

qgis / QGIS Public

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Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base: final-3_16_5 ▾



compare: final-3_16_6 ▾

Commits 48

Files changed 146

Commit comments 0

16 contributors



Commits on Mar 19, 2021

- Merge pull request [#42000](#) from elpaso/bugfix-server-accesscontrol-gfi... ✓ ef1fcb2
- Set min/max from data type when GDAL stats fail ... 03d20e0
- Set gathered statistics to none when there are no statistics ... 972afd3
- QgsProjectLayerGroupDialog: accept an existing project ... 42832c9
- Ignore getLegendGraphic URL if GetMap url is ignored ([#41596](#)) ... 2ac8d09
- [layouts] Correctly set data defined html url or attribute table ... 03d8ed3
- Replace colon in typenames ... 8cb8164
- [georeferencer] NEVER load raster file being referenced into the ... d64f35d
- Remove confusing crs prompt which can show when loading a raster file... ... f8d4a27
- [layouts] Fix map item loses preset them choice if item is selected ... 15c6bec
- QgsPluginInstaller can now read zipfiles where 1st internal file is l... 67a9ff6
- Don't silently swallow exceptions in python context managers ... e2f1a82
- Fix crash on exit when remember last used attribute values is checked ... ada0bc7
- [memory] Correctly store converted field values when adding or ... f892b3c
- QGIS expressions are not sensitive to the case of field names, so ... 69e70d7
- Fix QgsAttributes equality operator when comparing attributes where ... cf2b041

	[delimitedtext] Fix regression opening files with unicode characters ...	e760bee
	[layout] Add legend item scope to render context ...	163ee62
	[processing] Fix atlas export relying on predefined scale for atlas-c... ...	d38c70b
	Fix untranslated message when downloading wms legend graphics, also ...	b189532
	Update widget state when scale locked state is changed from API	fbc2540
	[processing] Fix use of "Save log to file" algorithm in models ...	be8401d
	[processing][gdal] Fix parsing of creation options for Roughness alg ...	✓ 2db1e5d
Commits on Mar 21, 2021		
	Fix Help button for "Vector Layer Save as..." dlg ...	8ada627
	Fix Help button for "Raster Layer Save as..." dlg ...	✓ cc77068
Commits on Mar 23, 2021		
	fix update_news.pl and update NEWS.md ...	✗ 54c778c
	spelling fixes ...	✓ d70f262
Commits on Mar 26, 2021		
	fix submission in nightlies ...	✓ f3effb6
Commits on Mar 27, 2021		
	osgeo4w: fix nightlies with nightlies of proj and gdal	✓ 24b8998
Commits on Mar 29, 2021		
	[processing] Fix encoding for raster analysis algorithm outputs	✓ 756d5b3
Commits on Apr 01, 2021		
	Disable the prefetching of images from OWS services ...	✓ baa400a
Commits on Apr 03, 2021		
	remove cpp check on 16.04 (#42616)	✗ 2d4f73d



Commits on Apr 07, 2021

- Natural Breaks (Jenks) classification causes crash ([#42618](#)) ✗ d2dff9b
- make wms server field configuration translatable ... ✗ c1b0036



Commits on Apr 08, 2021

- Use recommended osm tile url for server API – Features and landingpage (... ✗ 97faffe
- Merge pull request [#42722](#) from pathmapper/backport-42697-to-release-3_16 ... ✗ 0dd9b67



Commits on Apr 09, 2021

- Update minified version (follow-up on [#42697](#)) ✓ b12dfd4
- Merge pull request [#42735](#) from pathmapper/bp-3_16-minified ... ✓ 025643c
- Merge pull request [#42736](#) from pathmapper/favicon ... ✓ c064ee8



Commits on Apr 10, 2021

- Merge pull request [#42739](#) from qgis/backport-42736-to-release-3_16 ... ✓ c5e79e5



Commits on Apr 12, 2021

- scripts/scandeps.pl: drop qt5-default, add pandoc, run ... ✓ f54cc29
- debian packaging: add hirsute, drop eoan ✓ f080813
- Merge pull request [#42748](#) from gacarrillor/add_4_new_user_groups ... ✓ 3a295c7
- Merge pull request [#42775](#) from qgis/backport-42748-to-release-3_16 ... ✓ 6641c74



Commits on Apr 13, 2021

- debian packaging: fix hirsute python library detection ✓ 8993604



Commits on Apr 15, 2021

- fix wrong identification of python 3.10 as python 3.1 ([#42799](#)) ([#42807](#)) ... ✓ 7abe30a



Commits on Apr 16, 2021

- translation update for 3.16.6 from transifex 4b777c7
- Release of 3.16.6 bfd36fd

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base: final-3_16_6 ▾

 ←

compare: final-3_16_7 ▾

 Commits 84

 Files changed 212

 Commit comments 0

 21 contributors

 Commits on Apr 15, 2021

 Merge pull request [#42771](#) from rldhont/server-feature-id-combine-expr... ✓ f6bd0e5

...

 Commits on Apr 17, 2021

 Merge pull request [#42801](#) from qgis/backport-42771-to-release-3_16 ... ✗ 524bfe9

 Merge pull request [#42782](#) from nirvn/updatefeature_fix ... ✗ 90ca175

 Merge pull request [#42754](#) from rouault/fix_crash_bad_vector_layer ... ✗ 6eadd09

 Fix WMS DPI scale rounding error ... 0d736e1

 More masks be2ce14

 More masks 6c753e7

 Allow loading GPKG layers with GEOMETRY type ([#42253](#)) ... 9d528a4

 Merge pull request [#42187](#) from wonder-sk/fix-rasterize-alg-layer-list ... 3387268

 Extra fixes b1bbd3d

 Fix sip 21a6372

 fix dxf export for espg's with reverse axes + test ... 2d1057d

 Server WMS GetPrint accesscontrol support ... d9a1ca3

 [processing] Fix "Centroids" alg with multipart geometries ... ab5e990

 [processing] Centroids: optimize for multipart and better error repor... 671c433

...	
 [processing] When running "point on surface" with "create point for ...	5f35ded
 Better error reporting in Point on Surface ...	99892f1
 Fix relation editor widget not visible if n:m relation name is empty (#...	0c8aebc
...	
 Fix some ArcGis VectorTileServer urls cannot be directly loaded ...	e8b7c9e
 Opacity should also be considered for external layers	ac5b7ea
 Test if opacity is applied for external layers	8b0e292
 Also test the opacity parameter within the external layer	903c309
 For internal layers, opacitiy has to be set after the style has been set	fc3bb7c
 Fix auth basic non-ascii encoding ...	973ccac
 Fix many issues in gdal algs ...	9d81c60
 [processing][saga] Fix misleading 'layer could not be generated' error ...	ce44e3e
 Fix mesh layer properties dialog doesn't open at the temporal page ...	30a1dfa
 Fix invalid cast of QgsProperty as bool to store in strings ...	ec5476c
 Fix auth basic encoding (no auth system) ...	4a12a45
 Fix wms authorization logic ...	8005b28
 Revert: utf8->latin1 ...	d41ff28
 [labeling] Fix handling of data-defined buffers (both UI/UX and rende...	73b6157
...	
 Fix fid collisions when pasting features into a gpkg/spatialite dataset	4987fb2
...	
 [Backport release-3_16][Server] Speed up WMS GetCapabilities by remov...	7324c92
...	
 fix open form button not always enabled in relation reference widget (#...	82c67f3
...	
 remove leftover	74942e5
 Update src/gui/qgsfeaturelistcombobox.h ...	d87738e
 fix sip	ed4e6ea
 Update qgsfeaturelistcombobox.sip.in	2bc7bff
 Update qgsfeaturepickermodelbase.h	0b3495e
 [Vector] Use XML Extent even if data provider has metadata ...	a339465

	 Add multipart option for processing geometry parameter ...	7a74d7f
	 Prevent double expensive calls to loadFields in OGR ...	029d245
	 Apply suggestions from code review ...	3bba063
	 WMS cascading: fix unreported issue wih missing fids ...	44d2b4b
	 Apply suggestions from code review ...	a53f669
	 indentation ...	9a7a0a7
	 Gracefully handle import errors in console ...	1648e16
	 allow a failed QNetworkRequest to set a QgsNetworkReplyContent.conten... ...	296588c
	 adapt python blocking request test to contain a valid response after	✗ 12e6c29
	Commits on Apr 18, 2021	
	 "Flatten relationship" alg output can not be skipped	✗ 14c0ba5
	 switch from baseName to completeBaseName	✗ 0d270ef
	 Disable mingw build ...	✗ 69bcd22
	Commits on Apr 19, 2021	
	 FlatGeobuf is always UTF-8	✗ 21fab96
	Commits on Apr 22, 2021	
	 Fix opening the console ...	✗ d92d9fe
	Commits on Apr 23, 2021	
	 Merge pull request #42869 from m-kuhn/statsbycaterror ...	✗ 3e4acec
	Commits on Apr 26, 2021	
	 Move currentFrame increment to the end of the loop ...	✗ ce2476c
	Commits on Apr 27, 2021	
	 Properly disable mingw build, disable 20.10 build	✓ adbe5d7

	 Fix potential crash in mesh renderer vector settings widget	✓ 31e8ddb
	 Fix potential nullptr dereference issue in symbol to SLD conversion ...	✓ 60b2327
	 Run workflows on queued_ltr_backports branch	✓ 5fc2345
 Commits on Apr 29, 2021		
	 backport #41362	✓ bca1b83
 Commits on May 07, 2021		
	 Release datasource when cancelling loading of OGR sublayers	✓ d295e8f
 Commits on May 09, 2021		
	 QgsAppMapTools: fix double-free during destruction of tools ...	✓ 8725f6d
 Commits on May 10, 2021		
	 [Tests][Processing] Add getParameterFromString tests ...	50a9874
	 fix lint	e163ac9
	 Tests QgsProcessingParameterNumber	91e1d6f
	 Fix number	62575aa
	 Tests QgsProcessingParameterBoolean	563b29a
	 Tests QgsProcessingParameterCrS	8615fec
	 Tests QgsProcessingParameterExtent	9126290
	 fix number	8711c86
	 Update python/plugins/processing/tests/ParametersTest.py	506ded7
	 [Processing][Test] QgsProcessingParameterFile description string	0e58d42
	 [Processing][Test] QgsProcessingParameterVectorDestination descriptio... ...	0d311b6
	 [Processing][Test] QgsProcessingParameterRasterDestination descriptio... ...	a2530dc
	 [Processing][Test] QgsProcessingParameterFolderDestination descriptio... ...	1a01b0f
	 [Processing][Test] QgsProcessingParameterFileDestination description	e913187

		[Processing][Test] QgsProcessingParameterFeatureSource description st...	a3530f3
		...	
		[Processing][Test] QgsProcessingParameterVectorLayer description string	2bef4fd
		[Processing][Test] QgsProcessingParameterRasterLayer description string	92be2f4
		[Processing][Test] QgsProcessingParameterVectorLayer description stri...	✓ 0bcac9e
		...	
	Commits on May 14, 2021		
		translation update for 3.16.7 from transifex	a21a990
		Release of 3.16.7	✗ 0471743

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base: final-3_16_7 ▾



compare: final-3_16_8 ▾



Commits 62



Files changed 147



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Commits on May 15, 2021



[Server] QgsServerFeatureId use STRING_TO_FID instead of toLongLong ...

f92f47b

backport [#42713](#)

5b17351



Ensure that cached vector getFeatures request respect provider ordering ...

dc7c883



[symbology] Make use of the marker symbol line angle for all polyline... ...

8d5c17d



Add a test covering data defined angle for polygon outline marker lin... ...

852d064



Call proper parent deactivate() for QgsMapToolMoveFeature ...

9341625



[BUGFIX] Fixes QgsPostgresProviderConnection::createSpatialIndex. Add... ...

4a05c59



[DB Manager] Fix recognition of project layers with Z/M... ...

83a6908



[DB Manager] Fix No Geometry tables ...

✓ ff59274



Commits on May 20, 2021



Update pyogctest

✓ 602df12



Commits on May 21, 2021



Update r.clump.txt ...

✓ 3684c4c



[WMS provider] Fix crash on WMS-T layer uri without timeDimensionExtent

✓ 8b70ff9

...

-  [OGR provider] Workaround crash on SQLite layers with GDAL 3.3.0 ... ✓ a9a4b7a
-  [Delimited provider] Increase buffer size to 10 MB to be able to read... ✓ 6b90c76
- ...

Commits on May 23, 2021

-  [WFS provider] Accept 'code' attribute in ExceptionReport (fixes #42196) ✓ 554cef4
-  [OGR provider] Make changeGeometryValues() return false when an error... 56257d3
- ...
-  QgsVectorLayerEditBuffer::commitChanges(): do not do anything if adde... 31f440e
- ...
-  QgsVectorDataProvider::convertToProviderType(): accept converting a s... ✓ 0036575
- ...
-  [WFS provider] Encode space as %20 in URL ... d6d1b45
-  QgsSQLStatement parser: emit more relevant error message (fixes #42985) 9f1c77b
-  [WFS provider] Use ows:ExceptionReport for error message (fixes #42985) 656dbdd
-  [WFS provider] Transmit error message of feature downloader to provider ✓ 75bb5d6

Commits on May 24, 2021

-  [OGR provider] Do not corrupt values when updating a GPKG feature ... ✓ 852fcc4

Commits on May 25, 2021

-  QgsOgrLayer::GetApproxFeatureCount(): fix wrong test on WFS3 driver name ✓ ab457ee
- ...
-  Fix WFS3 overlapping text template ... 9cc22b2
-  Fix test control file for WFS3 items ✓ 3dca51d
-  [OGR provider] Fix wrong gpkg_metadata_reference_column_name_update t... ✓ 0999a96
- ...

Commits on May 31, 2021

-  VERSION is mandatory for getmap requests in WMS 1.3.0 ✓ e2f4fc6
-  Server: fix unreported project storage not supported with -p ... ✓ af93382
-  Fix various crashes on a vector layer with a broken provider ✓ d75e341



Commits on Jun 01, 2021



[backport] fix classification of singleband pseudocolor (#43346)

✓ 884b514



Commits on Jun 02, 2021



Push image to DockerHub only if rep_owner == qgis (#43513) ...

✓ f041030



Commits on Jun 03, 2021



Do not access join layer from QgsVectorLayerFeatureIterator ...

cdbf722



Fix sip ...

f24ef78



Completely remove QgsVectorLayerFeatureIterator::FetchJoinInfo::joinL... ...

✗ 79f096c



Commits on Jun 04, 2021



[server] Fix incorrect response code used for exception ...

✓ 002d76e



Commits on Jun 05, 2021



Fix geographicflag loading ...

✓ acdcfc3



Commits on Jun 08, 2021



WMS: don't crash on invalid layers ...

✓ 08e7b27



Fix data defined properties which bind to a field can have incorrect ...

✓ 2a3bcc3



Don't try to continue calculating union steps after cancelation occurs ...

1f25ba5



Fix data type for feature count in overlay algorithms

✓ 839afe9



Fix clazy warnings in dxf export

3b01613



[dxf] Fix broken coordinate transform when exporting features ...

044f6a1



Dox++

5575cba



Fix build

f1c7367



Fix build

✓ 834e312



Commits on Jun 09, 2021

	 fix filter expression not correctly loaded for relation reference wid... ...	✓ 191370a
	 Fix "force layer to render as raster" setting wasn't correctly copied ...	✓ dcd016b
	 Fix massive performance regression in attribute table ...	✓ 4970c3a
	 Correctly redraw canvas when applying project properties changes	✓ 607b44b
	Commits on Jun 10, 2021	
	 Fix crash in geometry checker when empty geometries are found ...	6d0bbac
	 Don't crash when calculating centroid of empty geometry ...	✓ 6938593
	Commits on Jun 13, 2021	
	 Add layer validity checks and hints where not to expect nullptr	8be06d8
	 Update src/core/qgsofflineediting.cpp ...	✓ c100c5d
	 Don't assume that owslib >= 0.20 is available ...	✓ eb1a55a
	 Fix zonal statistics does not correctly handle coordinate transforms ...	✓ c82678d
	Commits on Jun 14, 2021	
	 Fix crash in labeling if label has data defined x/y set and projectio... ...	4a50d87
	 Gracefully handle coordinate transform errors in data defined label pos	✓ 2fe68cc
	Commits on Jun 15, 2021	
	 Fix #43741 extract SHP encoding	✓ 0909664
	Commits on Jun 16, 2021	
	 [processing] Fix broken execution of models via browser/drag and drop ...	✓ 9e0cdcb
	Commits on Jun 18, 2021	
	 translation update for 3.16.8 from transifex	e963c5b
	 Release of 3.16.8	✗ 8c50902

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 ←

compare: final-3_16_9 ▼

 Commits 81

 Files changed 200

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 19 contributors

-  Commits on Jun 21, 2021
- 

 Manual backport of [#42383](#)

ae85039
- 

 Ensure tests run on queued_ltr_backports PRs

6332a1e
- 

 [vector file writer] Fix another FID corner scenario (fixes [#34613](#))

e464d42
- 

 [editor widgets] Fix external resource's image not cleared when brows...

d4cba80
- 

 ...
- 

 [editor widgets] Avoid infinite image resize loop

cb5b54f
- 

 Add missing documentation

1f5e4a1
- 

 [Server] Fix the selection method in server renderer ...

9a9d3b6
- 

 [Tests] QGIS Server access control and Postgres layers ...

def22df
- 

 [Tests][Server] Remove print('CTEST_FULL_OUTPUT') and duplicated line

af2e56e
- 

 [windows] Fix form macro encoding from file on windows ...

01414a8
- 

 [Postgres] Use IN clause instead of OR for whereClause on text primary ...

81a2ec2
- 

 [Processing] Fix getParameterFromString to get Vector Layer data type...

328af1d
- 

 ...
- 

 [Processing] Fix specific exception type in getParameterFromString

772321f
- 

 Fix SIP issue with return results from calculateStatistics ...

f4a793a
- 

 [WFS provider] Do not issue full layer download when requesting featu...

8b89fe8
- 

 ...
- 

 [OGR provider] Fix conflict between layers using same OGR datasource ...

04215e5

...	
 Make QgsMapCanvas a QgsExpressionContextGenerator ...	b9fcc16
 Ensure correct expression context is used in map select tools, ...	a232222
 Also set correct expression context on feature request ...	7f57c8b
 Sipify	90728ca
 Fix incorrect handling of data type in grass raster data provider ...	5942d2c
 Fix qgsinterpolator and qgstinterpolator with NULL value (#43302) ...	ceb2147
 Update tests/src/analysis/testqgsinterpolator.cpp ...	30fbfe2
 Update tests/src/analysis/testqgsinterpolator.cpp ...	5165cfd
 Use a safer approach to update renderers after symbol levels are changed ...	c3c24a0
 Code cleanup and modernization ...	f5aed6d
 Fix memory leaks in renderer widgets ...	1161190
 Don't show symbol levels actions in renderer widgets for renderers ...	df265d4
 Fix build	3aa89f3
 Sipify	660c76f
 Don't try to render font marker symbols in massive font sizes ...	3d04f9e
 fix auto populating when input param is QgsProcessingParameterMapLayer ...	350d7c0
 [symbols] Fix marker symbol bounds incorrectly include bounds of ...	7f91c00
 Fix Python module enviroment setup on Windows ...	e3f9f7b
 [Postgres] Fixes #42778 : don't quote integer array elements to match... ...	7b3667e
 fix convertToCurve not converting CURVEPOLYGON (failing test case)	1a9501b
 fix convertToCurve not converting CURVEPOLYGON	942bad2
 [PyQGIS] Fixes #42488 : Fix QgsFeatureFilterModel SIP interface	a08fb7b
 Fixes #40117 : Copy CRS to clipboard when copying selected features	e82015b
 [Geometry checker] Fix the error resolution ui. Fixes #42489 ...	16161cb
 Fixes missing icon for geometry checker plugin. Fixes #42708	74bbbc5
 BTW use the svg icon	8ad8673
 remove the png icon	009226c

	 fix build	9c87980
	 Fixes #33108 : Fix displayed array list in query builder	aca1a9d
	 [processing][grass] Fix r.proj in Windows ...	a867493
	 Add test for GRASS r.proj alg ...	6795bfa
	 reinstate QWTPOLAR_LIBRARY. Fixes #41910	5beab1d
	 Do not set initial attr values for default clause ...	3e0a965
	 Update src/app/qgsfeatureaction.cpp ...	8f03f04
	 [expression] Allow use of (and return null to) index operator against... ...	e55a514
	 Fix papercut in rule based labeling widget where it's possible ...	5f687b8
	 Fix it's impossible to change a rule based labeling "else" rule ...	1609ea8
	 Fix build	9046e65
	 Fix #43539 , backport from #43579	afffcc3
	 [locator] add open form action, automatically open form for non geome... ...	6cbfce2
	 more precise tooltips for buttons in relation editor ...	a4bc646
	 [temporal] Fix filter generation for vector temporal layers ...	ce5c96b
	 Use more explicit variable name for filter range	9e7212c
	 Fix temporal fields reset if previously set to no value ...	c87462d
	 fix mesh calculator IF operator	7157075
	 test for mesh calculator IF operator and temporal dataset group	9b34771
	 An error message is displayed when an auxiliary layer cannot be created	16bc56f
	 add a is2DClosed test	0ab96b6
	 Adds information when a line is 2D closed but Z are different. While... ...	bccfb2d
	 Indicates z	89b5097
	 adds test from #43582	56052b6
	 is2DClosed -> isClosed2D and fix a typo	a6a2bd9
	 remove boundingBoxIntersects which was not present in the original pr	✓ 81388b2



Commits on Jun 22, 2021


 Allow 2 decimals for raster contour intervals ✓ 79188ff

 Commits on Jun 23, 2021


 [layouts] Restore forced rasterization of whole layout map item ✓ 9d1f56f


 typo ✗ f213887

 Commits on Jun 24, 2021


 initialize embedded python to UTF-8 mode (fixes [#43834](#)) ✗ 2f778dc

 Commits on Jun 25, 2021


 initialize embedded python to UTF-8 mode only with Python >=3.8 (foll... ✗ 502a13d

 Commits on Jun 26, 2021


 tstat.pl: switch to Locales ✗ e724d6d

 Commits on Jul 02, 2021


 fix build (followup [e82015b](#)) ✓ f3e88c3

 Commits on Jul 05, 2021


 fix build (followup [e82015b](#)) ✓ 6b4d797

 Commits on Jul 06, 2021


 fix updating disabled scalar dataset group for mesh layer 61a59b5


 std::as_const --> qgis::a_const ✓ 421009b

 Commits on Jul 19, 2021


 translation update for 3.16.9 from transifex ef8d3a8


 Release of 3.16.9 ✓ 9f8d2f7

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compare: final-3_16_10 ▾



Commits 37



Files changed 95



Commit comments 0



18 contributors



Commits on Jul 21, 2021

-  Fix substr expression function named parameters ... f4b518f
-  Test "substr" function with named parameters ✓ c4313fd
-  Check Geometries/Check for duplicates: avoid assertion in debug build... ✓ bea6d91
- ...
-  Fix opacity slider crash ... ✓ 2239b02
-  Merge pull request #44304 from qgis/backport-44290-to-release-3_16 ... ✓ 4311770
-  [layouts] Fix bounding rectangle for shapes doesn't include stroke ... 7978634
-  [processing] Fix use of data defined parameter values when editing ... 4363982
-  Fix UnicodeDecodeError in Processing history b96f59b
-  Fixes WMTS GetCapabilities and axis order be48393
-  Update results df1b5bb
-  Fix OGC workflow (#43946) a8959c6
-  Test for regression #43905 OAPIF extra query params d31c2f8
-  [fix] #43905 append OAPIF extra query params if url is not empty 27396a2
-  [processing] Fix default value of multiple field selection inputs ... 4054067
-  std::make_unique -> qgis::make_unique 572299a
-  fix project dirtiness when changing layout name 9f4ba42
-  Fixes #37945 : Take tile_buffer parameter into consideration when ... 785e785

	 [processing] Fix file download alg stuck in infinit loop when network... ...	237394f
	 [processing] Fix missing fields in data defined expression builder ...	6d01b32
	 Fix scalebar decoration in rotated map ...	64d40ef
	 Fix typo in QgsMapSettings::visibleExtent() doc	✓ 2cfb903
	Commits on Jul 23, 2021	
	 Fix misleading messages when trying to delete ogr sublayer	✓ 7d647ca
	Commits on Jul 28, 2021	
	 Fix TabInformation equality operator signatures	✓ e6041e8
	Commits on Jul 30, 2021	
	 Fix missing icon in GPS information panel ...	✓ dce8b2d
	Commits on Aug 02, 2021	
	 Consider maximum image width/height also for GetLegendGrahic	4e4b978
	 Update src/server/services/wms/qgswmsrendererer.cpp ...	88e1ae8
	 Update src/server/services/wms/qgswmsrendererer.cpp ...	✗ 2a7d6c7
	 Merge pull request #44510 from mhugent/backport_3_16_max_image_width ...	✓ 32270fc
	 [Backport release-3_16] Fix atlas filtering when exporting using proc... ...	✓ 907d976
	Commits on Aug 03, 2021	
	 [processing] Fix typo in algorithm description	✓ 6bd66b1
	Commits on Aug 05, 2021	
	 Disable ultra-fragile mesh terrain rendering test on CI	✓ ab19c04
	 fix dockerfile path so it matches master (#44576)	✓ 3a797d6
	Commits on Aug 06, 2021	

-   updated connections-default.xml ... e4f98b4
-   Update python/plugins/MetaSearch/resources/connections-default.xml ✓ d597acd
-  Commits on Aug 07, 2021
-   [processing] Fix rasterlayerzonalstats when input raster has no CRS ... ✓ eb4d6c0
-  Commits on Aug 13, 2021
-   translation update for 3.16.10 from transifex bdee522
-   Release of 3.16.10 ✓ e5b665e

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Choose two branches to see what’s changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base: final-3_16_10 ▾

←

compare: final-3_16_11 ▾

 Commits37

 Files changed70

 Commit comments0

 11 contributors

-  Commits on Aug 17, 2021
- 

 Fix crash when holding tab key in some circumstances ...

✓ 615069e
- 

 Merge pull request #44719 from qgis/backport-44718-to-release-3_16 ...

✓ be8d76e
- 

 QgsMessageLogViewer: limit number of messages to avoid blowing RAM (f...
...

9f97ff3
- 

 QgsProcessingAlgorithmDialogBase: limit number of info messages to av...
...

df407ee
- 

 QgsProcessingFeedback: limit number of messages to avoid blowing RAM (f...
...

7db875d
- 

 Rework API and improve memory handling of graph objects ...

f7ce846
- 

 [ogr] Report ESRI multipatch GDB layers as multipolygonz layers ...

b6d3038
- 

 Fix crash in vector layer iteration on Qt6 builds ...

79e247b
- 

 Cleaner loop ...

f26118e
- 

 Fix incomplete message bar messages when exporting items from model ...

0628d70
- 

 Add support for PROJ 8.0.0 in FindProj.cmake. ...

832945a
- 

 Fix leaked GDAL dataset handle when deleting layers ...

ca6de5b
- 

 fix building of process without bindings

70f6649
- 

 Textual fix

f8317f6
- 

 Fix for not resetting numberOf(left)Segments when switching scalebar ...
...

25b43f5
- 

 Fix handleSSLError ignore saved errors

d175bbf

- 

 Fix sticky buttons in expression builder 8b0010a
- 

 fix singleFile property issue 5e4da4b
- 

 set singleFile property inside the QgsLayoutAtlas constructor a455a51
- 

 Initialize return buffers in GetRawChar8 et al. (Port DWG read fix ... ac29a5d
- 

 Fix indentation issue 1cb8df8
- 

 [expressions] Don't cache aggregate results if there's an evaluation 49c150c
- 

 Raise IndexErrors instead of crashing when an invalid index is ... d4b68ae
- 

 Sipify 5a18220
- 

 sipify 242aa98
- 

 [aggregate calculator] Improve result type detection to fix bogus typ... 36b8b31
- 

 [layout] Fix max grid interval value ... 083595f
- 

 [layout] Allow negative values for grid offset ... ✓ ce9eef8

Commits on Aug 23, 2021

- 

 Fix crash when opening form with joined attributes ... 754c9e8
- 

 Don't try to update joined attributes during form initialization ... ✓ 0cbf816
- 

 crssync: write settings to temporary directory (fixes [#44793](#)) ... ✗ 322ae33
- 

 fix build on mac (followup [322ae33](#)) ✓ 5399a6e

Commits on Aug 30, 2021

- 

 Fix a crash when destroying an extent widget while the "draw on canvas" ... ✓ a25c2d8

Commits on Sep 07, 2021

- 

 fix locator crash with all layers filter ([#44972](#)) ✓ e05e9c0

Commits on Sep 09, 2021

- 

 [offline editing] fix overwriting of first field on remote layer when... ... ✓ 6c39e30

Commits on Sep 10, 2021

-   translation update for 3.16.11 from transifex d70edfd
-   Release of 3.16.11 ✓ 26cc1c7

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Security

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base: final-3_16_11



compare: final-3_16_12

 Commits79

 Files changed98

 Commit comments0

 20 contributors

 Commits on Jul 22, 2021

 QgsMessageLogViewer: limit number of messages to avoid blowing RAM (f... 0f68695

...ixes #44202)

 QgsProcessingAlgorithmDialogBase: limit number of info messages to av... cf38f2c

...oid blowing RAM (fixes #44202)

 QgsProcessingFeedback: limit number of messages to avoid blowing RAM (f... ✓ c93bcc1

...ixes #44202)

 Rework API and improve memory handling of graph objects ... ✓ 848000e

Instead of QgsGraphBuilder::graph() taking the ownership of the graph and leaving the QgsGraphBuilder in an unpredictable state, add an explicit "takeGraph" method which takes the existing graph and make the existing "graph" method just return a copy of the graph.

Also fix corresponding memory leaks in network analysis processing algorithms.

Fixes #44079

(cherry picked from commit 4040947)

 Commits on Jul 23, 2021

 [ogr] Report ESRI multipatch GDB layers as multipolygonz layers ... ✓ cd6c395

Apply the same workaround we use for multipatch shapefiles to GDB sources

(cherry picked from commit 7b283b3)

https://github.com/qgis/QGIS/compare/final-3_16_11...final-3_16_12

1/9

- (cherry picked from commit [7829395](#))
-  Fix crash in vector layer iteration on Qt6 builds ... 57caeae
 Decrementing an iterator which is already at the beginning results in a crash
 (cherry picked from commit [6776b1b](#))
 -  Cleaner loop ... ✓ f2d4546
 (cherry picked from commit [6527d59](#))
-  Commits on Jul 27, 2021
-  Fix incomplete message bar messages when exporting items from model designer ... ✓ 3e6d03b
 (cherry picked from commit [1b92951](#))
-  Commits on Jul 29, 2021
-  Add support for PROJ 8.0.0 in FindProj.cmake. ... ✓ 521df10
 proj_api.h is no longer available in PROJ 8.0.0, use proj.h instead.
 Fixes: [#41735](#)
-  Commits on Jul 30, 2021
-  Fix leaked GDAL dataset handle when deleting layers ... ✓ 55e80a7
 Prevents the deletion from actually occurring until QGIS is closed
 (cherry picked from commit [842485f](#))
 -  fix building of process without bindings ✓ 6ca5557
-  Commits on Jul 31, 2021
-  Merge pull request [#44462](#) from qgis/backport-44449-to-queued_ltr_backports ... ✓ 13f5ad8
 ...ports
 [Backport queued_ltr_backports] Fix leaked GDAL dataset handle when deleting layers (3.20)
-  Commits on Aug 04, 2021
-  Textual fix 6375d45
 -  Fix for not resetting numberOf(left)Segments when switching scalebar ... ✓ ed6f4af
 ...unit

- Fix handleSSLError ignore saved errors

✓ 3fe387e
- ↗

Commits on Aug 05, 2021
- Fix sticky buttons in expression builder

✗ 7bc546c
- ↗

Commits on Aug 09, 2021
- fix singleFile property issue

e9f4f98
- set singleFile property inside the QgsLayoutAtlas constructor

✗ a0f359e
- Initialize return buffers in GetRawChar8 et al. (Port DWG read fix ...

0d1afe5

from <https://github.com/LibreCAD/libdxfw>)

From the upstream message:

GetRawChar8() would return spurious memory contents when the read failed, leading to weird crashes later in the code.

Seen with older non-Autocad DWG files (that Autodesk DWG Trueview however accepts with just a warning about their foreign origin) obtained from RC model plane enthusiasts' free plans archive aerofred.com, e.g. their "Canadair p5.dwg"

[LibreCAD/libdxfw@082409c](#)
- Fix indentation issue

✗ a8bd1c8
- ↗

Commits on Aug 11, 2021
- [expressions] Don't cache aggregate results if there's an evaluationerror.

✗ ddc4815

Otherwise subsequent evaluations of the expression will happily grab the cached null variant, unaware that it's actually a result of a broken expression and not a valid null aggregate calculation.

(cherry picked from commit [97f0242](#))
- ↗

Commits on Aug 12, 2021
- Raise IndexError instead of crashing when an invalid index is ...

efb41bf

passed to QgsAttributeTableConfig methods from Python
- Sipify

fae02c5
- sipify

✗ e392a12
- ↗

Commits on Aug 14, 2021

-  [aggregate calculator] Improve result type detection to fix bogus typ... ✗ 44af278
 ...eless scenarios
- Commits on Aug 15, 2021
-  [layout] Fix max grid interval value 9420919
 Increase the maximum value for mIntervalXSpinBox, mIntervalYSpinBox, mOffsetXSpinBox and mOffsetYSpinBox
-  [layout] Allow negative values for grid offset ✗ 84f5d18
 Add the "minimum" property to mOffsetXSpinBox and mOffsetYSpinBox in order to allow the use of negative values for the map grid offset.
- Commits on Aug 17, 2021
-  Added missing type names to uri parsing regex for memory provider 847d4cc
 - This was causing strange field names when cloning layers. fixes [#44087](#)
 - Some code cleanup + QRegexp replaced with QRegularExpression
-  Update src/core/providers/memory/qgsmemoryprovider.cpp c559a41
 Co-authored-by: Andrea Giudiceandrea <andreaerdna@libero.it>
-  MemoryProvider respect field name when parsing a URI with unknown typ... 048e647
 ...eName
-  Default length/precision for double/real fields 75a4f28
-  Regex as cons thread_local d94bcbcb
-  readd lines lost during merge d6df531
-  MemoryProvider native type is boolean and not bool 29a0c37
-  Fix test dcbaf39
-  Fix tests 92d713a
-  Fix list types 48f234c
-  Removed list types as not intended for backport ✓ e1a20d1
-  [Server][Tests] Extend WMS dimension tests ✓ 5e06460
 Add tests on TIME dimension and a date dimension based on a date field.
-  Fix return value of addTopologicalPoints(QgsGeometry) 5173b6f
-  Test addTopologicalPoints results 834fa61
-  Complete addTopologicalPoints result values for QgsVectorLayer; add t... ✓ 9b02d07
 ...ests for error result codes (-1 and 1)



Commits on Aug 18, 2021



Merge pull request [#44361](#) from qgis/backport-44111-to-release-3_16 ... ✓ c6cdb2e

[Backport release-3_16] [Server][Tests] Extend WMS dimension tests



Commits on Aug 19, 2021



[layouts] Allow predefined scale for point layers to fix handling of ... f91e245

...multipoint geometries



[layouts] Fix rendering of dynamic map grids when exporting atlas out... ✓ d39d357

...side of layout designer



Commits on Aug 25, 2021



Avoid duplicate colors in random paletted raster rendering ... 8e56451

When selecting Render type "Paletted/Unique values" for a raster layer that has 23 distinct raster values, QGIS will generate 23 random colors in `QgsRandomColorRamp`, and then these colors will be queried through `QgsPalettedRasterRenderer::classDataFromRaster()`.

The querying of random colors goes through the generic `QgsColorRamp::color(v)` interface, which takes a `v` between 0.0 and 1.0.

To turn a raster value index (0,1,...,22) into a value between 0.0 and 1.0, a division by 22 is applied. `QgsRandomColorRamp` then converts this value back into an index by multiplying by 22 and casting the result to an int.

Dividing an integer by 22 and multiplying the result by 22 and casting to an int is not lossless:

```
>>> int(15 / 22 * 22)
14
```

This causes e.g. the 14th and 15th raster value (0-indexed) to always have the same random color, regardless of how many times you press "Shuffle Random Colors" on a raster with 23 distinct values.

Note that this issue is not exhibited at all for rasters with fewer than 23 distinct values, and certain cardinalities exhibit the issue much more than others; e.g. for 50 distinct values, there are 6 duplicates!

Apply `std::round()` so that the correct index is obtained.



Test that `QgsRandomColorRamp` returns distinct colors ✓ 1d01343



Commits on Aug 26, 2021

  [Attachment widget] Respect relative paths settings by drag&drop 19676d3

  Backport [#44798](#) Fix attachment widget drag&drop relative path ✓ 9f19631

 Commits on Aug 27, 2021

  Merge pull request [#44347](#) from domi4484/backport-44099-to-queued_ltr_... ✓ d5b2217
...backports

Backport "Added missing type names to uri parsing regex for memory provider" ltr

 Commits on Aug 31, 2021

  Fix offset tool does not apply offsets which are only directly ... ✓ f5d8699
entered into the offset distance widget (without mouse moves)

Refs [#44866](#)

 Commits on Sep 06, 2021

  Merge pull request [#44090](#) from qgis/backport-43854-to-queued_ltr_back... ✓ 11fb193
...ports

[Backport queued_ltr_backports] Fix return value of addTopologicalPoints(QgsGeometry)

 Commits on Sep 10, 2021

  [Bugfix] QgsTileMatrix::tileCenter does not return tile center ... ✓ 2077b48
Fixing QgsTileMatrix::tileCenter and add a new unit tests.

  Merge pull request [#45013](#) from rldhont/backport-44979-to-queued_ltr_b... ✓ 0abd95c
...ackports

[Backport release-3_16] [Bugfix] QgsTileMatrix::tileCenter does not return tile center

  [processing] Fix NODATA parameters in GDAL Merge alg ... 1660371
Set NODATA_INPUT and NODATA_OUTPUT as QgsProcessingParameterNumber.Double parameters,
instead of QgsProcessingParameterNumber.Integer

  Fix test for gdal_merge with nodata value ✓ 2aa1135

 Commits on Sep 11, 2021

  Merge pull request [#45022](#) from qgis/backport-45005-to-queued_ltr_back... ✓ dbba1ed
...ports

[Backport queued_ltr_backports] [processing] Fix NODATA parameters in GDAL Merge algorithm



Commits on Sep 12, 2021

 Add missing transfer annotation

✓ 3996de7



Commits on Sep 14, 2021

 Merge pull request [#45032](#) from qgis/queued_ltr_backports ...
Queued ltr backports (3.16.12)

✓ 0e2e98b



Commits on Sep 17, 2021

 Add missing cast code for QgsHashedLineSymbolLayer

✓ f399962



Commits on Sep 20, 2021

 Fix drag to zoom

✓ 0a5a8e7



Commits on Sep 23, 2021

 check if null pointer

8cc9d60

 Update src/plugins/geometry_checker/qgsgeometrycheckerresulttab.cpp

✓ b7a300d

 Merge pull request [#45213](#) from qgis/backport-45203-to-release-3_16 ...
[Backport release-3_16] Fix Check Geometries plugin crash

✓ 7a5799e



Commits on Sep 28, 2021

 Fix rule based symbology doesn't work for columns with '-' in name ...
[Fixes #44379](#)
(cherry picked from commit [51fa984](#))

✓ 797367d



Commits on Oct 06, 2021

 Fix crash when rendering clipped features and clipped shape results ...
in promoting a single part geometry to multipart
[Fixes #45190](#)

✓ c4a8bdd



Commits on Oct 07, 2021

 fix tiny mistakes

1651872

- 
 add tests ✓ 0d64025
-  Commits on Oct 10, 2021
- 
 Merge pull request [#45422](#) from qgis/backport-45389-to-release-3_16 ✓ d329038
 [Backport release-3_16] Fix crash when rendering clipped features and clipped shape results in promoting a single part geometry to multipart
-  Commits on Oct 11, 2021
- 
 Ensure labeling map tools only try to affect labels from vector layers ... e7bd8f8
 Labels from other layer types (eg vector tiles) are unsupported, which results in a crash.

 Fixes [#44486](#)

 (cherry picked from commit [d5d61ed](#))
- 
 Fix build 4932f3a
- 
 Fix test ✓ 515747d
-  Commits on Oct 14, 2021
- 
 Fix v.rectify ✗ d234873
- 
 Fix tests ✓ 243254e
- 
 Merge pull request [#45517](#) from nicogodet/backport-45194-to-release-3_16 ... ✓ 2d9ad36
 [Backport release-3_16] Fix v.rectify
-  Commits on Oct 17, 2021
- 
 Don't restrict smooth algorithm outputs for use as inputs to line parameters ... ✓ e4a8190

 Fixes [#45503](#)
-  Commits on Oct 19, 2021
- 
 Update qgspostgresrasterprovider.cpp ✓ 7b7a724
-  Commits on Oct 22, 2021
- 
 translation update for 3.16.12 from transifex 619bb2d
- 




Release of 3.16.12

✓ be6cb03