	Revert "Manual engine roll with goldens (#29363)" (#2
Dan Field dfield@gmail.com	Manual engine roll with goldens (#29363)
Shi-Hao Hong shihaohong94@gmail.com	Implement labelPadding configuration in TabBarThem
Hans Muller hansmuller@chromium.org	Error message when TextSelectionOverlay finds no Ov
Dan Field dfield@gmail.com	guard new formatter behind env var (#29340) * guard
rami-a 2364772+rami-a@users.noreply.github.com	[Material] Fix radio ink ripple to be centered (#28845)
Jonah Williams jonahwilliams@google.com	add option for --verbose-system-logs (#29321)
Dan Field dfield@gmail.com	Revert "Always composite PhysicalModels (#28919)" (#

Gary Qian garyq@google.com	Revert "Roll engine 31b289f277c6..b1b388f1c235 (7 co
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 31b289f277c6..b1b388f1c235 (7 commits)
Dan Field dfield@gmail.com	Revert "Speculative fix for #29262 (#29273)" (#29319)
Dan Field dfield@gmail.com	Speculative fix for #29262 (#29273) * Avoid writing to
Gary Qian garyq@google.com	Expose decorationThickness in TextStyle. Roll engine (src/third_party/skia 2932a458957d..762ddd7e4352 (3
Jonah Williams jonahwilliams@google.com	Add skip to group in test_compat (#29236)
sjindel-google sjindel@google.com	Fix text selection handles showing outside the visible t
Michael Goderbauer goderbauer@google.com	Fix DartDoc for UniqueKey (#29245)
Shi-Hao Hong shihaohong94@gmail.com	Update README.md
Dan Field dfield@gmail.com	Always composite PhysicalModels (#28919) * Always c
Hans Muller hansmuller@chromium.org	Update flutter_localizations translations (#29247)
guoskyhero guojiex@users.noreply.github.com	Document that SearchDelegate.buildResults can be ca
Sean D'Souza 38793207+seendsouza@users.noreply.github.com	Docs edit for Tab Label Color (#29165)
liyuqian liyuqian@google.com	No image shader caching in default shader warm-up (
Fedor Korotkov fedor.korotkov@gmail.com	Install JDK and Android SDK only for integration tests
Hans Muller hansmuller@chromium.org	Ensure that animated pairs of Tabs TextStyles have ma
Michael Goderbauer goderbauer@google.com	Heroes and nested Navigators (#29069)
Hans Muller hansmuller@chromium.org	MaterialButton shape should override ButtonTheme s
Kate Lovett katelovett@google.com	Update to ListView Sample Code in API Docs (#29072
Michael Goderbauer goderbauer@google.com	Include platformViewId in semantics tree (#28953)
Danny Tuppeny danny@tuppeny.com	Add a `flutter create --list-samples` command (#28
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 56d8634c51ff..5ccee9537334 (4 commits) engine-flutter-autoroll Documentation for the AutoRo
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine a71609f0695c..56d8634c51ff (2 commits) (
Dwayne Slater ds84182@gmail.com	Fix MouseTracker annotation leak (#28990) * Fix Mous
Michael Goderbauer goderbauer@google.com	Deprecate profile() (#29054)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 0d2cf5857b2b..a71609f0695c (3 commits) contact the current sheriff (mklim@google.com), and
Aawaz Gyawali awazgyawali@gmail.com	Changed flutter.dev to flutter.io on each link. (#28888
stuartmorgan stuart.morgan@gmail.com	Add support for scrollwheels (#22762) Adds support f

Paul Berry stereotype441@gmail.com	Cause `flutter analyze` to fail if the analysis server exp
Hiroki Matsue hiroki.matsue@gmail.com	Fix typo in RefreshIndicator constructor API doc
Kate Lovett katelovett@google.com	Update to Container Sample Code in API Docs ([#2905](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 14d1584a2262..0d2cf5857b2b (2 commits)
Dan Field dfield@gmail.com	Make sure test reporter prints out stderr, and disables
Dan Field dfield@gmail.com	Update .cirrus.yml ([#29129](#)) I inadvertently commente
Dan Field dfield@gmail.com	Run non-perf sensitive tests on Cirrus ([#27971](#)) * Run
engine-flutter-autoroll engine-flutter-autoroll@skia.org	14d1584a2 Roll src/third_party/skia 29d5dec9a078..92
engine-flutter-autoroll engine-flutter-autoroll@skia.org	4e54bc93c Guard initialization of touch exploration lis
engine-flutter-autoroll engine-flutter-autoroll@skia.org	9e8f8d088 Drop android_sdk_downloader in favor of
engine-flutter-autoroll engine-flutter-autoroll@skia.org	21342863a Do not cache gclient sync ([flutter/engine#](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	dc216bdcf Fix typo ([flutter/engine#8102](#)) ([#29107](#)) [htt](#)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine e77337bb1c74..124fb1a054cd (2 commits)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	e77337bb1 Use right stream for Java, on mac try to au
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 03d5f3c2d1e0..a63ff4632728 (2 commits)
Todd Volkert tvolkert@users.noreply.github.com	Revert "Fix TextField height issues ([#27205](#))" ([#29093](#))
Alexandre Ardhuin alexandre.ardhuin@gmail.com	fix block formatting ([#29051](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine c48774cfe09b..03d5f3c2d1e0 (3 commits) contact the current sheriff (mklim@google.com), and
Jonah Williams jonahwilliams@google.com	fix windows codegen ([#29062](#))
Ian Hickson ian@hixie.ch	Support hotfix version numbers ([#28672](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 87edd94e9cc7..c48774cfe09b (3 commits) (mklim@google.com), and stop the roller if necessary.
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 60314077846c..87edd94e9cc7 (4 commits) https://skia.googlesource.com/buildbot/+/master/aut
Terje Lønøy tlonoy@gmail.com	Add key support to cupertino button ([#28900](#))
xster xiao@xster.net	Fix CupertinoTabView tree re-shape on view inset char
Dan Field dfield@gmail.com	add heartbeat ([#29056](#))
Yuqian Li liyuqian@google.com	Update docs
Jonah Williams jonahwilliams@google.com	Revert "Lazily download artifacts (III) ([#27903](#))" ([#2906](#))
Jonah Williams jonahwilliams@google.com	Lazily download artifacts (III) ([#27903](#))
Jonah Williams jonahwilliams@google.com	Add integration to all targets ([#29020](#))

Justin McCandless justinjmccandless@gmail.com	Fix TextField height issues (#27205) * Create new TextF expands serialization * Action sheet tests no longer fa reenable expands * Tests for textfield overflowing pare * Fix rounding errors showing up in mac tests * Fix flal
Greg Spencer gspencergoog@users.noreply.github.com	Remove references to obsolete SemanticsSortOrder (#
Greg Spencer gspencergoog@users.noreply.github.com	Add/rewrite tests for FocusScope. (#28169) In anticipa
Dan Field dfield@gmail.com	update readme for LUCI (#29023) * update readme fo
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine a48cd16e0777..60314077846c (2 commits)
Dan Field dfield@gmail.com	print system time on all mac builds (#29025)
Jonah Williams jonahwilliams@google.com	Revert "re-enable dart2js test (#29010)" (#29030) This
Jonah Williams jonahwilliams@google.com	re-enable dart2js test (#29010)
Gary Qian garyq@google.com	Initialize the lifecycle state with initial state in window. (https://github.com/flutter/engine/pull/7978) ff46dd3 Re-land "Buffer lifecycle in WindowData" (https://githu Mac. (https://github.com/flutter/engine/pull/8051) 70
Dan Field dfield@gmail.com	make coverage work again (#29016)
Jonah Williams jonahwilliams@google.com	Remove extra build_runner modes, remove flutter_bui
Kate Lovett katelovett@google.com	Form Snippet for API Docs (#28857) * Added code sni
xster xiao@xster.net	Add more doc pointing to the EditableText's rudiment
liyuqian liyuqian@google.com	Quick fix for shader warm up (#28951) Fix issues in htt
Alexandre Ardhuin alexandre.ardhuin@gmail.com	Fix indentations of statements in BlockFunctionBody (;
Dan Field dfield@gmail.com	Fix coverage shard and print summary after test run (#
Jonah Williams jonahwilliams@google.com	select ResidentCompiler during FlutterDevice initializa
Dan Field dfield@gmail.com	Fall-back to platform tools in Android SDK detection lo
Jonah Williams jonahwilliams@google.com	Revert "Roll engine f4951df193a7..471a2c89a689 (11 c
Tong Mu dkwingsmt@users.noreply.github.com	Add minimum time gap requirement to double tap (#
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine f4951df193a7..471a2c89a689 (11 commits Android and Windows hooks on Mac. (flutter/engine#
xster xiao@xster.net	Move material iOS back swipe test to material (#2885!
Muhammed Salih Guler gueler@karlmax-berlin.com	Add semantics label to FadeInImage. (#28799)
TruongSinh Tran-Nguyen i@truongsinh.pro	fix #19175 How should addTime be used from a test?
Ivan boytheprodigy@gmail.com	fix missing variable name (#28944)
Jonah Williams jonahwilliams@google.com	Add build script invalidation and snapshotting logic (#
Dan Field dfield@gmail.com	Fix for post submit on cirrus (#28963) * Fix for post su

Dan Field dfield@gmail.com	Test reporter ([#28297](#)) * Wrap test.main with a custom
Jason Simmons jason-simmons@users.noreply.github.com	Remove the flutter_shared assets directory from the G
Phil Quitslund pq@users.noreply.github.com	set literal conversions ([#27811](#))
Dan Field dfield@gmail.com	Update docs for ancestorWidgetOfExactType ([#28675](#))
Reece Dunham me@rdil.rocks	Update macOS version in tests ([#28852](#)) This switches
Chris Bracken chris@bracken.jp	Fix crash on flutter update-packages ([#28922](#)) When r
Alexandre Ardhuin alexandre.ardhuin@gmail.com	fix some formatting issues ([#28809](#)) * fix some format
Chris Bracken chris@bracken.jp	Roll engine 4f54a1d...2e97618 ([#28899](#)) flutter/engine kHasImplicitScrolling enum value ([flutter/engine#8030](#)) 7c70ab1817..7d8ffe0daf (77 commits) flutter/engine@
Amir Hardon amirh@users.noreply.github.com	Make RenderUiKitView reject absorbed touch events (
Kate Lovett katelovett@google.com	FAB Snippet for API Docs ([#28752](#)) * Added code snip
Hans Muller hansmuller@chromium.org	Handle Cupertino back gesture interrupted by Naviga
Jason Simmons jason-simmons@users.noreply.github.com	Use a simpler implementation of Diagnosticable.toStri
Jason Simmons jason-simmons@users.noreply.github.com	Avoid the overhead of instantiating a generator in pai
Joshua Seaton josh.a.seaton@gmail.com	[fuchsia] Permit relative entries to the fuchsia_tester ([#](#)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine e9eae9a1af77..4f54a1dd9444 (3 commits) please contact the current sheriff (garyq@google.com
engine-flutter-autoroll engine-flutter-autoroll@skia.org	e9eae9a1a Roll src/third_party/skia c97b0672a73f..1b9
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 39c46dea4b73..a28329cb91ac (10 commit ([flutter/engine#8011](#)) 7234cc463 Roll src/third_party/s
Danny Tuppeny danny@tuppeny.com	Fix the test annotation used for test groups ([#28638](#))
Jonah Williams jonahwilliams@google.com	switch tool tests to build runner ([#28759](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 66042161eba1..39c46dea4b73 (4 commits https://skia.googlesource.com/buildbot/+/master/aut
Kate Lovett katelovett@google.com	Expanded Snippet for API Docs ([#28681](#)) * Added cod
Jonah Williams jonahwilliams@google.com	Revert "Remove the old HaTS implementation on API
Dan Field dfield@gmail.com	Update README.md ([#28734](#)) @xster
Tong Mu dkwingsmt@users.noreply.github.com	Add animation curve slowMiddle ([#28540](#)) * Add curv
Greg Spencer gspencergoog@users.noreply.github.com	Be more strict about finding version number attached
Ja Young Lee [11873270+jayoung-](#)	Remove the old HaTS implementation on API docs ([#](#)

lee@users.noreply.github.com	
Mouad Debbar mouad.debbar@gmail.com	Text selection via mouse (#28290)
ocavue ocavue@users.noreply.github.com	Fix ink highlight effect of RawChip (#28653)
Alexander Markov alexmarkov@google.com	Include git output into error message from channel co
Dan Field dfield@gmail.com	improve error messages on Text constructors (#28709
engine-flutter-autoroll engine-flutter-autoroll@skia.org	66042161e Roll src/third_party/skia 255569187f27..71a
Hans Muller hansmuller@chromium.org	Update TabController.indexIsChanging doc (#28663)
Chris Bracken chris@bracken.jp	Log pub return code on failure on Windows (#28356)
Alexandre Ardhuin alexandre.ardhuin@gmail.com	Add missing trailing commas (#28673) * add trailing c
Chris Bracken chris@bracken.jp	Roll engine to 99f3f7a9c246f1ebedc6eefd867cde250b
liyuqian liyuqian@google.com	Make shader warm-up async so it can handle image (#
liyuqian liyuqian@google.com	Shader warm-up doc fixes (#28679) See https://githul
Jonah Williams jonahwilliams@google.com	Add capability to run build_runner tests for engine (#2
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 5194919e1309..56c16154eada (3 commits) the current sheriff (garyq@google.com), and stop the
Anthony anthonyrobledo@gmail.com	add await to fix analyzer (#28157)
Michael Goderbauer goderbauer@google.com	Drive-by fix for TODO (#28669)
Greg Spencer gspencergoog@users.noreply.github.com	Fix spelling errors. (#28657) Fix the spelling errors in th
liyuqian liyuqian@google.com	Add convex path and non-AA paint to shader warm-u
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 9b924765f4de..5194919e1309 (6 commits) commits) (flutter/engine#7992) The AutoRoll server is
Hans Muller hansmuller@chromium.org	Updated gallery light and dark themes (#28619)
Shivam Bhasin 32370728+shivamvk@users.noreply.github.com	Add Sample code for FlatButton #21136 (#27751) * U
engine-flutter-autoroll engine-flutter-autoroll@skia.org	9b924765f Improve performance of Locale.toString (fl
Hans Muller hansmuller@chromium.org	Add warnings and an example to the TextEditingContr
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 4434a39c7d54..3e4e6f5c54db (18 commit: src/third_party/dart 9450c6d829..40bab34fbd (8 comm flutter's dart sdk to full and add dartdevc librarie
Chris Bracken chris@bracken.jp	Roll engine to 3e4e6f5c54db7a705e6d50f7f3bddfa2ac src/third_party/dart e94e797d7b..9450c6d829 (8 comm (flutter/engine#7970) flutter/engine@e32531f0e Switc
Kate Lovett katelovett@google.com	TextField Snippet for API Docs (#28598) * Added code
Michael Goderbauer goderbauer@google.com	Call onTapCancel when down pointer gets cancelled (#

Chris Bracken chris@bracken.jp	Roll engine to 4434a39c7d545ed47186b2f4d98cd09c8
Jonah Williams jonahwilliams@google.com	disable dart2js test (#28555)
Moein Porkamel tje3d@yahoo.com	Fix typo (#28558)
liyuqian liyuqian@google.com	Reland "Shader warm up (#27660)" (#28537) This reve
Jonah Williams jonahwilliams@google.com	remove personal repo and replace with trivial example
liyuqian liyuqian@google.com	Add LICENSE test to presubmit checks (#28369) ## De `/usr/local/google/home/liyuqian/flutter/flutter/p` ———————————————————————————————————— including [Features we expect every widget to implem https://github.com/flutter/flutter/wiki/Style-guide-for-
liyuqian liyuqian@google.com	Fix backspace and clear length in AnsiStatus (#28477) `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long `time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b` ⋮ (This is taking an unexpectedly long

	```time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\ ⋮ (This is taking an unexpectedly long time.)\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\ ⋮ (This is taking an unexpectedly long time.)"```
Jonah Williams jonahwilliams@google.com	Add basic web device and run support (#28302)
Dan Field dfield@gmail.com	increase timeout (#28480)
liyuqian liyuqian@google.com	Fix type issue of the timelineEvents assignment (#285
Sander Kersten spkersten@gmail.com	Add lerping between Gradients with arbitrary number
Anthony anthonyrobledo@gmail.com	[Material] Unit test for skipping Slider tick mark due to
xster xiao@xster.net	Support iOS devices reporting pressure data of 0 (#28
engine-flutter-autoroll engine-flutter-autoroll@skia.org	113b91fe8 Roll src/third_party/skia 8abc84294571..ad1
Jonah Williams jonahwilliams@google.com	pass --skip-build-script-checks and remove module us
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine fa7a25aea3e3..131091827790 (2 commits)
Jonah Williams jonahwilliams@google.com	use deviceManager discovery in daemon protocol (#2
Greg Spencer gspencergoog@users.noreply.github.com	Add SHA256 checksums to published metadata (#284
Jonah Williams jonahwilliams@google.com	remove json_schema dep again (#28517)
Zachary Anderson zanderso@users.noreply.github.com	[flutter_tool,fuchsia_tester] Only require a test source
engine-flutter-autoroll engine-flutter-autoroll@skia.org	fa7a25aea Roll src/third_party/skia ac6d4c0c8eae..346
engine-flutter-autoroll engine-flutter-autoroll@skia.org	9f95ef23a Android Embedding PR 8: Add FlutterEngin
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 1d0615af4ee5..31d31e6d2ae8 (6 commits) src/third_party/dart c92d5ca288..7a63d31151 (6 comn
Stevie Strickland sstrickl@gmail.com	Remove unused --packages argument to gen_snapsho
Michael Goderbauer goderbauer@google.com	Fuschia -> Fuchsia (#28482)
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine f7306394e303..1d0615af4ee5 (7 commits) e1636a4b56aa..5bbd02d6bb3d (1 commits) (flutter/en
KyleWong kang.wang1988@gmail.com	Add tests for pr:27687 (#27944)
lsaudon lartisanducode@gmail.com	Add shapeBorder option on App Bar (#21834)
xster xiao@xster.net	Add long-press-move support for text fields 2 (#2824
jslavitz jslavitz@google.com	Breaks the moveBy call from drag and dragFrom into
stuartmorgan stuart.morgan@gmail.com	Convert PointerEvent's toString to Diagnosticable (#2
Jason Simmons jason-simmons@users.noreply.github.com	Only call Activity.reportFullyDrawn on Lollipop or abov
Hans Muller hansmuller@chromium.org	Ensure that the DropdownButton menu respects its pa

rami-a 2364772+rami-a@users.noreply.github.com	[Material] Add the ability to theme trailing app bar act
Brandon Rodriguez brandonrrodriguez@gmail.com	[Typo] Update 'use' to 'user' ([#28245](#))
Reece Dunham me@rdil.rocks	Removed trailing whitespace from the end of the CI co
Michael Goderbauer goderbauer@google.com	Add more docs to BackdropFilter ([#28017](#))
liyuqian liyuqian@google.com	Mark non-flaky test as such ([#28373](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	f7306394e fix sendLocales on old android versions ([flu
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 0546e1e5e901..502c9c4002a6 (2 commits) stop the roller if necessary.
Will Larche larche@google.com	[Gallery] Fix fortnightly analysis for consts. ([#28431](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	0546e1e5e Roll src/third_party/skia 33c1b315265c..52
Will Larche larche@google.com	[Gallery] Fortnightly demo moved from flutter/sample correction. * [Gallery] Adding tooltip to satisfy smoke
engine-flutter-autoroll engine-flutter-autoroll@skia.org	90fcaff90 Roll src/third_party/skia 2ed90e152d47..33c1
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 0d777b947e4c..b1779e7d95ea (2 commits
Dan Field dfield@gmail.com	update packages ([#28400](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	0d777b947 Roll src/third_party/skia 72f6f044cc73..12f
Dan Field dfield@gmail.com	Reland "Allow for gradle downloading missing SDK as
Dan Field dfield@gmail.com	add2app test ([#27712](#)) * add2app test
Dan Field dfield@gmail.com	fix red build for analysis ([#28398](#))
Gary Qian garyq@google.com	Force line height in TextFields with strut ([#27612](#))
engine-flutter-autoroll engine-flutter-autoroll@skia.org	3efc9f509 Roll src/third_party/skia 2a5511307d34..72f
Bryan Henry bryanhenry@mac.com	Clean up flutter_gallery.cmx's sandbox ([#28193](#)) Delet
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 5809adea4156..1741497a574f (5 commits) https://autoroll.skia.org/r/flutter-engine-flutter-autoro
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine f80928a9e403..5809adea4156 (3 commits) necessary.
Jonah Williams jonahwilliams@google.com	only perform multi-root mapping if there are multiple
Stanislav Baranov stanislav@gmail.com	Dynamic patching support for native code libraries. ([#
liyuqian liyuqian@google.com	Revert "Shader warm up ([#27660](#))" ([#28376](#)) This reve
liyuqian liyuqian@google.com	Shader warm up ([#27660](#)) This patch adds a default sh complex_layout and flutter_gallery. Note that this only
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 33bb91cc1591..f80928a9e403 (4 commits) https://skia.googlesource.com/buildbot/+/master/aut

Zachary Anderson zanderso@users.noreply.github.com	[flutter_tool,fuchsia] Add missing dep to flutter_tool (#
rami-a 2364772+rami-a@users.noreply.github.com	Minor UI tweaks to Cards demo based on internal fee
rami-a 2364772+rami-a@users.noreply.github.com	[Material] Add ability to set shadow color and selecte
ocavue ocavue@users.noreply.github.com	Make extended FAB's icon optional ([#27711](#))
Chris Bracken chris@bracken.jp	Roll engine to 33bb91cc15916610261097eb971ec8a1
Zachary Anderson zanderso@users.noreply.github.com	[fuchsia] Fix paths to find and ls ([#28280](#))
Chris Bracken chris@bracken.jp	Roll engine to cb0f7ece1f251c78a07550db89d0fcb3ed
Chris Bracken chris@bracken.jp	Roll engine to 043d92c48abdebdad926569bc204a59c
xster xiao@xster.net	Add some more CupertinoPicker doc ([#28166](#))
Stanislav Baranov stanislav@gmail.com	Reland [#27754](#), now that bsdiff has moved to flutter/p
Ray Rischpater, KF6GPE rischpater@google.com	deploy to .dev firebase projects. ([#28171](#)) * deploy to
Chris Bracken chris@bracken.jp	Roll the engine to 5db4b377244bae48bc21e449e6164 unnecessary entry-point closurization. ([flutter/engine#](#) profile and release build and unit tests ([flutter/engine](#) c92d5ca288..5ddd157809 (153 commits) flutter/engin
Dan Field dfield@gmail.com	Revert "Allow for gradle downloading missing SDK ass
xster xiao@xster.net	Add slight clarification to debugDeterministicCursor (;
Hans Muller hansmuller@chromium.org	[Material] Expand BottomNavigationBar API (reprise) (
Michael Goderbauer goderbauer@google.com	Add backgroundColor argument to TextStyle for conv
Dan Field dfield@gmail.com	Allow for gradle downloading missing SDK assets ([#28](#)
Greg Spencer gspencergoog@users.noreply.github.com	Fix the length of the valueHelp on the --sample optior
Dan Field dfield@gmail.com	Reduce memory benchmark perf tests outer loop to 1
Dan Field dfield@gmail.com	Make logcat less chatty on perf tests ([#28272](#))
Greg Spencer gspencergoog@users.noreply.github.com	Revert "Remove unused --packages argument to gen_
Alexandre Ardhuin alexandre.ardhuin@gmail.com	format parameter list ([#27261](#))
Stevie Strickland sstrickl@gmail.com	Remove unused --packages argument to gen_snapsho
Volodymyr Lykhonis vladimirlichonos@gmail.com	Update AUTHORS to add Volodymyr Lykhonis ([#2488!](#)
Jonah Williams jonahwilliams@google.com	Remove extra slash from builder that is not handled o
Jonah Williams jonahwilliams@google.com	Remove set literal syntax ([#28238](#))
Michael Goderbauer goderbauer@google.com	Remove line breaks from PR template ([#28235](#))
jslavitz jslavitz@google.com	Adds fix for NAN value and pressure values outside of
jslavitz jslavitz@google.com	Adds media query check in editable_text ([#27955](#)) * m

Mike Roosa mike.roosa@gmail.com	removed image with 404 ([#26376](#)) Update README.m
Matt Sullivan matt.j.sullivan@gmail.com	Added sample code to AnimatedWidget ([#27803](#)) * A
Ali EP p30arena@gmail.com	Fixes crossAxisSpacing overflow in RTL ([#27945](#))
Sander Kersten spkersten@gmail.com	Fix issue where SliverPersistentHeader that is both floa
Michael Goderbauer goderbauer@google.com	Adds a template for Pull Requests ([#28224](#))
Michael Goderbauer goderbauer@google.com	Add TextOverflow.visible ([#28182](#))
Dan Field dfield@gmail.com	Remove json_schema and cli_util deps from flutter_too
xster xiao@xster.net	Rename SuperellipseShare ContinuousRectangleBorde
xster xiao@xster.net	revert 26001 ([#28032](#))
Kaushik Iska iska.kaushik@gmail.com	Add outer try block for obtainKey errors. Add docs. ([#](#)
Jonah Williams jonahwilliams@google.com	Outline for survey implementation ([#27305](#))
Dan Field dfield@gmail.com	Manual engine roll to ([#28222](#)) flutter/engine@6d7eb text ([flutter/engine#7875](#))
Michael Goderbauer goderbauer@google.com	Fix 'to to' ([#28216](#))
Dan Field dfield@gmail.com	Roll engine to f45572e95f93edb89b6750a4f36ad8ed7
engine-flutter-autoroll engine-flutter-autoroll@skia.org	f37b09a11 [fuchsia][SCN-1054] Map elevation onto -Z
engine-flutter-autoroll engine-flutter-autoroll@skia.org	Roll engine 033f2072c315..163a2fd5e140 (26 commits SurfaceTextureRegistryEntry ([flutter/engine#7837](#)) 9a9 ([flutter/engine#7839](#)) 5d3f7145a Roll src/third_party/s 09c01e9df260..4037f7f5d8b4 (3 commits) ([flutter/engi](#)
Stanislav Baranov stanislav@gmail.com	Revert "Add support for binary compression of dynam
Dan Field dfield@gmail.com	Reland automatic discovery of observatory port for iO
liyuqian liyuqian@google.com	Increase our build budget to 16ms ([#27709](#)) Because
KyleWong kang.wang1988@gmail.com	Refactor local engine logic ([#27765](#)) * Refactor for iOS
Jason Simmons jason-simmons@users.noreply.github.com	Disable prefer_collection_literals in the analyzer until v
Hans Muller hansmuller@chromium.org	Add extendBody parameter to Scaffold, body MediaQ
Jonah Williams jonahwilliams@google.com	remove accidentally commited libs ([#28011](#))
jslavitz jslavitz@google.com	Fixes switch vibration ([#27900](#)) * Fixes Cupertino switc
Gary Qian garyq@google.com	Roll engine for [flutter/engine#7791](#) - Add trailing whit
Kate Lovett katelovett@google.com	Sample code for Icon class ([#27968](#)) * Added sample
Michael Goderbauer goderbauer@google.com	Reapply "Fix overflow clipping/fading for text ([#27892](#)
Todd Volkert tvolkert@users.noreply.github.com	Re-apply "Ensure all curves return 0 and 1 in .transforr

Greg Spencer gspencergoog@users.noreply.github.com	Fix Dashing rules to use new dartdoc CSS entity marke
Todd Volkert tvolkert@users.noreply.github.com	Ensure that Dart SDK dirs have appropriate permission
Greg Spencer gspencergoog@users.noreply.github.com	Remove remaining "## Sample code" segments, and f possible to show examples that need to change the ap templates (although they never appeared in the samp
Martin Kustermann kustermann.martin@gmail.com	Use double literals where a double type is expected (#
Jonah Williams jonahwilliams@google.com	Add basic codegen app to be used for integration test
Jonah Williams jonahwilliams@google.com	add ui.Window fallback to TestViewConfiguration (#27
Jonah Williams jonahwilliams@google.com	Wire dart2js through flutter tool, add compilation test

In `flutter/flutter` there were 647 commits

Labels Addressed by Label

Label	Number of Issues
Work in progress (WIP)	1 issue with this label
	flutter/engine#8274 [ui] Add null check in FontWeight.lerp
a: accessibility	1 issue with this label
	flutter/flutter#29342 Add semantic label finders
a: animation	5 issues with this label
	flutter/flutter#30276 Random trivial fixes in the animation packages
	flutter/flutter#29069 Heroes and nested Navigators
	flutter/flutter#27803 Added sample code to AnimatedWidget
	flutter/flutter#28006 Re-apply "Ensure all curves return 0 and 1 in .transform(t) when t=0/1"
	flutter/flutter#27929 Use double literals where a double type is expected
a: debugging	1 issue with this label
	flutter/flutter#27904 Convert PointerEvent's toString to Diagnosticable
a: desktop	5 issues with this label
	flutter/flutter#30938 Update keycodes, fix a comment.
	flutter/flutter#30648 Allow downloading of desktop embedding artifacts
	flutter/flutter#30643 Add Form.onSaved
	flutter/flutter#29993 Adds the keyboard mapping for Linux
	flutter/flutter#29231 Adds macOS raw keyboard mapping

a: existing-apps	1 issue with this label
	flutter/flutter#27712 add2app test
a: fidelity	3 issues with this label
	flutter/flutter#30991 Use full height of the glyph for caret height on Android
	flutter/flutter#28597 Adjust remaining Cupertino route animations to match native
	flutter/flutter#27711 Make extended FAB's icon optional
a: first hour	1 issue with this label
	flutter/flutter#30562 Replace flutter.io with flutter.dev
a: internationalization	1 issue with this label
	flutter/flutter#27945 Fixes crossAxisSpacing overflow in RTL
a: quality	1 issue with this label
	flutter/flutter#30562 Replace flutter.io with flutter.dev
a: tests	23 issues with this label
	flutter/flutter#30857 Added support for authentication codes for the VM service.
	flutter/flutter#30898 Check that ErrorWidget.builder is not modified after test
	flutter/flutter#30985 Add rrect contains microbenchmark
	flutter/flutter#30871 Update the upload key which seems to have trouble for some reason
	flutter/flutter#30747 Print warning if flutter drive is run in debug
	flutter/flutter#29669 Speed up CI via mojave-flutter image
	flutter/flutter#29467 prevent stream notifications from interfering with reload
	flutter/flutter#29342 Add semantic label finders
	flutter/flutter#29566 Manually roll engine to 5088735e5f
	flutter/flutter#29340 guard new formatter behind env var
	flutter/flutter#27971 Run non-perf sensitive tests on Cirrus
	flutter/flutter#29025 print system time on all mac builds
	flutter/flutter#25202 fix #19175 How should addTime be used from a test?
	flutter/flutter#28297 Test reporter
	flutter/flutter#28852 Update macOS version in tests
	flutter/flutter#28638 Fix the test annotation used for test groups

	[flutter/flutter#28555](#) disable dart2js test
	[flutter/flutter#28480](#) increase timeout
	[flutter/flutter#28168](#) [flutter_tool,fuchsia_tester] Only require a test source dir for coverage
	[flutter/flutter#27944](#) Add tests
	[flutter/flutter#28373](#) Mark non-flaky test as such
	[flutter/flutter#27712](#) add2app test
	[flutter/flutter#27987](#) add ui.Window fallback to TestViewConfiguration
a: text input	**12 issues with this label**
	[flutter/flutter#30991](#) Use full height of the glyph for caret height on Android
	[flutter/flutter#28001](#) CupertinoTextField: added ability to change placeholder color
	[flutter/flutter#29395](#) Fix text selection when user is dragging in the opposite direction
	[flutter/flutter#27205](#) Fix TextField height issues
	[flutter/flutter#28169](#) Add/rewrite tests for FocusScope.
	[flutter/flutter#28290](#) Text selection via mouse
	[flutter/flutter#28558](#) Fix typo
	[flutter/flutter#28438](#) PC keyboard not works on text fields in emulator when on master branch.
	[flutter/flutter#28242](#) Add long-press-move support for text fields 2
	[flutter/flutter#27898](#) Add slight clarification to debugDeterministicCursor
	[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max
	[flutter/flutter#28032](#) Revert 26001
a: typography	**4 issues with this label**
	[flutter/flutter#30991](#) Use full height of the glyph for caret height on Android
	[flutter/flutter#28751](#) Expose decorationThickness in TextStyle. Roll engine (12 commits)
	[flutter/flutter#28398](#) fix red build for analysis
	[flutter/flutter#28182](#) Add TextOverflow.visible
affects: dev experience	**1 issue with this label**
	[flutter/engine#7908](#) Link dart:* sources into engine for debugger source support
affects: docs	**3 issues with this label**

	flutter/engine#8617 Fixes a typo in comment
	flutter/engine#8472 [Docs] Correcting link to contributing guide.
	flutter/engine#8295 Fixing links between higher and lower classes.
affects: engine	**1 issue with this label**
	flutter/engine#7908 Link dart:* sources into engine for debugger source support
area-analyzer	**1 issue with this label**
	dart-lang/sdk#35940 Dartanalyzer: Missing line/column information, Unexpected error for int-to-double cast
cla: no	**2 issues with this label**
	flutter/flutter#27205 Fix TextField height issues
	flutter/flutter#28159 [Material] Expand BottomNavigationBar API (reprise)
customer: dream (g3)	**1 issue with this label**
	flutter/flutter#29532 Reland composite physical layers on all platforms
customer: fuchsia	**3 issues with this label**
	flutter/flutter#30458 [fuchsia] Fix isolate filter
	flutter/flutter#29532 Reland composite physical layers on all platforms
	flutter/flutter#29454 Update another SDK constraint
d: api docs	**36 issues with this label**
	flutter/flutter#30887 Add more dialog doc cross-reference
	flutter/flutter#30814 Fix StatefulWidget and StatelessWidget Sample Documentation
	flutter/flutter#30805 Update ExpansionPanelList Samples with Scaffold Template
	flutter/flutter#30537 Embedded images and added variations to ListTile sample code
	flutter/flutter#30626 Add sample for ValueListenable
	flutter/flutter#30563 Fixed a typo in the Expanded API doc
	flutter/flutter#30343 ExpansionPanelList and ExpansionPanelList.radio documentation
	flutter/flutter#30398 Embedding new raised button diagram.
	flutter/flutter#30453 Updating sample code for BottomNavigationBar class for diagram.
	flutter/flutter#30452 Moar Videos
	flutter/flutter#30451 Bump dartdocs to 0.28.3
	flutter/flutter#30348 RaisedButton Sample Code Update for Diagrams

	[flutter/flutter#30201](#) update sample code analyzer regexp & test case
	[flutter/flutter#30048](#) Document that Hero needs to be present on destination page's zero frame
	[flutter/flutter#29697](#) Embedding new diagrams for API Docs
	[flutter/flutter#29987](#) update CupertinoSwitch documentation
	[flutter/flutter#22859](#) Provide links between dart:ui classes and their corresponding classes in higher layers
	[flutter/flutter#29445](#) Add doc about MediaQuery to Chip
	[flutter/flutter#13637](#) Add images and examples to Align
	[flutter/flutter#29442](#) Align Snippet for API Docs
	[flutter/flutter#29245](#) Fix DartDoc for UniqueKey
	[flutter/flutter#29165](#) Docs edit for Tab Label Color
	[flutter/flutter#29053](#) Update to Container Sample Code in API Docs
	[flutter/flutter#28857](#) Form Snippet for API Docs
	[flutter/flutter#21136](#) Request sample code for popular API docs
	[flutter/flutter#28675](#) Update docs for ancestorWidgetOfExactType
	[flutter/flutter#28752](#) FAB Snippet for API Docs
	[flutter/flutter#28748](#) Revert "Remove the old HaTS implementation on API docs"
	[flutter/flutter#28683](#) Remove the old HaTS implementation on API docs
	[flutter/flutter#27751](#) Add Sample code for FlatButton #21136
	[flutter/flutter#28558](#) Fix typo
	[flutter/flutter#28245](#) [Typo] Update 'use' to 'user'
	[flutter/flutter#28017](#) Add more docs to BackdropFilter
	[flutter/flutter#27803](#) Added sample code to AnimatedWidget
	[flutter/flutter#27305](#) Outline for survey implementation
	[flutter/flutter#27793](#) Remove remaining "## Sample code" segments, and fix the snippet generator.
d: examples	**8 issues with this label**
	[flutter/flutter#30398](#) Embedding new raised button diagram.
	[flutter/flutter#30453](#) Updating sample code for BottomNavigationBar class for diagram.
	[flutter/flutter#30348](#) RaisedButton Sample Code Update for Diagrams

	flutter/flutter#29697 Embedding new diagrams for API Docs
	flutter/flutter#29442 Align Snippet for API Docs
	flutter/flutter#29053 Update to Container Sample Code in API Docs
	flutter/flutter#28857 Form Snippet for API Docs
	flutter/flutter#28752 FAB Snippet for API Docs
e: desktop	**5 issues with this label**
	flutter/flutter#31283 Add desktop workflows to doctor
	flutter/flutter#31229 Add flutter run support for linux and windows
	flutter/flutter#31277 pass track widget creation flag through to build script
	flutter/flutter#31218 Add run capability for macOS target
	flutter/flutter#31205 Add desktop projects and build commands (experimental)
easy fix	**3 issues with this label**
	flutter/flutter#21136 Request sample code for popular API docs
	flutter/flutter#7738 Allow for more flexible unselected label color parameter in TabBar
	flutter/engine#8472 [Docs] Correcting link to contributing guide.
engine	**3 issues with this label**
	flutter/flutter#14704 Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory
	flutter/flutter#28651 Cannot execute operation because FlutterJNI is not attached to native.
	flutter/flutter#27712 add2app test
f: cupertino	**20 issues with this label**
	flutter/flutter#31088 Text field scroll physics
	flutter/flutter#30946 Add some more cupertino icons
	flutter/flutter#29451 Added opacity to cupertino switch when disabled
	flutter/flutter#30862 CupertinoDatePicker initialDateTime accounts for minuteInterval
	flutter/flutter#29822 Cupertino localization step 7: modularize material specific things out of gen_localizations.dart
	flutter/flutter#30527 Cupertino localization step 11: add more translation clarifications in the instructions
	flutter/flutter#29767 Cupertino localization step 6: add a GlobalCupertinoLocalizations base class with date time formatting
	flutter/flutter#29708 Cupertino localization step 5: add french arb as translated

	example
	[flutter/flutter#28001](#) CupertinoTextField: added ability to change placeholder color
	[flutter/flutter#29821](#) Cupertino localization step 1.5: fix a resource mismatch in cupertino_en.arb
	[flutter/flutter#29946](#) Let CupertinoPageScaffold have tap status bar to scroll to top
	[flutter/flutter#29987](#) update CupertinoSwitch documentation
	[flutter/flutter#29943](#) Remove unwanted gap between navigation bar and safe area's child
	[flutter/flutter#29630](#) Add heart shapes to CupertinoIcons
	[flutter/flutter#28597](#) Adjust remaining Cupertino route animations to match native
	[flutter/flutter#29463](#) Make real JSON in arb
	[flutter/flutter#28900](#) Add key support to cupertino button
	[flutter/flutter#28855](#) Move material iOS back swipe test to material
	[flutter/flutter#28242](#) Add long-press-move support for text fields 2
	[flutter/flutter#28032](#) Revert 26001
f: gestures	**6 issues with this label**
	[flutter/flutter#28749](#) Add minimum time gap requirement to double tap
	[flutter/flutter#28290](#) Text selection via mouse
	[flutter/flutter#28546](#) Call onTapCancel when down pointer gets cancelled
	[flutter/flutter#28242](#) Add long-press-move support for text fields 2
	[flutter/flutter#27904](#) Convert PointerEvent's toString to Diagnosticable
	[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max
f: material design	**44 issues with this label**
	[flutter/flutter#31088](#) Text field scroll physics
	[flutter/flutter#29390](#) Make expansion panel optionally toggle its state by tapping its header.
	[flutter/flutter#30746](#) Baseline Aligned Row
	[flutter/flutter#30793](#) Revert "Add Form.onSaved"
	[flutter/flutter#30525](#) Fix cursor outside of input width
	[flutter/flutter#30805](#) Update ExpansionPanelList Samples with Scaffold Template
	[flutter/flutter#30537](#) Embedded images and added variations to ListTile sample code

flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen	
flutter/flutter#30497 Add confirmDismiss example to flutter_gallery	
flutter/flutter#30475 Trackpad mode crash fix	
flutter/flutter#29413 Fix MaterialApp's _navigatorObserver when only builder used	
flutter/flutter#30343 ExpansionPanelList and ExpansionPanelList.radio documentation	
flutter/flutter#27217 Fix Shrine overscroll glow indicator	
flutter/flutter#30353 Fix minor typo	
flutter/flutter#30212 Added assert to prevent complete ListTile trailing/leading horizontal expansion	
flutter/flutter#30123 Fix OutlineInputBorder crash	
flutter/flutter#30219 Added helpful Material assert message	
flutter/flutter#29771 Set Max Height for ListTile trailing and leading widgets	
flutter/flutter#30048 Document that Hero needs to be present on destination page's zero frame	
flutter/flutter#29811 TextField Validator Height Docs	
flutter/flutter#29980 Fix issue with account drawer header arrow rotating when setState is called	
flutter/flutter#29563 Avoid flickering while dragging to select text	
flutter/flutter#29138 Update DropdownButton underline to be customizable	
flutter/flutter#28735 [Material] Create a FloatingActionButton ThemeData and honor it within the FloatingActionButton	
flutter/flutter#29564 Update progress indicator API docs	
flutter/flutter#29445 Add doc about MediaQuery to Chip	
flutter/flutter#29183 Implement labelPadding configuration in TabBarTheme	
flutter/flutter#29165 Docs edit for Tab Label Color	
flutter/flutter#29175 Ensure that animated pairs of Tabs TextStyles have matching inherited values	
flutter/flutter#28752 FAB Snippet for API Docs	
flutter/flutter#27751 Add Sample code for FlatButton #21136	
flutter/flutter#28558 Fix typo	
flutter/flutter#28013 [Material] Unit test for skipping Slider tick mark due to overdensity	
flutter/flutter#21834 Add shapeBorder option on App Bar	

	[flutter/flutter#28242](#) Add long-press-move support for text fields 2
	[flutter/flutter#28371](#) Ensure that the DropdownButton menu respects its parents bounds
	[flutter/flutter#28214](#) [Material] Add the ability to theme trailing app bar actions independently from leading
	[flutter/flutter#28245](#) [Typo] Update 'use' to 'user'
	[flutter/flutter#28163](#) [Material] Add ability to set shadow color and selected shadow color for chips and for chip themes
	[flutter/flutter#27711](#) Make extended FAB's icon optional
	[flutter/flutter#28159](#) [Material] Expand BottomNavigationBar API (reprise)
	[flutter/flutter#28032](#) Revert 26001
	[flutter/flutter#28216](#) Fix 'to to'
	[flutter/flutter#27973](#) Add extendBody parameter to Scaffold, body MediaQuery reflects BAB height
f: routes	**1 issue with this label**
	[flutter/flutter#28597](#) Adjust remaining Cupertino route animations to match native
f: scrolling	**2 issues with this label**
	[flutter/flutter#27945](#) Fixes crossAxisSpacing overflow in RTL
	[flutter/flutter#27433](#) Fix issue where SliverPersistentHeader that is both floating and pinned would scroll down when scrolling past the beginning of the ScrollView
framework	**144 issues with this label**
	[flutter/flutter#31088](#) Text field scroll physics
	[flutter/flutter#29390](#) Make expansion panel optionally toggle its state by tapping its header.
	[flutter/flutter#30422](#) Commit a navigator.pop as soon as the back swipe is lifted
	[flutter/flutter#30946](#) Add some more cupertino icons
	[flutter/flutter#31159](#) Revert "Use full height of the glyph for caret height on Android"
	[flutter/flutter#30938](#) Update keycodes, fix a comment.
	[flutter/flutter#30898](#) Check that ErrorWidget.builder is not modified after test
	[flutter/flutter#30809](#) Fix issue 23527: Exception: RenderViewport exceeded its maximum numb...
	[flutter/flutter#30746](#) Baseline Aligned Row
	[flutter/flutter#30880](#) Let `sliver.dart _createErrorWidget` work with other Widgets

flutter/flutter#30862 CupertinoDatePicker initialDateTime accounts for minuteInterval	
flutter/flutter#30876 Simplify toImage future handling	
flutter/flutter#30470 Fixed Table flex column layout error #30437	
flutter/flutter#30667 Fix additional @mustCallSuper indirect overrides and mixins	
flutter/flutter#30643 Add Form.onSaved	
flutter/flutter#30793 Revert "Add Form.onSaved"	
flutter/flutter#30414 Remove pressure customization from some pointer events	
flutter/flutter#30525 Fix cursor outside of input width	
flutter/flutter#29822 Cupertino localization step 7: modularize material specific things out of gen_localizations.dart	
flutter/flutter#30814 Fix StatefulWidget and StatelessWidget Sample Documentation	
flutter/flutter#30527 Cupertino localization step 11: add more translation clarifications in the instructions	
flutter/flutter#30805 Update ExpansionPanelList Samples with Scaffold Template	
flutter/flutter#30537 Embedded images and added variations to ListTile sample code	
flutter/flutter#30760 fix cast NPE in invokeListMethod and invokeMapMethod	
flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen	
flutter/flutter#30640 Add const Border.uniformSide()	
flutter/flutter#30644 Make FormField._validate() return void	
flutter/flutter#30645 Add docs to FormFieldValidator	
flutter/flutter#30626 Add sample for ValueListenable	
flutter/flutter#30563 Fixed a typo in the Expanded API doc	
flutter/flutter#30513 Fix issue 21640: Assertion Error : '_listenerAttached': is not true	
flutter/flutter#30305 shorter nullable list duplications	
flutter/flutter#30475 Trackpad mode crash fix	
flutter/flutter#29708 Cupertino localization step 5: add french arb as translated example	
flutter/flutter#29413 Fix MaterialApp's _navigatorObserver when only builder used	
flutter/flutter#29998 Fix edge cases of PointerEventConverter	
flutter/flutter#30343 ExpansionPanelList and ExpansionPanelList.radio documentation	
flutter/flutter#27217 Fix Shrine overscroll glow indicator	

[flutter/flutter#30275](#) Implement compute for async function (#16265)	
[flutter/flutter#30398](#) Embedding new raised button diagram.	
[flutter/flutter#30453](#) Updating sample code for BottomNavigationBar class for diagram.	
[flutter/flutter#30276](#) Random trivial fixes in the animation packages	
[flutter/flutter#30463](#) Revert "Error message for setting shaderWarmUp too late (#30145)"	
[flutter/flutter#30452](#) Moar Videos	
[flutter/flutter#30451](#) Bump dartdocs to 0.28.3	
[flutter/flutter#30058](#) Draggable Scrollable sheet	
[flutter/flutter#30353](#) Fix minor typo	
[flutter/flutter#30348](#) RaisedButton Sample Code Update for Diagrams	
[flutter/flutter#30304](#) no need .toList() before .join()	
[flutter/flutter#30212](#) Added assert to prevent complete ListTile trailing/leading horizontal expansion	
[flutter/flutter#30227](#) Simplify logic of TapGestureRecognizer	
[flutter/flutter#30123](#) Fix OutlineInputBorder crash	
[flutter/flutter#30219](#) Added helpful Material assert message	
[flutter/flutter#29771](#) Set Max Height for ListTile trailing and leading widgets	
[flutter/flutter#29993](#) Adds the keyboard mapping for Linux	
[flutter/flutter#29860](#) Move binarySearch to foundation.	
[flutter/flutter#30048](#) Document that Hero needs to be present on destination page's zero frame	
[flutter/flutter#28001](#) CupertinoTextField: added ability to change placeholder color	
[flutter/flutter#29821](#) Cupertino localization step 1.5: fix a resource mismatch in cupertino_en.arb	
[flutter/flutter#29697](#) Embedding new diagrams for API Docs	
[flutter/flutter#29987](#) update CupertinoSwitch documentation	
[flutter/flutter#29811](#) TextField Validator Height Docs	
[flutter/flutter#29943](#) Remove unwanted gap between navigation bar and safe area's child	
[flutter/flutter#22859](#) Provide links between dart:ui classes and their corresponding classes in higher layers	
[flutter/flutter#29929](#) Remove tranparent paint hack from BackdropFilter	

	[flutter/flutter#29630](#) Add heart shapes to CupertinoIcons
	[flutter/flutter#29563](#) Avoid flickering while dragging to select text
	[flutter/flutter#29701](#) Reland composite physical layers for all platforms
	[flutter/flutter#28735](#) [Material] Create a FloatingActionButton ThemeData and honor it within the FloatingActionButton
	[flutter/flutter#29532](#) Reland composite physical layers on all platforms
	[flutter/flutter#29623](#) Revert "Reland composite physical layers on all platforms"
	[flutter/flutter#29564](#) Update progress indicator API docs
	[flutter/flutter#29566](#) Manually roll engine to 5088735e5f
	[flutter/flutter#29463](#) Make real JSON in arb
	[flutter/flutter#29231](#) Adds macOS raw keyboard mapping
	[flutter/flutter#29445](#) Add doc about MediaQuery to Chip
	[flutter/flutter#13637](#) Add images and examples to Align
	[flutter/flutter#29442](#) Align Snippet for API Docs
	[flutter/flutter#29395](#) Fix text selection when user is dragging in the opposite direction
	[flutter/flutter#28470](#) Throw assertion error when a Hero has a Hero child.
	[flutter/flutter#29183](#) Implement labelPadding configuration in TabBarTheme
	[flutter/flutter#29329](#) Error message when TextSelectionOverlay finds no Overlay
	[flutter/flutter#28919](#) Always composite PhysicalModels
	[flutter/flutter#28751](#) Expose decorationThickness in TextStyle. Roll engine (12 commits)
	[flutter/flutter#29245](#) Fix DartDoc for UniqueKey
	[flutter/flutter#29165](#) Docs edit for Tab Label Color
	[flutter/flutter#29179](#) No image shader caching in default shader warm-up
	[flutter/flutter#29175](#) Ensure that animated pairs of Tabs TextStyles have matching inherited values
	[flutter/flutter#29069](#) Heroes and nested Navigators
	[flutter/flutter#28953](#) Include platformViewId in semantics tree
	[flutter/flutter#29054](#) Deprecate profile()
	[flutter/flutter#29053](#) Update to Container Sample Code in API Docs
	[flutter/flutter#27971](#) Run non-perf sensitive tests on Cirrus
	[flutter/flutter#27205](#) Fix TextField height issues

	flutter/flutter#29051 fix block formatting
	flutter/flutter#28900 Add key support to cupertino button
	flutter/flutter#28169 Add/rewrite tests for FocusScope.
	flutter/flutter#28857 Form Snippet for API Docs
	flutter/flutter#21136 Request sample code for popular API docs
	flutter/flutter#28951 Quick fix for shader warm up
	flutter/flutter#28749 Add minimum time gap requirement to double tap
	flutter/flutter#28855 Move material iOS back swipe test to material
	flutter/flutter#25202 fix #19175 How should addTime be used from a test?
	flutter/flutter#28944 fix missing variable name
	flutter/flutter#27811 set literal conversions
	flutter/flutter#28675 Update docs for ancestorWidgetOfExactType
	flutter/flutter#28809 fix some formatting issues
	flutter/flutter#28666 Make RenderUiKitView reject absorbed touch events
	flutter/flutter#28752 FAB Snippet for API Docs
	flutter/flutter#28661 Use a simpler implementation of Diagnosticable.toString when running in profile/release mode
	flutter/flutter#28736 Avoid the overhead of instantiating a generator in paintImage
	flutter/flutter#28638 Fix the test annotation used for test groups
	flutter/flutter#28290 Text selection via mouse
	flutter/flutter#28709 improve error messages on Text constructors
	flutter/flutter#27751 Add Sample code for FlatButton #21136
	flutter/flutter#28546 Call onTapCancel when down pointer gets cancelled
	flutter/flutter#28537 Reland "Shader warm up (#27660)"
	flutter/flutter#28013 [Material] Unit test for skipping Slider tick mark due to overdensity
	flutter/flutter#28438 PC keyboard not works on text fields in emulator when on master branch.
	flutter/flutter#21834 Add shapeBorder option on App Bar
	flutter/flutter#28242 Add long-press-move support for text fields 2
	flutter/flutter#27904 Convert PointerEvent's toString to Diagnosticable
	flutter/flutter#28371 Ensure that the DropdownButton menu respects its parents

	bounds
	[flutter/flutter#28214](#) [Material] Add the ability to theme trailing app bar actions independently from leading
	[flutter/flutter#28245](#) [Typo] Update 'use' to 'user'
	[flutter/flutter#28017](#) Add more docs to BackdropFilter
	[flutter/flutter#28398](#) fix red build for analysis
	[flutter/flutter#28163](#) [Material] Add ability to set shadow color and selected shadow color for chips and for chip themes
	[flutter/flutter#27711](#) Make extended FAB's icon optional
	[flutter/flutter#27898](#) Add slight clarification to debugDeterministicCursor
	[flutter/flutter#28159](#) [Material] Expand BottomNavigationBar API (reprise)
	[flutter/flutter#28172](#) Add backgroundColor argument to TextStyle for convenience
	[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max
	[flutter/flutter#27803](#) Added sample code to AnimatedWidget
	[flutter/flutter#27945](#) Fixes crossAxisSpacing overflow in RTL
	[flutter/flutter#27433](#) Fix issue where SliverPersistentHeader that is both floating and pinned would scroll down when scrolling past the beginning of the ScrollView
	[flutter/flutter#28182](#) Add TextOverflow.visible
	[flutter/flutter#28032](#) Revert 26001
	[flutter/flutter#27953](#) Add outer try block for obtainKey errors. Add docs.
	[flutter/flutter#28216](#) Fix 'to to'
	[flutter/flutter#7738](#) Allow for more flexible unselected label color parameter in TabBar
	[flutter/flutter#27973](#) Add extendBody parameter to Scaffold, body MediaQuery reflects BAB height
	[flutter/flutter#28006](#) Re-apply "Ensure all curves return 0 and 1 in .transform(t) when t=0/1"
	[flutter/flutter#27929](#) Use double literals where a double type is expected
p1-high	**1 issue with this label**
	[dart-lang/sdk#35940](#) Dartanalyzer: Missing line/column information, Unexpected error for int-to-double cast
platform-ios	**1 issue with this label**
	[flutter/engine#8202](#) [platform_view] iOSP platformView composition optimize.
prod: API break	**1 issue with this label**

	[flutter/engine#8274](#) [ui] Add null check in FontWeight.lerp	
severe: API break	**6 issues with this label**	
	[flutter/flutter#30991](#) Use full height of the glyph for caret height on Android	
	[flutter/flutter#30414](#) Remove pressure customization from some pointer events	
	[flutter/flutter#28919](#) Always composite PhysicalModels	
	[flutter/flutter#28953](#) Include platformViewId in semantics tree	
	[flutter/flutter#28242](#) Add long-press-move support for text fields 2	
	[flutter/flutter#28032](#) Revert 26001	
severe: crash	**1 issue with this label**	
	[flutter/flutter#28651](#) Cannot execute operation because FlutterJNI is not attached to native.	
severe: new feature	**1 issue with this label**	
	[flutter/flutter#29390](#) Make expansion panel optionally toggle its state by tapping its header.	
severe: performance	**5 issues with this label**	
	[flutter/flutter#30990](#) Allow profile widget builds in profile mode	
	[flutter/flutter#30985](#) Add rrect contains microbenchmark	
	[flutter/flutter#14704](#) Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory	
	[flutter/flutter#8150](#) complex_layout_srcroll_perf__memory diff_total_kb regression	
	[flutter/flutter#28537](#) Reland "Shader warm up (#27660)"	
severe: regression	**3 issues with this label**	
	[flutter/flutter#28651](#) Cannot execute operation because FlutterJNI is not attached to native.	
	[flutter/flutter#8150](#) complex_layout_srcroll_perf__memory diff_total_kb regression	
	[flutter/flutter#28438](#) PC keyboard not works on text fields in emulator when on master branch.	
t: flutter doctor	**1 issue with this label**	
	[flutter/flutter#8094](#) Flutter doesn't find xcode 8.2	
t: flutter driver	**3 issues with this label**	
	[flutter/flutter#30747](#) Print warning if flutter drive is run in debug	
	[flutter/flutter#29342](#) Add semantic label finders	

	[flutter/flutter#27709](#) Increase our build budget to 16ms
t: gradle	**4 issues with this label**
	[flutter/flutter#28097](#) Allow for gradle downloading missing SDK assets
	[flutter/flutter#28355](#) Reland "Allow for gradle downloading missing SDK assets" (#28097)
	[flutter/flutter#27754](#) Add support for binary compression of dynamic patches by the flutter tool.
	[flutter/flutter#28031](#) Revert "Add support for binary compression of dynamic patches by the flutter tool. (#27754)"
t: hot reload	**2 issues with this label**
	[flutter/flutter#29693](#) Use source list from the compiler to track invalidated files for hot reload.
	[flutter/flutter#28152](#) Improve hot reload performance
t: xcode	**1 issue with this label**
	[flutter/flutter#27765](#) Refactor local engine logic
team	**55 issues with this label**
	[flutter/flutter#30990](#) Allow profile widget builds in profile mode
	[flutter/flutter#30832](#) Bump Android build tools to 28.0.3 in Dockerfile
	[flutter/flutter#30871](#) Update the upload key which seems to have trouble for some reason
	[flutter/flutter#30455](#) Prevent vertical scroll in shrine by ensuring card size fits the screen
	[flutter/flutter#25164](#) Pan and zoom gallery demo
	[flutter/flutter#27217](#) Fix Shrine overscroll glow indicator
	[flutter/flutter#30460](#) Fix gallery API doc URL launcher
	[flutter/flutter#30201](#) update sample code analyzer regexp & test case
	[flutter/flutter#29621](#) Update PULL_REQUEST_TEMPLATE.md
	[flutter/flutter#30019](#) Update to latest matcher
	[flutter/flutter#29908](#) Update Twitter handle @flutterio -> @FlutterDev
	[flutter/flutter#29632](#) Enable platform views for Flutter Gallery on iOS.
	[flutter/flutter#29669](#) Speed up CI via mojave-flutter image
	[flutter/flutter#29467](#) prevent stream notifications from interfering with reload
	[flutter/flutter#29619](#) make literals const for @immutable constructors

	flutter/flutter#29454 Update another SDK constraint
	flutter/flutter#29340 guard new formatter behind env var
	flutter/flutter#29229 Install JDK and Android SDK only for integration tests
	flutter/flutter#29126 Cause `flutter analyze` to fail if the analysis server experienced an error.
	flutter/flutter#27971 Run non-perf sensitive tests on Cirrus
	flutter/flutter#29051 fix block formatting
	flutter/flutter#29025 print system time on all mac builds
	flutter/flutter#28297 Test reporter
	flutter/flutter#27811 set literal conversions
	flutter/flutter#28852 Update macOS version in tests
	flutter/flutter#28809 fix some formatting issues
	flutter/flutter#28748 Revert "Remove the old HaTS implementation on API docs"
	flutter/flutter#28658 Include git output into error message from channel command
	flutter/flutter#28673 Add missing trailing commas
	flutter/flutter#28555 disable dart2js test
	flutter/flutter#28369 Add LICENSE test to presubmit checks
	flutter/flutter#28480 increase timeout
	flutter/flutter#28343 pass --skip-build-script-checks and remove module usage
	flutter/flutter#28334 Remove unused --packages argument to gen_snapshot.
	flutter/flutter#28482 Fuschia -> Fuchsia
	flutter/flutter#28175 Only call Activity.reportFullyDrawn on Lollipop or above
	flutter/flutter#28370 Removed trailing whitespace from the end of the CI config
	flutter/flutter#28373 Mark non-flaky test as such
	flutter/flutter#28125 [Gallery] Fortnightly demo moved from flutter/samples.
	flutter/flutter#28400 update packages
	flutter/flutter#28215 Minor UI tweaks to Cards demo based on internal feedback
	flutter/flutter#28291 Reland #27754, now that bsdiff has moved to flutter/packages.
	flutter/flutter#28171 deploy to .dev firebase projects.
	flutter/flutter#28281 Reduce memory benchmark perf tests outer loop to 10.
	flutter/flutter#27261 format parameter list

	flutter/flutter#24889 Update AUTHORS
	flutter/flutter#28238 Remove set literal syntax
	flutter/flutter#28235 Remove line breaks from PR template
	flutter/flutter#26376 removed image with 404
	flutter/flutter#28224 Adds a template for Pull Requests
	flutter/flutter#28040 Remove json_schema and cli_util deps from flutter_tool
	flutter/flutter#27305 Outline for survey implementation
	flutter/flutter#28024 Disable prefer_collection_literals in the analyzer until we can update to using set literals
	flutter/flutter#27793 Remove remaining "## Sample code" segments, and fix the snippet generator.
	flutter/flutter#27929 Use double literals where a double type is expected
team: flakes	1 issue with this label
	flutter/flutter#28480 increase timeout
team: gallery	11 issues with this label
	flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen
	flutter/flutter#30497 Add confirmDismiss example to flutter_gallery
	flutter/flutter#25164 Pan and zoom gallery demo
	flutter/flutter#27217 Fix Shrine overscroll glow indicator
	flutter/flutter#30460 Fix gallery API doc URL launcher
	flutter/flutter#29908 Update Twitter handle @flutterio -> @FlutterDev
	flutter/flutter#29632 Enable platform views for Flutter Gallery on iOS.
	flutter/flutter#25202 fix #19175 How should addTime be used from a test?
	flutter/flutter#28175 Only call Activity.reportFullyDrawn on Lollipop or above
	flutter/flutter#28125 [Gallery] Fortnightly demo moved from flutter/samples.
	flutter/flutter#28215 Minor UI tweaks to Cards demo based on internal feedback
tool	72 issues with this label
	flutter/flutter#30857 Added support for authentication codes for the VM service.
	flutter/flutter#31283 Add desktop workflows to doctor
	flutter/flutter#31229 Add flutter run support for linux and windows
	flutter/flutter#31277 pass track widget creation flag through to build script

flutter/flutter#31171 Allow disabling all fingerprint caches via environment variable	
flutter/flutter#31205 Add desktop projects and build commands (experimental)	
flutter/flutter#31073 Fuchsia step 1: add SDK version file and artifact download	
flutter/flutter#31064 Add sorting to flutter version command	
flutter/flutter#31063 Download and handle product version of flutter patched sdk	
flutter/flutter#31074 make flutterProject option of CoverageCollector optional	
flutter/flutter#30818 New flag to `flutter drive` to skip installing fresh app on device	
flutter/flutter#30811 Make coverage, like, really fast	
flutter/flutter#14704 Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory	
flutter/flutter#30867 Add toggle for debugProfileWidgetBuilds	
flutter/flutter#30648 Allow downloading of desktop embedding artifacts	
flutter/flutter#30235 Warn on uncomitted changes	
flutter/flutter#30115 Forward missing pub commands	
flutter/flutter#30578 Mark ios-deploy version 2.0.0 as bad	
flutter/flutter#30458 [fuchsia] Fix isolate filter	
flutter/flutter#30201 update sample code analyzer regexp & test case	
flutter/flutter#30218 [fuchsia_tester] Plumb through the location of icudtl	
flutter/flutter#30075 Ensure that flutter run/drive/test/update_packages only downloads required artifacts	
flutter/flutter#30071 Move spinner `_defaultSlowWarning` message to a new line	
flutter/flutter#29938 Pass FLUTTER_TOOL_ARGS to snapshot command.	
flutter/flutter#29768 Directly depend on frontend_server tool in fuchsia_attach	
flutter/flutter#29783 Fix cache location, artifacts, and re-enable dart2js test	
flutter/flutter#29818 dont fail build if codegen fails	
flutter/flutter#29192 Update upgrade to rebase and stash local changes.	
flutter/flutter#29764 update fuchsia-attach to configure dev_finder location	
flutter/flutter#29721 Use Dart version in script cache check	
flutter/flutter#29399 Enable code generation features in tool (via opt-in)	
flutter/flutter#29699 Fix more tests for ANSI terminals	
flutter/flutter#29469 fix asset reloading	
flutter/flutter#29693 Use source list from the compiler to track invalidated files for hot	

	reload.
	[flutter/flutter#29434](#) Add builders and engine hash to fingerprint
	[flutter/flutter#29625](#) Fix typo in flutter_tools
	[flutter/flutter#29604](#) added friendlier error for invalid AndroidManifest.xml
	[flutter/flutter#29461](#) Remove explicit frame schedule
	[flutter/flutter#29048](#) Use async execution for xcodebuild commands
	[flutter/flutter#29528](#) Ensure that assumed formatting of properties file is correct
	[flutter/flutter#27749](#) Switch flutter_tools from script to app-jit snapshot.
	[flutter/flutter#28152](#) Improve hot reload performance
	[flutter/flutter#29258](#) Add dump-shader-skp flag to flutter tools
	[flutter/flutter#29134](#) Properly escape Android SDK Manager path in error message
	[flutter/flutter#29171](#) Only run codegen at start of flutter_test
	[flutter/flutter#28938](#) Add a `flutter create --list-samples` command
	[flutter/flutter#29126](#) Cause `flutter analyze` to fail if the analysis server experienced an error.
	[flutter/flutter#29062](#) fix windows codegen
	[flutter/flutter#28603](#) select ResidentCompiler during FlutterDevice initialization
	[flutter/flutter#28863](#) Fall-back to platform tools in Android SDK detection logic.
	[flutter/flutter#28658](#) Include git output into error message from channel command
	[flutter/flutter#28356](#) Log pub return code on failure on Windows
	[flutter/flutter#28386](#) remove personal repo and replace with trivial example for smoke test
	[flutter/flutter#28477](#) Fix backspace and clear length in AnsiStatus
	[flutter/flutter#28302](#) Add basic web device and run support
	[flutter/flutter#28168](#) [flutter_tool,fuchsia_tester] Only require a test source dir for coverage
	[flutter/flutter#28334](#) Remove unused --packages argument to gen_snapshot.
	[flutter/flutter#27944](#) Add tests
	[flutter/flutter#28097](#) Allow for gradle downloading missing SDK assets
	[flutter/flutter#28355](#) Reland "Allow for gradle downloading missing SDK assets" (#28097)
	[flutter/flutter#28352](#) only perform multi-root mapping if there are multiple roots

	flutter/flutter#28101 Remove unused --packages argument to gen_snapshot.
	flutter/flutter#28027 Remove extra slash from builder that is not handled on windows
	flutter/flutter#28040 Remove json_schema and cli_util deps from flutter_tool
	flutter/flutter#27754 Add support for binary compression of dynamic patches by the flutter tool.
	flutter/flutter#28031 Revert "Add support for binary compression of dynamic patches by the flutter tool. (#27754)"
	flutter/flutter#27908 Reland automatic discovery of observatory port for iOS
	flutter/flutter#27709 Increase our build budget to 16ms
	flutter/flutter#27765 Refactor local engine logic
	flutter/flutter#28011 Remove accidentally committed libs
	flutter/flutter#27987 add ui.Window fallback to TestViewConfiguration
	flutter/flutter#27668 Wire dart2js through flutter tool, add compilation test
type-bug	**1 issue with this label**
	dart-lang/sdk#35940 Dartanalyzer: Missing line/column information, Unexpected error for int-to-double cast
waiting for PR to land (fixed)	**1 issue with this label**
	flutter/flutter#7999 Consider renaming the Design Principles guide
waiting for tree to go green	**37 issues with this label**
	flutter/flutter#30898 Check that ErrorWidget.builder is not modified after test
	flutter/flutter#30985 Add rrect contains microbenchmark
	flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen
	flutter/flutter#30305 shorter nullable list duplications
	flutter/flutter#30535 Correctly synthesise event buttons
	flutter/flutter#29998 Fix edge cases of PointerEventConverter
	flutter/flutter#30398 Embedding new raised button diagram.
	flutter/flutter#30453 Updating sample code for BottomNavigationBar class for diagram.
	flutter/flutter#30276 Random trivial fixes in the animation packages
	flutter/flutter#30463 Revert "Error message for setting shaderWarmUp too late (#30145)"

	[flutter/flutter#28001](#) CupertinoTextField: added ability to change placeholder color
	[flutter/flutter#28597](#) Adjust remaining Cupertino route animations to match native
	[flutter/flutter#29134](#) Properly escape Android SDK Manager path in error message
	[flutter/flutter#28470](#) Throw assertion error when a Hero has a Hero child.
	[flutter/flutter#29245](#) Fix DartDoc for UniqueKey
	[flutter/flutter#29229](#) Install JDK and Android SDK only for integration tests
	[flutter/flutter#29054](#) Deprecate profile()
	[flutter/flutter#28900](#) Add key support to cupertino button
	[flutter/flutter#28970](#) Fix coverage shard and print summary after test run
	[flutter/flutter#28863](#) Fall-back to platform tools in Android SDK detection logic.
	[flutter/flutter#25202](#) fix #19175 How should addTime be used from a test?
	[flutter/flutter#28944](#) fix missing variable name
	[flutter/flutter#28297](#) Test reporter
	[flutter/flutter#28675](#) Update docs for ancestorWidgetOfExactType
	[flutter/flutter#28355](#) Reland "Allow for gradle downloading missing SDK assets" (#28097)
	[flutter/flutter#27712](#) add2app test
	[flutter/flutter#27898](#) Add slight clarification to debugDeterministicCursor
	[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max
	[flutter/flutter#27803](#) Added sample code to AnimatedWidget
	[flutter/flutter#27945](#) Fixes crossAxisSpacing overflow in RTL
	[flutter/flutter#27433](#) Fix issue where SliverPersistentHeader that is both floating and pinned would scroll down when scrolling past the beginning of the ScrollView
	[flutter/flutter#28224](#) Adds a template for Pull Requests
	[flutter/flutter#28182](#) Add TextOverflow.visible
	[flutter/flutter#28040](#) Remove json_schema and cli_util deps from flutter_tool
	[flutter/flutter#27953](#) Add outer try block for obtainKey errors. Add docs.
	[flutter/flutter#27908](#) Reland automatic discovery of observatory port for iOS
	[flutter/engine#8074](#) Add script to help generate PR messages
⌘ **platform-mac**	**2 issues with this label**
	[flutter/flutter#31218](#) Add run capability for macOS target

	flutter/flutter#27908 Reland automatic discovery of observatory port for iOS
⬖ platform-ios	4 issues with this label
	flutter/flutter#30475 Trackpad mode crash fix
	flutter/flutter#8094 Flutter doesn't find xcode 8.2
	flutter/flutter#27908 Reland automatic discovery of observatory port for iOS
	flutter/flutter#27765 Refactor local engine logic
▣ platform-android	5 issues with this label
	flutter/flutter#14704 Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory
	flutter/flutter#29604 added friendlier error for invalid AndroidManifest.xml
	flutter/flutter#28651 Cannot execute operation because FlutterJNI is not attached to native.
	flutter/flutter#28355 Reland "Allow for gradle downloading missing SDK assets" (#28097)
	flutter/flutter#28031 Revert "Add support for binary compression of dynamic patches by the flutter tool. (#27754)"
○ platform-fuchsia	1 issue with this label
	flutter/flutter#28168 [flutter_tool,fuchsia_tester] Only require a test source dir for coverage
⚠ TODAY	2 issues with this label
	flutter/flutter#8150 complex_layout_srcroll_perf__memory diff_total_kb regression
	flutter/flutter#28438 PC keyboard not works on text fields in emulator when on master branch.
◈ platform-windows	1 issue with this label
	flutter/flutter#28356 Log pub return code on failure on Windows

Labels Addressed Sorted by Issue

Label	Number of Issues
framework	144 issues with this label
	flutter/flutter#31088 Text field scroll physics
	flutter/flutter#29390 Make expansion panel optionally toggle its state by tapping its header.
	flutter/flutter#30422 Commit a navigator.pop as soon as the back swipe is lifted

flutter/flutter#30946 Add some more cupertino icons

flutter/flutter#31159 Revert "Use full height of the glyph for caret height on Android"

flutter/flutter#30938 Update keycodes, fix a comment.

flutter/flutter#30898 Check that ErrorWidget.builder is not modified after test

flutter/flutter#30809 Fix issue 23527: Exception: RenderViewport exceeded its maximum numb...

flutter/flutter#30746 Baseline Aligned Row

flutter/flutter#30880 Let `sliver.dart _createErrorWidget` work with other Widgets

flutter/flutter#30862 CupertinoDatePicker initialDateTime accounts for minuteInterval

flutter/flutter#30876 Simplify toImage future handling

flutter/flutter#30470 Fixed Table flex column layout error #30437

flutter/flutter#30667 Fix additional @mustCallSuper indirect overrides and mixins

flutter/flutter#30643 Add Form.onSaved

flutter/flutter#30793 Revert "Add Form.onSaved"

flutter/flutter#30414 Remove pressure customization from some pointer events

flutter/flutter#30525 Fix cursor outside of input width

flutter/flutter#29822 Cupertino localization step 7: modularize material specific things out of gen_localizations.dart

flutter/flutter#30814 Fix StatefulWidget and StatelessWidget Sample Documentation

flutter/flutter#30527 Cupertino localization step 11: add more translation clarifications in the instructions

flutter/flutter#30805 Update ExpansionPanelList Samples with Scaffold Template

flutter/flutter#30537 Embedded images and added variations to ListTile sample code

flutter/flutter#30760 fix cast NPE in invokeListMethod and invokeMapMethod

flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen

flutter/flutter#30640 Add `const Border.uniformSide()`

flutter/flutter#30644 Make FormField._validate() return void

flutter/flutter#30645 Add docs to FormFieldValidator

flutter/flutter#30626 Add sample for ValueListenable

flutter/flutter#30563 Fixed a typo in the Expanded API doc

flutter/flutter#30513 Fix issue 21640: Assertion Error : '_listenerAttached': is not true

	flutter/flutter#30305 shorter nullable list duplications
	flutter/flutter#30475 Trackpad mode crash fix
	flutter/flutter#29708 Cupertino localization step 5: add french arb as translated example
	flutter/flutter#29413 Fix MaterialApp's _navigatorObserver when only builder used
	flutter/flutter#29998 Fix edge cases of PointerEventConverter
	flutter/flutter#30343 ExpansionPanelList and ExpansionPanelList.radio documentation
	flutter/flutter#27217 Fix Shrine overscroll glow indicator
	flutter/flutter#30275 Implement compute for async function (#16265)
	flutter/flutter#30398 Embedding new raised button diagram.
	flutter/flutter#30453 Updating sample code for BottomNavigationBar class for diagram.
	flutter/flutter#30276 Random trivial fixes in the animation packages
	flutter/flutter#30463 Revert "Error message for setting shaderWarmUp too late (#30145)"
	flutter/flutter#30452 Moar Videos
	flutter/flutter#30451 Bump dartdocs to 0.28.3
	flutter/flutter#30058 Draggable Scrollable sheet
	flutter/flutter#30353 Fix minor typo
	flutter/flutter#30348 RaisedButton Sample Code Update for Diagrams
	flutter/flutter#30304 no need .toList() before .join()
	flutter/flutter#30212 Added assert to prevent complete ListTile trailing/leading horizontal expansion
	flutter/flutter#30227 Simplify logic of TapGestureRecognizer
	flutter/flutter#30123 Fix OutlineInputBorder crash
	flutter/flutter#30219 Added helpful Material assert message
	flutter/flutter#29771 Set Max Height for ListTile trailing and leading widgets
	flutter/flutter#29993 Adds the keyboard mapping for Linux
	flutter/flutter#29860 Move binarySearch to foundation.
	flutter/flutter#30048 Document that Hero needs to be present on destination page's zero frame
	flutter/flutter#28001 CupertinoTextField: added ability to change placeholder color
	flutter/flutter#29821 Cupertino localization step 1.5: fix a resource mismatch in

		cupertino_en.arb
		[flutter/flutter#29697](#) Embedding new diagrams for API Docs
		[flutter/flutter#29987](#) update CupertinoSwitch documentation
		[flutter/flutter#29811](#) TextField Validator Height Docs
		[flutter/flutter#29943](#) Remove unwanted gap between navigation bar and safe area's child
		[flutter/flutter#22859](#) Provide links between dart:ui classes and their corresponding classes in higher layers
		[flutter/flutter#29929](#) Remove tranparent paint hack from BackdropFilter
		[flutter/flutter#29630](#) Add heart shapes to CupertinoIcons
		[flutter/flutter#29563](#) Avoid flickering while dragging to select text
		[flutter/flutter#29701](#) Reland composite physical layers for all platforms
		[flutter/flutter#28735](#) [Material] Create a FloatingActionButton ThemeData and honor it within the FloatingActionButton
		[flutter/flutter#29532](#) Reland composite physical layers on all platforms
		[flutter/flutter#29623](#) Revert "Reland composite physical layers on all platforms"
		[flutter/flutter#29564](#) Update progress indicator API docs
		[flutter/flutter#29566](#) Manually roll engine to 5088735e5f
		[flutter/flutter#29463](#) Make real JSON in arb
		[flutter/flutter#29231](#) Adds macOS raw keyboard mapping
		[flutter/flutter#29445](#) Add doc about MediaQuery to Chip
		[flutter/flutter#13637](#) Add images and examples to Align
		[flutter/flutter#29442](#) Align Snippet for API Docs
		[flutter/flutter#29395](#) Fix text selection when user is dragging in the opposite direction
		[flutter/flutter#28470](#) Throw assertion error when a Hero has a Hero child.
		[flutter/flutter#29183](#) Implement labelPadding configuration in TabBarTheme
		[flutter/flutter#29329](#) Error message when TextSelectionOverlay finds no Overlay
		[flutter/flutter#28919](#) Always composite PhysicalModels
		[flutter/flutter#28751](#) Expose decorationThickness in TextStyle. Roll engine (12 commits)
		[flutter/flutter#29245](#) Fix DartDoc for UniqueKey
		[flutter/flutter#29165](#) Docs edit for Tab Label Color

	flutter/flutter#29179 No image shader caching in default shader warm-up
	flutter/flutter#29175 Ensure that animated pairs of Tabs TextStyles have matching inherited values
	flutter/flutter#29069 Heroes and nested Navigators
	flutter/flutter#28953 Include platformViewId in semantics tree
	flutter/flutter#29054 Deprecate profile()
	flutter/flutter#29053 Update to Container Sample Code in API Docs
	flutter/flutter#27971 Run non-perf sensitive tests on Cirrus
	flutter/flutter#27205 Fix TextField height issues
	flutter/flutter#29051 fix block formatting
	flutter/flutter#28900 Add key support to cupertino button
	flutter/flutter#28169 Add/rewrite tests for FocusScope.
	flutter/flutter#28857 Form Snippet for API Docs
	flutter/flutter#21136 Request sample code for popular API docs
	flutter/flutter#28951 Quick fix for shader warm up
	flutter/flutter#28749 Add minimum time gap requirement to double tap
	flutter/flutter#28855 Move material iOS back swipe test to material
	flutter/flutter#25202 fix #19175 How should addTime be used from a test?
	flutter/flutter#28944 fix missing variable name
	flutter/flutter#27811 set literal conversions
	flutter/flutter#28675 Update docs for ancestorWidgetOfExactType
	flutter/flutter#28809 fix some formatting issues
	flutter/flutter#28666 Make RenderUiKitView reject absorbed touch events
	flutter/flutter#28752 FAB Snippet for API Docs
	flutter/flutter#28661 Use a simpler implementation of Diagnosticable.toString when running in profile/release mode
	flutter/flutter#28736 Avoid the overhead of instantiating a generator in paintImage
	flutter/flutter#28638 Fix the test annotation used for test groups
	flutter/flutter#28290 Text selection via mouse
	flutter/flutter#28709 improve error messages on Text constructors
	flutter/flutter#27751 Add Sample code for FlatButton #21136
	flutter/flutter#28546 Call onTapCancel when down pointer gets cancelled

[flutter/flutter#28537](#) Reland "Shader warm up (#27660)"
[flutter/flutter#28013](#) [Material] Unit test for skipping Slider tick mark due to overdensity
[flutter/flutter#28438](#) PC keyboard not works on text fields in emulator when on master branch.
[flutter/flutter#21834](#) Add shapeBorder option on App Bar
[flutter/flutter#28242](#) Add long-press-move support for text fields 2
[flutter/flutter#27904](#) Convert PointerEvent's toString to Diagnosticable
[flutter/flutter#28371](#) Ensure that the DropdownButton menu respects its parents bounds
[flutter/flutter#28214](#) [Material] Add the ability to theme trailing app bar actions independently from leading
[flutter/flutter#28245](#) [Typo] Update 'use' to 'user'
[flutter/flutter#28017](#) Add more docs to BackdropFilter
[flutter/flutter#28398](#) fix red build for analysis
[flutter/flutter#28163](#) [Material] Add ability to set shadow color and selected shadow color for chips and for chip themes
[flutter/flutter#27711](#) Make extended FAB's icon optional
[flutter/flutter#27898](#) Add slight clarification to debugDeterministicCursor
[flutter/flutter#28159](#) [Material] Expand BottomNavigationBar API (reprise)
[flutter/flutter#28172](#) Add backgroundColor argument to TextStyle for convenience
[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max
[flutter/flutter#27803](#) Added sample code to AnimatedWidget
[flutter/flutter#27945](#) Fixes crossAxisSpacing overflow in RTL
[flutter/flutter#27433](#) Fix issue where SliverPersistentHeader that is both floating and pinned would scroll down when scrolling past the beginning of the ScrollView
[flutter/flutter#28182](#) Add TextOverflow.visible
[flutter/flutter#28032](#) Revert 26001
[flutter/flutter#27953](#) Add outer try block for obtainKey errors. Add docs.
[flutter/flutter#28216](#) Fix 'to to'
[flutter/flutter#7738](#) Allow for more flexible unselected label color parameter in TabBar
[flutter/flutter#27973](#) Add extendBody parameter to Scaffold, body MediaQuery reflects BAB height

	flutter/flutter#28006 Re-apply "Ensure all curves return 0 and 1 in .transform(t) when t=0/1"
	flutter/flutter#27929 Use double literals where a double type is expected
tool	**72 issues with this label**
	flutter/flutter#30857 Added support for authentication codes for the VM service.
	flutter/flutter#31283 Add desktop workflows to doctor
	flutter/flutter#31229 Add flutter run support for linux and windows
	flutter/flutter#31277 pass track widget creation flag through to build script
	flutter/flutter#31171 Allow disabling all fingerprint caches via environment variable
	flutter/flutter#31205 Add desktop projects and build commands (experimental)
	flutter/flutter#31073 Fuchsia step 1: add SDK version file and artifact download
	flutter/flutter#31064 Add sorting to flutter version command
	flutter/flutter#31063 Download and handle product version of flutter patched sdk
	flutter/flutter#31074 make flutterProject option of CoverageCollector optional
	flutter/flutter#30818 New flag to `flutter drive` to skip installing fresh app on device
	flutter/flutter#30811 Make coverage, like, really fast
	flutter/flutter#14704 Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory
	flutter/flutter#30867 Add toggle for debugProfileWidgetBuilds
	flutter/flutter#30648 Allow downloading of desktop embedding artifacts
	flutter/flutter#30235 Warn on uncomitted changes
	flutter/flutter#30115 Forward missing pub commands
	flutter/flutter#30578 Mark ios-deploy version 2.0.0 as bad
	flutter/flutter#30458 [fuchsia] Fix isolate filter
	flutter/flutter#30201 update sample code analyzer regexp & test case
	flutter/flutter#30218 [fuchsia_tester] Plumb through the location of icudtl
	flutter/flutter#30075 Ensure that flutter run/drive/test/update_packages only downloads required artifacts
	flutter/flutter#30071 Move spinner `_defaultSlowWarning` message to a new line
	flutter/flutter#29938 Pass FLUTTER_TOOL_ARGS to snapshot command.
	flutter/flutter#29768 Directly depend on frontend_server tool in fuchsia_attach
	flutter/flutter#29783 Fix cache location, artifacts, and re-enable dart2js test

	[flutter/flutter#29818](#) dont fail build if codegen fails
	[flutter/flutter#29192](#) Update upgrade to rebase and stash local changes.
	[flutter/flutter#29764](#) update fuchsia-attach to configure dev_finder location
	[flutter/flutter#29721](#) Use Dart version in script cache check
	[flutter/flutter#29399](#) Enable code generation features in tool (via opt-in)
	[flutter/flutter#29699](#) Fix more tests for ANSI terminals
	[flutter/flutter#29469](#) fix asset reloading
	[flutter/flutter#29693](#) Use source list from the compiler to track invalidated files for hot reload.
	[flutter/flutter#29434](#) Add builders and engine hash to fingerprint
	[flutter/flutter#29625](#) Fix typo in flutter_tools
	[flutter/flutter#29604](#) added friendlier error for invalid AndroidManifest.xml
	[flutter/flutter#29461](#) Remove explicit frame schedule
	[flutter/flutter#29048](#) Use async execution for xcodebuild commands
	[flutter/flutter#29528](#) Ensure that assumed formatting of properties file is correct
	[flutter/flutter#27749](#) Switch flutter_tools from script to app-jit snapshot.
	[flutter/flutter#28152](#) Improve hot reload performance
	[flutter/flutter#29258](#) Add dump-shader-skp flag to flutter tools
	[flutter/flutter#29134](#) Properly escape Android SDK Manager path in error message
	[flutter/flutter#29171](#) Only run codegen at start of flutter_test
	[flutter/flutter#28938](#) Add a `flutter create --list-samples` command
	[flutter/flutter#29126](#) Cause `flutter analyze` to fail if the analysis server experienced an error.
	[flutter/flutter#29062](#) fix windows codegen
	[flutter/flutter#28603](#) select ResidentCompiler during FlutterDevice initialization
	[flutter/flutter#28863](#) Fall-back to platform tools in Android SDK detection logic.
	[flutter/flutter#28658](#) Include git output into error message from channel command
	[flutter/flutter#28356](#) Log pub return code on failure on Windows
	[flutter/flutter#28386](#) remove personal repo and replace with trivial example for smoke test
	[flutter/flutter#28477](#) Fix backspace and clear length in AnsiStatus
	[flutter/flutter#28302](#) Add basic web device and run support

	[flutter/flutter#28168](#) [flutter_tool,fuchsia_tester] Only require a test source dir for coverage
	[flutter/flutter#28334](#) Remove unused --packages argument to gen_snapshot.
	[flutter/flutter#27944](#) Add tests
	[flutter/flutter#28097](#) Allow for gradle downloading missing SDK assets
	[flutter/flutter#28355](#) Reland "Allow for gradle downloading missing SDK assets" (#28097)
	[flutter/flutter#28352](#) only perform multi-root mapping if there are multiple roots
	[flutter/flutter#28101](#) Remove unused --packages argument to gen_snapshot.
	[flutter/flutter#28027](#) Remove extra slash from builder that is not handled on windows
	[flutter/flutter#28040](#) Remove json_schema and cli_util deps from flutter_tool
	[flutter/flutter#27754](#) Add support for binary compression of dynamic patches by the flutter tool.
	[flutter/flutter#28031](#) Revert "Add support for binary compression of dynamic patches by the flutter tool. (#27754)"
	[flutter/flutter#27908](#) Reland automatic discovery of observatory port for iOS
	[flutter/flutter#27709](#) Increase our build budget to 16ms
	[flutter/flutter#27765](#) Refactor local engine logic
	[flutter/flutter#28011](#) Remove accidentally committed libs
	[flutter/flutter#27987](#) add ui.Window fallback to TestViewConfiguration
	[flutter/flutter#27668](#) Wire dart2js through flutter tool, add compilation test
team	**55 issues with this label**
	[flutter/flutter#30990](#) Allow profile widget builds in profile mode
	[flutter/flutter#30832](#) Bump Android build tools to 28.0.3 in Dockerfile
	[flutter/flutter#30871](#) Update the upload key which seems to have trouble for some reason
	[flutter/flutter#30455](#) Prevent vertical scroll in shrine by ensuring card size fits the screen
	[flutter/flutter#25164](#) Pan and zoom gallery demo
	[flutter/flutter#27217](#) Fix Shrine overscroll glow indicator
	[flutter/flutter#30460](#) Fix gallery API doc URL launcher
	[flutter/flutter#30201](#) update sample code analyzer regexp & test case
	[flutter/flutter#29621](#) Update PULL_REQUEST_TEMPLATE.md

flutter/flutter#30019 Update to latest matcher

flutter/flutter#29908 Update Twitter handle @flutterio -> @FlutterDev

flutter/flutter#29632 Enable platform views for Flutter Gallery on iOS.

flutter/flutter#29669 Speed up CI via mojave-flutter image

flutter/flutter#29467 prevent stream notifications from interfering with reload

flutter/flutter#29619 make literals const for @immutable constructors

flutter/flutter#29454 Update another SDK constraint

flutter/flutter#29340 guard new formatter behind env var

flutter/flutter#29229 Install JDK and Android SDK only for integration tests

flutter/flutter#29126 Cause `flutter analyze` to fail if the analysis server experienced an error.

flutter/flutter#27971 Run non-perf sensitive tests on Cirrus

flutter/flutter#29051 fix block formatting

flutter/flutter#29025 print system time on all mac builds

flutter/flutter#28297 Test reporter

flutter/flutter#27811 set literal conversions

flutter/flutter#28852 Update macOS version in tests

flutter/flutter#28809 fix some formatting issues

flutter/flutter#28748 Revert "Remove the old HaTS implementation on API docs"

flutter/flutter#28658 Include git output into error message from channel command

flutter/flutter#28673 Add missing trailing commas

flutter/flutter#28555 disable dart2js test

flutter/flutter#28369 Add LICENSE test to presubmit checks

flutter/flutter#28480 increase timeout

flutter/flutter#28343 pass --skip-build-script-checks and remove module usage

flutter/flutter#28334 Remove unused --packages argument to gen_snapshot.

flutter/flutter#28482 Fuschia -> Fuchsia

flutter/flutter#28175 Only call Activity.reportFullyDrawn on Lollipop or above

flutter/flutter#28370 Removed trailing whitespace from the end of the CI config

flutter/flutter#28373 Mark non-flaky test as such

flutter/flutter#28125 [Gallery] Fortnightly demo moved from flutter/samples.

	[flutter/flutter#28400](#) update packages
	[flutter/flutter#28215](#) Minor UI tweaks to Cards demo based on internal feedback
	[flutter/flutter#28291](#) Reland #27754, now that bsdiff has moved to flutter/packages.
	[flutter/flutter#28171](#) deploy to .dev firebase projects.
	[flutter/flutter#28281](#) Reduce memory benchmark perf tests outer loop to 10.
	[flutter/flutter#27261](#) format parameter list
	[flutter/flutter#24889](#) Update AUTHORS
	[flutter/flutter#28238](#) Remove set literal syntax
	[flutter/flutter#28235](#) Remove line breaks from PR template
	[flutter/flutter#26376](#) removed image with 404
	[flutter/flutter#28224](#) Adds a template for Pull Requests
	[flutter/flutter#28040](#) Remove json_schema and cli_util deps from flutter_tool
	[flutter/flutter#27305](#) Outline for survey implementation
	[flutter/flutter#28024](#) Disable prefer_collection_literals in the analyzer until we can update to using set literals
	[flutter/flutter#27793](#) Remove remaining "## Sample code" segments, and fix the snippet generator.
	[flutter/flutter#27929](#) Use double literals where a double type is expected
f: material design	**44 issues with this label**
	[flutter/flutter#31088](#) Text field scroll physics
	[flutter/flutter#29390](#) Make expansion panel optionally toggle its state by tapping its header.
	[flutter/flutter#30746](#) Baseline Aligned Row
	[flutter/flutter#30793](#) Revert "Add Form.onSaved"
	[flutter/flutter#30525](#) Fix cursor outside of input width
	[flutter/flutter#30805](#) Update ExpansionPanelList Samples with Scaffold Template
	[flutter/flutter#30537](#) Embedded images and added variations to ListTile sample code
	[flutter/flutter#30455](#) Prevent vertical scroll in shrine by ensuring card size fits the screen
	[flutter/flutter#30497](#) Add confirmDismiss example to flutter_gallery
	[flutter/flutter#30475](#) Trackpad mode crash fix
	[flutter/flutter#29413](#) Fix MaterialApp's _navigatorObserver when only builder used

[flutter/flutter#30343](url) ExpansionPanelList and ExpansionPanelList.radio documentation	
[flutter/flutter#27217](url) Fix Shrine overscroll glow indicator	
[flutter/flutter#30353](url) Fix minor typo	
[flutter/flutter#30212](url) Added assert to prevent complete ListTile trailing/leading horizontal expansion	
[flutter/flutter#30123](url) Fix OutlineInputBorder crash	
[flutter/flutter#30219](url) Added helpful Material assert message	
[flutter/flutter#29771](url) Set Max Height for ListTile trailing and leading widgets	
[flutter/flutter#30048](url) Document that Hero needs to be present on destination page's zero frame	
[flutter/flutter#29811](url) TextField Validator Height Docs	
[flutter/flutter#29980](url) Fix issue with account drawer header arrow rotating when setState is called	
[flutter/flutter#29563](url) Avoid flickering while dragging to select text	
[flutter/flutter#29138](url) Update DropdownButton underline to be customizable	
[flutter/flutter#28735](url) [Material] Create a FloatingActionButton ThemeData and honor it within the FloatingActionButton	
[flutter/flutter#29564](url) Update progress indicator API docs	
[flutter/flutter#29445](url) Add doc about MediaQuery to Chip	
[flutter/flutter#29183](url) Implement labelPadding configuration in TabBarTheme	
[flutter/flutter#29165](url) Docs edit for Tab Label Color	
[flutter/flutter#29175](url) Ensure that animated pairs of Tabs TextStyles have matching inherited values	
[flutter/flutter#28752](url) FAB Snippet for API Docs	
[flutter/flutter#27751](url) Add Sample code for FlatButton #21136	
[flutter/flutter#28558](url) Fix typo	
[flutter/flutter#28013](url) [Material] Unit test for skipping Slider tick mark due to overdensity	
[flutter/flutter#21834](url) Add shapeBorder option on App Bar	
[flutter/flutter#28242](url) Add long-press-move support for text fields 2	
[flutter/flutter#28371](url) Ensure that the DropdownButton menu respects its parents bounds	
[flutter/flutter#28214](url) [Material] Add the ability to theme trailing app bar actions independently from leading	

	flutter/flutter#28245 [Typo] Update 'use' to 'user'
	flutter/flutter#28163 [Material] Add ability to set shadow color and selected shadow color for chips and for chip themes
	flutter/flutter#27711 Make extended FAB's icon optional
	flutter/flutter#28159 [Material] Expand BottomNavigationBar API (reprise)
	flutter/flutter#28032 Revert 26001
	flutter/flutter#28216 Fix 'to to'
	flutter/flutter#27973 Add extendBody parameter to Scaffold, body MediaQuery reflects BAB height
waiting for tree to go green	37 issues with this label
	flutter/flutter#30898 Check that ErrorWidget.builder is not modified after test
	flutter/flutter#30985 Add rrect contains microbenchmark
	flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen
	flutter/flutter#30305 shorter nullable list duplications
	flutter/flutter#30535 Correctly synthesise event buttons
	flutter/flutter#29998 Fix edge cases of PointerEventConverter
	flutter/flutter#30398 Embedding new raised button diagram.
	flutter/flutter#30453 Updating sample code for BottomNavigationBar class for diagram.
	flutter/flutter#30276 Random trivial fixes in the animation packages
	flutter/flutter#30463 Revert "Error message for setting shaderWarmUp too late (#30145)"
	flutter/flutter#28001 CupertinoTextField: added ability to change placeholder color
	flutter/flutter#28597 Adjust remaining Cupertino route animations to match native
	flutter/flutter#29134 Properly escape Android SDK Manager path in error message
	flutter/flutter#28470 Throw assertion error when a Hero has a Hero child.
	flutter/flutter#29245 Fix DartDoc for UniqueKey
	flutter/flutter#29229 Install JDK and Android SDK only for integration tests
	flutter/flutter#29054 Deprecate profile()
	flutter/flutter#28900 Add key support to cupertino button
	flutter/flutter#28970 Fix coverage shard and print summary after test run

	[flutter/flutter#28863](#) Fall-back to platform tools in Android SDK detection logic.
	[flutter/flutter#25202](#) fix #19175 How should addTime be used from a test?
	[flutter/flutter#28944](#) fix missing variable name
	[flutter/flutter#28297](#) Test reporter
	[flutter/flutter#28675](#) Update docs for ancestorWidgetOfExactType
	[flutter/flutter#28355](#) Reland "Allow for gradle downloading missing SDK assets" (#28097)
	[flutter/flutter#27712](#) add2app test
	[flutter/flutter#27898](#) Add slight clarification to debugDeterministicCursor
	[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max
	[flutter/flutter#27803](#) Added sample code to AnimatedWidget
	[flutter/flutter#27945](#) Fixes crossAxisSpacing overflow in RTL
	[flutter/flutter#27433](#) Fix issue where SliverPersistentHeader that is both floating and pinned would scroll down when scrolling past the beginning of the ScrollView
	[flutter/flutter#28224](#) Adds a template for Pull Requests
	[flutter/flutter#28182](#) Add TextOverflow.visible
	[flutter/flutter#28040](#) Remove json_schema and cli_util deps from flutter_tool
	[flutter/flutter#27953](#) Add outer try block for obtainKey errors. Add docs.
	[flutter/flutter#27908](#) Reland automatic discovery of observatory port for iOS
	[flutter/engine#8074](#) Add script to help generate PR messages
d: api docs	**36 issues with this label**
	[flutter/flutter#30887](#) Add more dialog doc cross-reference
	[flutter/flutter#30814](#) Fix StatefulWidget and StatelessWidget Sample Documentation
	[flutter/flutter#30805](#) Update ExpansionPanelList Samples with Scaffold Template
	[flutter/flutter#30537](#) Embedded images and added variations to ListTile sample code
	[flutter/flutter#30626](#) Add sample for ValueListenable
	[flutter/flutter#30563](#) Fixed a typo in the Expanded API doc
	[flutter/flutter#30343](#) ExpansionPanelList and ExpansionPanelList.radio documentation
	[flutter/flutter#30398](#) Embedding new raised button diagram.
	[flutter/flutter#30453](#) Updating sample code for BottomNavigationBar class for diagram.

	[flutter/flutter#30452](#) Moar Videos
	[flutter/flutter#30451](#) Bump dartdocs to 0.28.3
	[flutter/flutter#30348](#) RaisedButton Sample Code Update for Diagrams
	[flutter/flutter#30201](#) update sample code analyzer regexp & test case
	[flutter/flutter#30048](#) Document that Hero needs to be present on destination page's zero frame
	[flutter/flutter#29697](#) Embedding new diagrams for API Docs
	[flutter/flutter#29987](#) update CupertinoSwitch documentation
	[flutter/flutter#22859](#) Provide links between dart:ui classes and their corresponding classes in higher layers
	[flutter/flutter#29445](#) Add doc about MediaQuery to Chip
	[flutter/flutter#13637](#) Add images and examples to Align
	[flutter/flutter#29442](#) Align Snippet for API Docs
	[flutter/flutter#29245](#) Fix DartDoc for UniqueKey
	[flutter/flutter#29165](#) Docs edit for Tab Label Color
	[flutter/flutter#29053](#) Update to Container Sample Code in API Docs
	[flutter/flutter#28857](#) Form Snippet for API Docs
	[flutter/flutter#21136](#) Request sample code for popular API docs
	[flutter/flutter#28675](#) Update docs for ancestorWidgetOfExactType
	[flutter/flutter#28752](#) FAB Snippet for API Docs
	[flutter/flutter#28748](#) Revert "Remove the old HaTS implementation on API docs"
	[flutter/flutter#28683](#) Remove the old HaTS implementation on API docs
	[flutter/flutter#27751](#) Add Sample code for FlatButton #21136
	[flutter/flutter#28558](#) Fix typo
	[flutter/flutter#28245](#) [Typo] Update 'use' to 'user'
	[flutter/flutter#28017](#) Add more docs to BackdropFilter
	[flutter/flutter#27803](#) Added sample code to AnimatedWidget
	[flutter/flutter#27305](#) Outline for survey implementation
	[flutter/flutter#27793](#) Remove remaining "## Sample code" segments, and fix the snippet generator.
a: tests	**23 issues with this label**
	[flutter/flutter#30857](#) Added support for authentication codes for the VM service.

	[flutter/flutter#30898](#) Check that ErrorWidget.builder is not modified after test
	[flutter/flutter#30985](#) Add rrect contains microbenchmark
	[flutter/flutter#30871](#) Update the upload key which seems to have trouble for some reason
	[flutter/flutter#30747](#) Print warning if flutter drive is run in debug
	[flutter/flutter#29669](#) Speed up CI via mojave-flutter image
	[flutter/flutter#29467](#) prevent stream notifications from interfering with reload
	[flutter/flutter#29342](#) Add semantic label finders
	[flutter/flutter#29566](#) Manually roll engine to 5088735e5f
	[flutter/flutter#29340](#) guard new formatter behind env var
	[flutter/flutter#27971](#) Run non-perf sensitive tests on Cirrus
	[flutter/flutter#29025](#) print system time on all mac builds
	[flutter/flutter#25202](#) fix #19175 How should addTime be used from a test?
	[flutter/flutter#28297](#) Test reporter
	[flutter/flutter#28852](#) Update macOS version in tests
	[flutter/flutter#28638](#) Fix the test annotation used for test groups
	[flutter/flutter#28555](#) disable dart2js test
	[flutter/flutter#28480](#) increase timeout
	[flutter/flutter#28168](#) [flutter_tool,fuchsia_tester] Only require a test source dir for coverage
	[flutter/flutter#27944](#) Add tests
	[flutter/flutter#28373](#) Mark non-flaky test as such
	[flutter/flutter#27712](#) add2app test
	[flutter/flutter#27987](#) add ui.Window fallback to TestViewConfiguration
f: cupertino	**20 issues with this label**
	[flutter/flutter#31088](#) Text field scroll physics
	[flutter/flutter#30946](#) Add some more cupertino icons
	[flutter/flutter#29451](#) Added opacity to cupertino switch when disabled
	[flutter/flutter#30862](#) CupertinoDatePicker initialDateTime accounts for minuteInterval
	[flutter/flutter#29822](#) Cupertino localization step 7: modularize material specific things out of gen_localizations.dart
	[flutter/flutter#30527](#) Cupertino localization step 11: add more translation clarifications

	in the instructions
	[flutter/flutter#29767](#) Cupertino localization step 6: add a GlobalCupertinoLocalizations base class with date time formatting
	[flutter/flutter#29708](#) Cupertino localization step 5: add french arb as translated example
	[flutter/flutter#28001](#) CupertinoTextField: added ability to change placeholder color
	[flutter/flutter#29821](#) Cupertino localization step 1.5: fix a resource mismatch in cupertino_en.arb
	[flutter/flutter#29946](#) Let CupertinoPageScaffold have tap status bar to scroll to top
	[flutter/flutter#29987](#) update CupertinoSwitch documentation
	[flutter/flutter#29943](#) Remove unwanted gap between navigation bar and safe area's child
	[flutter/flutter#29630](#) Add heart shapes to CupertinoIcons
	[flutter/flutter#28597](#) Adjust remaining Cupertino route animations to match native
	[flutter/flutter#29463](#) Make real JSON in arb
	[flutter/flutter#28900](#) Add key support to cupertino button
	[flutter/flutter#28855](#) Move material iOS back swipe test to material
	[flutter/flutter#28242](#) Add long-press-move support for text fields 2
	[flutter/flutter#28032](#) Revert 26001
a: text input	**12 issues with this label**
	[flutter/flutter#30991](#) Use full height of the glyph for caret height on Android
	[flutter/flutter#28001](#) CupertinoTextField: added ability to change placeholder color
	[flutter/flutter#29395](#) Fix text selection when user is dragging in the opposite direction
	[flutter/flutter#27205](#) Fix TextField height issues
	[flutter/flutter#28169](#) Add/rewrite tests for FocusScope.
	[flutter/flutter#28290](#) Text selection via mouse
	[flutter/flutter#28558](#) Fix typo
	[flutter/flutter#28438](#) PC keyboard not works on text fields in emulator when on master branch.
	[flutter/flutter#28242](#) Add long-press-move support for text fields 2
	[flutter/flutter#27898](#) Add slight clarification to debugDeterministicCursor
	[flutter/flutter#26659](#) Adds fix for NAN value and pressure values outside of device reported min and max

		flutter/flutter#28032 Revert 26001
team: gallery	**11 issues with this label**	
	flutter/flutter#30455 Prevent vertical scroll in shrine by ensuring card size fits the screen	
	flutter/flutter#30497 Add confirmDismiss example to flutter_gallery	
	flutter/flutter#25164 Pan and zoom gallery demo	
	flutter/flutter#27217 Fix Shrine overscroll glow indicator	
	flutter/flutter#30460 Fix gallery API doc URL launcher	
	flutter/flutter#29908 Update Twitter handle @flutterio -> @FlutterDev	
	flutter/flutter#29632 Enable platform views for Flutter Gallery on iOS.	
	flutter/flutter#25202 fix #19175 How should addTime be used from a test?	
	flutter/flutter#28175 Only call Activity.reportFullyDrawn on Lollipop or above	
	flutter/flutter#28125 [Gallery] Fortnightly demo moved from flutter/samples.	
	flutter/flutter#28215 Minor UI tweaks to Cards demo based on internal feedback	
d: examples	**8 issues with this label**	
	flutter/flutter#30398 Embedding new raised button diagram.	
	flutter/flutter#30453 Updating sample code for BottomNavigationBar class for diagram.	
	flutter/flutter#30348 RaisedButton Sample Code Update for Diagrams	
	flutter/flutter#29697 Embedding new diagrams for API Docs	
	flutter/flutter#29442 Align Snippet for API Docs	
	flutter/flutter#29053 Update to Container Sample Code in API Docs	
	flutter/flutter#28857 Form Snippet for API Docs	
	flutter/flutter#28752 FAB Snippet for API Docs	
f: gestures	**6 issues with this label**	
	flutter/flutter#28749 Add minimum time gap requirement to double tap	
	flutter/flutter#28290 Text selection via mouse	
	flutter/flutter#28546 Call onTapCancel when down pointer gets cancelled	
	flutter/flutter#28242 Add long-press-move support for text fields 2	
	flutter/flutter#27904 Convert PointerEvent's toString to Diagnosticable	
	flutter/flutter#26659 Adds fix for NAN value and pressure values outside of device reported min and max	

severe: API break	6 issues with this label
	flutter/flutter#30991 Use full height of the glyph for caret height on Android
	flutter/flutter#30414 Remove pressure customization from some pointer events
	flutter/flutter#28919 Always composite PhysicalModels
	flutter/flutter#28953 Include platformViewId in semantics tree
	flutter/flutter#28242 Add long-press-move support for text fields 2
	flutter/flutter#28032 Revert 26001
a: animation	5 issues with this label
	flutter/flutter#30276 Random trivial fixes in the animation packages
	flutter/flutter#29069 Heroes and nested Navigators
	flutter/flutter#27803 Added sample code to AnimatedWidget
	flutter/flutter#28006 Re-apply "Ensure all curves return 0 and 1 in .transform(t) when t=0/1"
	flutter/flutter#27929 Use double literals where a double type is expected
a: desktop	5 issues with this label
	flutter/flutter#30938 Update keycodes, fix a comment.
	flutter/flutter#30648 Allow downloading of desktop embedding artifacts
	flutter/flutter#30643 Add Form.onSaved
	flutter/flutter#29993 Adds the keyboard mapping for Linux
	flutter/flutter#29231 Adds macOS raw keyboard mapping
e: desktop	5 issues with this label
	flutter/flutter#31283 Add desktop workflows to doctor
	flutter/flutter#31229 Add flutter run support for linux and windows
	flutter/flutter#31277 pass track widget creation flag through to build script
	flutter/flutter#31218 Add run capability for macOS target
	flutter/flutter#31205 Add desktop projects and build commands (experimental)
severe: performance	5 issues with this label
	flutter/flutter#30990 Allow profile widget builds in profile mode
	flutter/flutter#30985 Add rrect contains microbenchmark
	flutter/flutter#14704 Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory

	flutter/flutter#8150 complex_layout_srcroll_perf__memory diff_total_kb regression
	flutter/flutter#28537 Reland "Shader warm up (#27660)"
▣ platform-android	5 issues with this label
	flutter/flutter#14704 Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory
	flutter/flutter#29604 added friendlier error for invalid AndroidManifest.xml
	flutter/flutter#28651 Cannot execute operation because FlutterJNI is not attached to native.
	flutter/flutter#28355 Reland "Allow for gradle downloading missing SDK assets" (#28097)
	flutter/flutter#28031 Revert "Add support for binary compression of dynamic patches by the flutter tool. (#27754)"
a: typography	4 issues with this label
	flutter/flutter#30991 Use full height of the glyph for caret height on Android
	flutter/flutter#28751 Expose decorationThickness in TextStyle. Roll engine (12 commits)
	flutter/flutter#28398 fix red build for analysis
	flutter/flutter#28182 Add TextOverflow.visible
t: gradle	4 issues with this label
	flutter/flutter#28097 Allow for gradle downloading missing SDK assets
	flutter/flutter#28355 Reland "Allow for gradle downloading missing SDK assets" (#28097)
	flutter/flutter#27754 Add support for binary compression of dynamic patches by the flutter tool.
	flutter/flutter#28031 Revert "Add support for binary compression of dynamic patches by the flutter tool. (#27754)"
◇ platform-ios	4 issues with this label
	flutter/flutter#30475 Trackpad mode crash fix
	flutter/flutter#8094 Flutter doesn't find xcode 8.2
	flutter/flutter#27908 Reland automatic discovery of observatory port for iOS
	flutter/flutter#27765 Refactor local engine logic
a: fidelity	3 issues with this label
	flutter/flutter#30991 Use full height of the glyph for caret height on Android
	flutter/flutter#28597 Adjust remaining Cupertino route animations to match native

	[flutter/flutter#27711](#) Make extended FAB's icon optional
affects: docs	**3 issues with this label**
	[flutter/engine#8617](#) Fixes a typo in comment
	[flutter/engine#8472](#) [Docs] Correcting link to contributing guide.
	[flutter/engine#8295](#) Fixing links between higher and lower classes.
customer: fuchsia	**3 issues with this label**
	[flutter/flutter#30458](#) [fuchsia] Fix isolate filter
	[flutter/flutter#29532](#) Reland composite physical layers on all platforms
	[flutter/flutter#29454](#) Update another SDK constraint
easy fix	**3 issues with this label**
	[flutter/flutter#21136](#) Request sample code for popular API docs
	[flutter/flutter#7738](#) Allow for more flexible unselected label color parameter in TabBar
	[flutter/engine#8472](#) [Docs] Correcting link to contributing guide.
engine	**3 issues with this label**
	[flutter/flutter#14704](#) Unpack cached code on Android to the getCodeCacheDir() directory, rather than the user data directory
	[flutter/flutter#28651](#) Cannot execute operation because FlutterJNI is not attached to native.
	[flutter/flutter#27712](#) add2app test
severe: regression	**3 issues with this label**
	[flutter/flutter#28651](#) Cannot execute operation because FlutterJNI is not attached to native.
	[flutter/flutter#8150](#) complex_layout_srcroll_perf__memory diff_total_kb regression
	[flutter/flutter#28438](#) PC keyboard not works on text fields in emulator when on master branch.
t: flutter driver	**3 issues with this label**
	[flutter/flutter#30747](#) Print warning if flutter drive is run in debug
	[flutter/flutter#29342](#) Add semantic label finders
	[flutter/flutter#27709](#) Increase our build budget to 16ms
cla: no	**2 issues with this label**
	[flutter/flutter#27205](#) Fix TextField height issues
	[flutter/flutter#28159](#) [Material] Expand BottomNavigationBar API (reprise)

f: scrolling	2 issues with this label
	flutter/flutter#27945 Fixes crossAxisSpacing overflow in RTL
	flutter/flutter#27433 Fix issue where SliverPersistentHeader that is both floating and pinned would scroll down when scrolling past the beginning of the ScrollView
t: hot reload	2 issues with this label
	flutter/flutter#29693 Use source list from the compiler to track invalidated files for hot reload.
	flutter/flutter#28152 Improve hot reload performance
⌘ platform-mac	2 issues with this label
	flutter/flutter#31218 Add run capability for macOS target
	flutter/flutter#27908 Reland automatic discovery of observatory port for iOS
⚠ TODAY	2 issues with this label
	flutter/flutter#8150 complex_layout_srcroll_perf__memory diff_total_kb regression
	flutter/flutter#28438 PC keyboard not works on text fields in emulator when on master branch.
Work in progress (WIP)	1 issue with this label
	flutter/engine#8274 [ui] Add null check in FontWeight.lerp
a: accessibility	1 issue with this label
	flutter/flutter#29342 Add semantic label finders
a: debugging	1 issue with this label
	flutter/flutter#27904 Convert PointerEvent's toString to Diagnosticable
a: existing-apps	1 issue with this label
	flutter/flutter#27712 add2app test
a: first hour	1 issue with this label
	flutter/flutter#30562 Replace flutter.io with flutter.dev
a: internationalization	1 issue with this label
	flutter/flutter#27945 Fixes crossAxisSpacing overflow in RTL
a: quality	1 issue with this label
	flutter/flutter#30562 Replace flutter.io with flutter.dev
affects: dev experience	1 issue with this label

		flutter/engine#7908 Link dart:* sources into engine for debugger source support
affects: engine	**1 issue with this label**	
		flutter/engine#7908 Link dart:* sources into engine for debugger source support
area-analyzer	**1 issue with this label**	
		dart-lang/sdk#35940 Dartanalyzer: Missing line/column information, Unexpected error for int-to-double cast
customer: dream (g3)	**1 issue with this label**	
		flutter/flutter#29532 Reland composite physical layers on all platforms
f: routes	**1 issue with this label**	
		flutter/flutter#28597 Adjust remaining Cupertino route animations to match native
p1-high	**1 issue with this label**	
		dart-lang/sdk#35940 Dartanalyzer: Missing line/column information, Unexpected error for int-to-double cast
platform-ios	**1 issue with this label**	
		flutter/engine#8202 [platform_view] iOSP platformView composition optimize.
prod: API break	**1 issue with this label**	
		flutter/engine#8274 [ui] Add null check in FontWeight.lerp
severe: crash	**1 issue with this label**	
		flutter/flutter#28651 Cannot execute operation because FlutterJNI is not attached to native.
severe: new feature	**1 issue with this label**	
		flutter/flutter#29390 Make expansion panel optionally toggle its state by tapping its header.
t: flutter doctor	**1 issue with this label**	
		flutter/flutter#8094 Flutter doesn't find xcode 8.2
t: xcode	**1 issue with this label**	
		flutter/flutter#27765 Refactor local engine logic
team: flakes	**1 issue with this label**	
		flutter/flutter#28480 increase timeout
type-bug	**1 issue with this label**	
		dart-lang/sdk#35940 Dartanalyzer: Missing line/column information, Unexpected error for int-to-double cast

waiting for PR to land (fixed)	1 issue with this label
	flutter/flutter#7999 Consider renaming the Design Principles guide
○ platform-fuchsia	1 issue with this label
	flutter/flutter#28168 [flutter_tool,fuchsia_tester] Only require a test source dir for coverage
❖ platform-windows	1 issue with this label
	flutter/flutter#28356 Log pub return code on failure on Windows

We addressed 1231 issues.

Changes in `flutter/engine` from `375739` to `ca31a7`

Author	Commit
Ben Konyi bkonyi@google.com	Disable auth codes for Observatory test (#8646)
Matthew Dempsky matthew@dempsky.org	Remove unnecessary DartIO::EntropySource wrapper (#8635)
Chinmay Garde chinmaygarde@gmail.com	Revert "Remove DartSnapshotBuffer and dry up snapshot resolution logic reverts commit 905ddb6ca9f9dcb6b1a7cea67d502da094867623.
Ben Konyi bkonyi@google.com	Roll src/third_party/dart 7b9ab9f353..cf4444b803 (44 commits) (#8639) cf Service] Temporarily disable VM service auth codes by default" f8491950f fa7485f28e Build types for not simply bounded elements using dynamic ty 9d376de55a [vm] Remove code collection. 0c0e49cd11 update keyword li modifier 3cf3e4edde [dart/vm] Reduce trip count of osr test 503e20946c [shutdown takes too long. 2b9f968d2f Convert engine.dart to triple-slash c 73b917c014 [vm/compiler] Do not generate unnecessary field length guar overwrite inherited types of fields with types of initializers. e6e2a196a3 Iss unresolved URI in getLibraryByUri(). 6ac38a926c The synthetic default con reference. 92729e0cd3 Remove UndefinedTypeImpl. cf77b82f52 [analyzer] animation dartdoc directives 6384f629c0 new conflicting-modifiers error c "late" from built-in to keyword af9c01432c Remove unused import 7b6b8 'parameters' and 'typeParameters' for ParameterElementImpl. bc58bf598e serialization support for nullability suffixes. 8093f73424 [vm/dbc] Add UNI simulator_dbc.cc in 32-bit mode to make 32-build work 336fc9001c Fix fo DefaultFormalParameter during building types. e93c6b7ce1 Add AST repr keyword 43eebea5a3 [kernel_worker] retry on failure 284a299543 Fix mus fixes #36492 5a824581b7 Read directive annotations before returning offs for TypeParameter metadata. 242ed77040 Fix for FormalParameter withou Write / read Annotation element. d8a0d68bd6 Rename devcompiler to dc interpreter] Handle closure case of invoke-field-dispatchers as bytecode. b AstBuilder to handle "required" modifier ca28e2c8ce forward "required" m listeners 250d931ecc When URI cannot be resolved, the library is null. 249 CompilationUnitElement for annotations. 4ef18fdb96 Fix nameOffset for E

	7873dbdc1d Fix for duplicate declarations. 38049f3cb6 [vm, interpreter] H getters as bytecode. 714a082a5d Minimal integration of summary2 into A dd3530450d make "late" and "required" builtin keywords 836efd6520 Add having an invalid type in an on clause 81e554ea43 parse "required" modif 1eab04ed3f Reland "[VM-debugger] resolve column breakpoint tokenpos ec27b09e68 [vm, service] Fix deferral of service extension invocation to nc OOB messages. 1e30bb90dc [vm/dbc] Support unboxed Int64 on DBC
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 067861e14821..9b67802a4cd0 (6 commits) (#864 https://skia.googlesource.com/skia.git/%2Blog/067861e14821..9b67802a4 067861e1482118dd7071c931a90127c5ca0c9b21..9b67802a4cd01fbbe5fcb -date=short --no-merges --format=%ad %ae %s 2019-04-19 martin@ma retrieve memory block in SkTextUtils 2019-04-18 recipe-mega-autoroller@ accounts.iam.gserviceaccount.com Roll recipe dependencies (trivial). 2019 halcanary@google.com SkPDF: move type1 font code into single file 2019 csmartdalton@google.com Swap front and back stencil sides when rende 04-18 bsalomon@google.com Swap x/y radii for EllipticalRRectOp depend 18 halcanary@google.com SkQP: consolidate cut_release scripts The Auto here: https://autoroll.skia.org/r/skia-flutter-autoroll Documentation for th https://skia.googlesource.com/buildbot/+/master/autoroll/README.md If failures, please contact the current sheriff (herb@google.com), and stop th
Chinmay Garde chinmaygarde@gmail.com	Remove DartSnapshotBuffer and dry up snapshot resolution logic. (#8640 https://github.com/flutter/flutter/issues/26782.
Ben Konyi bkonyi@google.com	Enable VM service authentication codes by default (#8594)
liyuqian liyuqian@google.com	Generate layer unique id for raster cache key (#8637) The raw pointer isn't allocator can reuse an address that's just been released for another layer. FL-216. This problem was not affecting non-Fuchsia Flutter probably beca purges the raster cache key much more frequently so we won't see a key the key has to wait for the Vulkan surface to render asynchronously, this s issue.
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 2c2240f66805..067861e14821 (6 commits) (#8636 https://skia.googlesource.com/skia.git/%2Blog/2c2240f66805..067861e14 2c2240f66805ac852507f7eea010c153b42485e3..067861e1482118dd7071c --date=short --no-merges --format=%ad %ae %s 2019-04-18 recipe-meg service-accounts.iam.gserviceaccount.com Roll recipe dependencies (trivia mega-autoroller@chops-service-accounts.iam.gserviceaccount.com Roll r (trivial). 2019-04-18 reed@google.com remove experimental from some A experiments) 2019-04-18 michaelludwig@google.com Fix quad type dete 2019-04-18 brianosman@google.com Remove the axis-aligned vector spe checker 2019-04-18 ethannicholas@google.com fixed assertion failure in AutoRoll server is located here: https://autoroll.skia.org/r/skia-flutter-auto the AutoRoller is here: https://skia.googlesource.com/buildbot/+/master/ the roll is causing failures, please contact the current sheriff (herb@googl roller if necessary.
Chinmay Garde chinmaygarde@gmail.com	Merge runtime lifecycle unittests into the base test target. (#8634) //flut `runtime_lifecycle_unittests` was added because the these assumed that already running in the process. Running other tests in the base target wou assumption. Now that all test targets have been updated to make sure the

	leak, the tests in this target can be merged. LUCI bots don't need to be pa were only ever run on the trybots.
Ben Konyi bkonyi@google.com	Add support for authentication codes via MDNS on iOS (#8625)
Chinmay Garde chinmaygarde@gmail.com	Avoid leaking the VM in the shell unittests and assert VM state in existing
liyuqian liyuqian@google.com	Reland elevation test (#8633) Reland "Add a unit test for PhysicalShapeLay commit 91b71070f55ffc38c432babc7d9bb68ac2720d8d. The only change
Jason Simmons jason-simmons@users.noreply.github.com	Add an adjustment to the line width check in LineBreaker::addWordBreak currentLineWidth is the width passed into Paragraph layout, which comes maxIntrinsicWidth returned by a previous call to Paragraph layout. That w Layout::measureText. postBreak is calculated from the character widths in mismatch between these two widths may unnecessarily cause the insertio addWordBreak. Adding some slack to currentLineWidth works around this https://github.com/flutter/flutter/issues/30347
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia a94670bd08cd..2c2240f66805 (2 commits) (#8632 https://skia.googlesource.com/skia.git/%2Blog/a94670bd08cd..2c2240f66 a94670bd08cd52a19bf72223d63e2cc808b6b057..2c2240f66805ac852507f --date=short --no-merges --format=%ad %ae %s 2019-04-17 bungeman more SkTypeface virtuals pure. 2019-04-18 borenet@google.com [infra] F chrome_release_branch The AutoRoll server is located here: https://autorc autoroll Documentation for the AutoRoller is here: https://skia.googlesource.com/buildbot/+/master/autoroll/README.md If failures, please contact the current sheriff (herb@google.com), and stop th
Justin McCandless justinjmccandless@gmail.com	Tight Paragraph Width (#8530) Calculate and expose paragraph tightWidt allow drawing Text based on this.
Justin McCandless justinjmccandless@gmail.com	Glitchiness with Tab Characters (#8591) Fix a bug that caused jumping and tab characters into a TextField.
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 847d55be4e62..a94670bd08cd (1 commits) (#863 https://skia.googlesource.com/skia.git/%2Blog/847d55be4e62..a94670bd0 847d55be4e6273fc3cd9c0b30c7bfc8a2d6575b7..a94670bd08cd52a19bf72 --date=short --no-merges --format=%ad %ae %s 2019-04-18 hcm@goo milestone to 76 The AutoRoll server is located here: https://autoroll.skia.o Documentation for the AutoRoller is here: https://skia.googlesource.com/buildbot/+/master/autoroll/README.md If failures, please contact the current sheriff (herb@google.com), and stop th
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia ced2b79d00f9..847d55be4e62 (3 commits) (#863 https://skia.googlesource.com/skia.git/%2Blog/ced2b79d00f9..847d55be ced2b79d00f9370cbd874d1462757b554655648f..847d55be4e6273fc3cd9 --date=short --no-merges --format=%ad %ae %s 2019-04-18 skia-recrea swarming-bots.iam.gserviceaccount.com Update go_deps asset 2019-04- public.iam.gserviceaccount.com Roll third_party/externals/angle2 c832cdd commits) 2019-04-18 skia-autoroll@skia-public.iam.gserviceaccount.com third_party/externals/swiftshader 84c3a94e1450..abaecd5f2ba7 (6 commit located here: https://autoroll.skia.org/r/skia-flutter-autoroll Documentatio

	here: https://skia.googlesource.com/buildbot/+/master/autoroll/README failures, please contact the current sheriff (herb@google.com), and stop tl
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 14c90c1ca218..ced2b79d00f9 (1 commits) (#8629 https://skia.googlesource.com/skia.git/%2Blog/14c90c1ca218..ced2b79d0 14c90c1ca218428418b82be5684bb71f13e81f60..ced2b79d00f9370cbd874 --date=short --no-merges --format=%ad %ae %s 2019-04-18 skia-autorc public.iam.gserviceaccount.com Roll ../src a3585f70a100..f968f64cdf27 (43 AutoRoll server is located here: https://autoroll.skia.org/r/skia-flutter-auto the AutoRoller is here: https://skia.googlesource.com/buildbot/+/master/ the roll is causing failures, please contact the current sheriff (herb@googl roller if necessary.
Joseph Richey joerichey@google.com	Allow building without python2 (#8605) Almost all of the python build file work if python is python2 or python3. This is the only area where print is in python3). Related issue: https://fuchsia-review.googlesource.com/c/fuchsia
Chinmay Garde chinmaygarde@gmail.com	Test saving compilation traces. (#8618)
Chinmay Garde chinmaygarde@gmail.com	Avoid leaking the VM in runtime_unittests and update failing tests. (#8626 depending on the old assumption that the VM would never shutdown.
Chinmay Garde chinmaygarde@gmail.com	Revert "Add a unit test for PhysicalShapeLayer (#8616)" (#8627) This rever 8b667b0178f135411ad72d7e5b3304cc46ff7dcf.
liyuqian liyuqian@google.com	Add a unit test for PhysicalShapeLayer (#8616) An unnecessary PrerollCon removed. The added unit test will catch the error if we forget to subtract t copy removal. This change has been tested with the framework (flutter engine=host_debug_unopt).
Chinmay Garde chinmaygarde@gmail.com	Assert that all VM launches in the process have the same opinion on whet leaked in the process. (#8622) There is a possibility for a VM launch to not shutdown if a previous launch asked to leak the VM instance in the proces ensure (via their Embedding APIs) that all instances of VM launch use con
liyuqian liyuqian@google.com	Revert "Roll src/third_party/dart 7b9ab9f353..714a082a5d (7 commits)" (#: commit 80e934e3241fa8b177beea5a6af5f06cc2939923. Reason for the re submit Mac iOS build bot.
Chinmay Garde chinmaygarde@gmail.com	Avoid manually shutting down engine managed isolates. (#8621) These ar VM and cleanup waits for their shutdown.
Ben Konyi bkonyi@google.com	Roll src/third_party/dart 7b9ab9f353..714a082a5d (7 commits) 714a082a5 summary2 into AnalysisDriver. dd3530450d make "late" and "required" bu 836efd6520 Add a language_2 test for having an invalid type in an on clau "required" modifier for NNBD 1eab04ed3f Reland "[VM-debugger] resolve tokenposition into a single value" ec27b09e68 [vm, service] Fix deferral of invocation to not be mislead by other OOB messages. 1e30bb90dc [vm/d Int64 on DBC
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 6f9047027be3..14c90c1ca218 (5 commits) (#8619 https://skia.googlesource.com/skia.git/%2Blog/6f9047027be3..14c90c1ca2 6f9047027be329719bb9fe79e6f892724e6a0fa2..14c90c1ca218428418b82I

	-date=short --no-merges --format=%ad %ae %s 2019-04-16 bungeman@ "Remove includes from SkFontTypes.h" 2019-04-17 benjaminw init.py to page_sets 2019-04-17 robertphillips@google.com Non-substan 17 halcanary@google.com SkQP: fix model colorspace (16-bit gold image egdaniel@google.com Add struct to wrap all the gpu flush options. The A here: https://autoroll.skia.org/r/skia-flutter-autoroll Documentation for th https://skia.googlesource.com/buildbot/+/master/autoroll/README.md If failures, please contact the current sheriff (herb@google.com), and stop tl
Shi-Hao Hong shihaohong@google.com	Fix typo in comment (#8617)
liyuqian liyuqian@google.com	Rename flow namespace to flutter (#8615) This follows our namespace ch flutter: https://github.com/flutter/engine/pull/8520.
Ben Konyi bkonyi@google.com	Roll src/third_party/dart bc99f1ca28..7b9ab9f353 (5 commits) 7b9ab9f353 more diagnostic tests 3782197e95 Sort summary_common.dart 37285467 null_assertion_ambiguous_test b0c98d57fa Add the new manifest error co ebdefa3f5f add new "late" and "required" modifiers
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 5155e09d1466..6f9047027be3 (5 commits) (#861: https://skia.googlesource.com/skia.git/%2Blog/5155e09d1466..6f9047027 5155e09d146665be078494247092fa990d5ae4a7..6f9047027be329719bb9 --date=short --no-merges --format=%ad %ae %s 2019-04-17 recipe-me(service-accounts.iam.gserviceaccount.com Roll recipe dependencies (trivia reed@google.com Reland "Simplify SkTypeface::charsToGlyphs API tc input" 2019-04-16 bsalomon@google.com Add flag to map buffer fl indicate whether mapping a GrGpuBuffer for reading is synchronous or nc borenet@google.com [infra] More work on chrome_release_branch 2019- mtklein@google.com Add clang-cl arm64 builds The AutoRoll server is loc https://autoroll.skia.org/r/skia-flutter-autoroll Documentation for the Auto https://skia.googlesource.com/buildbot/+/master/autoroll/README.md If failures, please contact the current sheriff (herb@google.com), and stop tl
bungeman bungeman@chromium.org	Remove call to SkFont::setLinearMetrics (#8612) This particular call doesn' default is false anyway. In addition Skia is looking to remove this flag since now synonymous with setting the hinting to none.
stuartmorgan stuart.morgan@gmail.com	Add FLEPluginRegistry for macOS (#8611) Creates a minimal FLEPluginReg a subset of the FlutterPluginRegistry. This is a small step toward eventually allows changing the example project structure to better reflect what a futu like.
Zachary Anderson zanderso@users.noreply.github.com	[fuchsia] Fix SceneUpdateContext for new PaintContext field (#8608)
Michael Klimushyn mklim@google.com	Pipe Z bounds from ViewportMetrics to Flow (#8583) This is the first step of and responsive to Z bound overflow. On its own this patch shouldn't re behavior. This will need to be followed up with a patch in Fuchsia's Flutter bounds after this lands, and another patch in the engine actually impleme overflow behavior. This Z bound info is routed through the engine itself tc in flow are truly consistent from the Fuchsia runner. However these values exposed to the framework as well.

Ben Konyi bkonyi@google.com	Roll src/third_party/dart f0da03ca36..bc99f1ca28 (1 commits) bc99f1ca28 ... the nullable type decorator
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 33906ad1e26f..5155e09d1466 (4 commits) ([#8609](#) ... https://skia.googlesource.com/skia.git/%2Blog/33906ad1e26f..5155e09d1 ... 33906ad1e26fd36430a70712382b3edc3970213c..5155e09d146665be0784 ... --date=short --no-merges --format=%ad %ae %s 2019-04-17 [egdaniel@](#) ... &[#34](#);added more SPIR-V RelaxedPrecision decorations&[#34](#); 2019-04-17 ... Make Metal render loop more stable 2019-04-17 mtklein@google.com ro ... [recipe-mega-autoroller@chops-service-accounts.iam.gserviceaccount.con](#) ... dependencies (trivial). The AutoRoll server is located here: [https://autoroll](#) [autoroll](#) Documentation for the AutoRoller is here: [https://skia.googlesource.com/buildbot/+/master/autoroll/README.md](#) If ... failures, please contact the current sheriff (herb@google.com), and stop tl ...
Ben Konyi bkonyi@google.com	Roll src/third_party/dart d9c40462c2..f0da03ca36 (1 commits) f0da03ca36 ... include FPU registers on ARM if VFP is not supported
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia e88d4382e1cf..33906ad1e26f (1 commits) ([#8604](#) ... https://skia.googlesource.com/skia.git/%2Blog/e88d4382e1cf..33906ad1e ... e88d4382e1cf0041ecc1f148e05fbf3b7d0fb7b1..33906ad1e26fd36430a707 ... -date=short --no-merges --format=%ad %ae %s 2019-04-17 [robertphillip](#) ... &[#34](#);Revert &[#34](#);Simplify SkTypeface::charsToGlyphs API to require UTF3 ... AutoRoll server is located here: [https://autoroll.skia.org/r/skia-flutter-auto](#) ... the AutoRoller is here: [https://skia.googlesource.com/buildbot/+/master/](#) ... the roll is causing failures, please contact the current sheriff ([herb@googl](#) ... roller if necessary.
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 652b007a4cbb..e88d4382e1cf (4 commits) ([#8603](#) ... https://skia.googlesource.com/skia.git/%2Blog/652b007a4cbb..e88d4382e ... 652b007a4cbb0b8c716510949456243573129ff4..e88d4382e1cf0041ecc1f1 ... date=short --no-merges --format=%ad %ae %s 2019-04-17 [skia-recreate](#) [bots.iam.gserviceaccount.com](#) Update go_deps asset 2019-04-17 [skia-aut](#) [public.iam.gserviceaccount.com](#) Roll third_party/externals/angle2 e7da32f ... commits) 2019-04-17 skia-autoroll@skia-public.iam.gserviceaccount.com ... third_party/externals/swiftshader 25be5bb97518..84c3a94e1450 (6 commi ... autoroll@skia-public.iam.gserviceaccount.com Roll ../src 95629c4c410f..a3 ... commits) The AutoRoll server is located here: [https://autoroll.skia.org/r/sk](#) ... Documentation for the AutoRoller is here: [https://skia.googlesource.com/buildbot/+/master/autoroll/README.md](#) If ... failures, please contact the current sheriff (herb@google.com), and stop tl ...
stuartmorgan stuart.morgan@gmail.com	Add desktop shell unittests to test script ([#8600](#)) Builds the unit test on al ... them to the aggregate test script.
Ben Konyi bkonyi@google.com	Roll src/third_party/dart 8e73b3c006..d9c40462c2 (4 commits) d9c40462c. ... kImplicitStaticFinalGetter to kImplicitStaticGetter. 9a5a720413 Remove de ... pkg/dev_compiler/README.md 9d15138c91 [tests] Revert the previous de ... const tests 523666a97a Fix messages_test.
skia-flutter-autoroll skia-flutter-autoroll@skia.org	Roll src/third_party/skia 70ed05e53ad2..652b007a4cbb (1 commits) ([#860](#) ... https://skia.googlesource.com/skia.git/%2Blog/70ed05e53ad2..652b007a4 ... 70ed05e53ad244b3234415b447e5fcd53fb40e3b..652b007a4cbb0b8c7165 ...

--date=short --no-merges --format=%ad %ae %s 2019-04-16 reed@goog
"Revert "Simplify SkTypeface::charsToGlyphs API to require UTF:
AutoRoll server is located here: https://autoroll.skia.org/r/skia-flutter-auto
the AutoRoller is here: https://skia.googlesource.com/buildbot/+/master/