

# QGIS LTR is making the world a better place

## What is Long Term Support

### QGIS release cycle

- Past

- Problems

- LTR, LR, DEV

## How to support QGIS (LTR)?

### Case study

## What is LTR?

- ▶ Supported period
- ▶ Software bugs
- ▶ Features
- ▶ Release cycle

## Why LTR?

- ▶ Reliability
- ▶ Stability
- ▶ Less frequent release cycle

## Why NOT LTR?

- ▶ Users
  - ▶ New features
- ▶ Developers
  - ▶ Extra cost
  - ▶ Extra resources
  - ▶ Adding features is more fun!

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## QGIS release - past

### Release early, release often

- ▶ 3 moths of development
- ▶ 1 month of bug fix

QGIS release	Date
2.0 <sup>1</sup>	September 2013
2.2	February 2014
2.4	June 2014
2.6 <sup>2</sup>	November 2014
2.8	February 2015
2.10	June 2015

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<sup>1</sup>To coincide with FOSS4G in Nottingham

<sup>2</sup>Delayed by a week

## QGIS release - problems

### Less reliable software:

- ▶ Bug reporting participation
- ▶ Planned releasing
- ▶ Regressions and blockers

QGIS release	No. of bugs closed
2.0 <sup>3</sup>	1075
2.2	71
2.4	191
2.6	100
2.8 <sup>4</sup>	184

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<sup>3</sup>Change of API

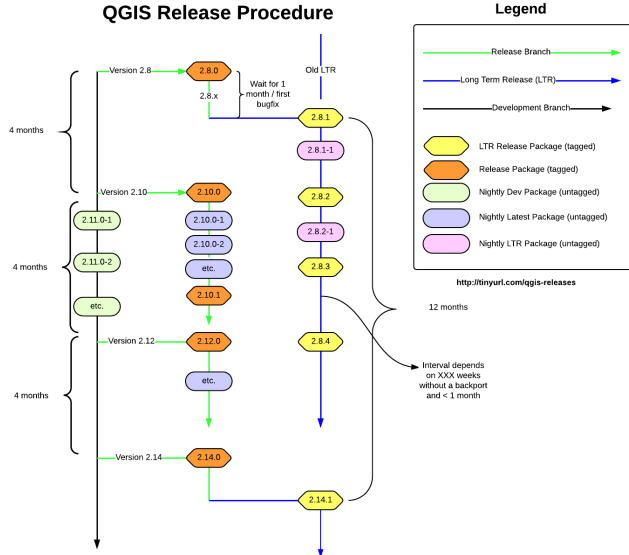
<sup>4</sup>Sum of 2.8.x releases



### Give choice

- ▶ LTR (LTS): If you want reliability
- ▶ LR: If you want new features and don't your house on fire!
- ▶ DEV: Current development branch

# QGIS release - LTR, LR, DEV



## 2.8 in numbers

- ▶ 4 releases: 2.8.0, 2.8.1, 2.8.2 and 2.8.3
- ▶ 184 bugs closed
- ▶ 630 commits on github since 2.7 feature freeze:
  - ▶ 2.8.0: 325
  - ▶ 2.8.1: +33
  - ▶ 2.8.2: +122
  - ▶ 2.8.3: +150
- ▶ 717568 downloads<sup>a</sup>
  - ▶ 2.8.0: 324
  - ▶ 2.8.1: 361907
  - ▶ 2.8.2: 305389
  - ▶ 2.8.3: 49948

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<sup>a</sup>Windows stand-alone installer only

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## How to support QGIS (LTR)?

### You can:

- ▶ Sponsor bug fixing
  - ▶ Donation to QGIS
  - ▶ Contracting QGIS developer(s)

# How to support QGIS (LTR)?



## QGIS.org - Financial Report for 2014

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The reporting period starts on **July 8, 2014**, when QGIS.org obtained its own bank account. Prior to this date, the Swiss QGIS user group handled the finances of qgis.org, with separate accounting. The currency of all items is Euro (€).

### Balance sheet

Account balance on July 8, 2014:	20'719.71
Account balance on December 31 2014:	18'317.79

### Income (period 2014-07-08 to 2014-12-31):

Direct donations (wire transfer):	2'875.84
PayPal donations (includes three bronze sponsorships):	10'889.13
Sponsoring:	10'000.00
Other:	5'008.66
<b>Total Income:</b>	<b>28'773.63</b>

### Expenses (period 2014-07-08 to 2014-12-31)

Paid bug fixing and QA:	20'120.69
Expenses developer meeting:	10'990.09
Other expenses:	64.76
<b>Total Expenses:</b>	<b>31'175.54</b>

# How to support QGIS (LTR)?

## Fix crashes when rendering with SVG symbols that are missing

[Browse files](#)

The crashes would happen after some time when browsing the map, especially when size of SVGs is in map units. This was due to wrong removal of deleted cache entries where cache entry key would be different from SVG file's path, thus not removing the entry that got deleted. Now explicitly keeping the lookup key in the entry to make sure this does not happen.

Related issues: #9959, #8883

master (#1)



wonder-sk authored on 31 Jul

1 parent 1dfec33 commit febadfe21bb1eb5639d5a90d52f845415b31fb7b

Showing 3 changed files with 14 additions and 5 deletions.

[Unified](#)[Split](#)

6 python/core/symbolology-ng/qgssvgcache.sip

[View](#)

```
@@ -14,11 +14,15 @@ class QgsSvgCacheEntry
    14         * @param rasterScalefactor raster scale factor
    15         * @param fill color of fill
```

# How to support QGIS (LTR)?

## You can:

- ▶ Participate
  - ▶ Testing
    - ▶ Run multiple QGIS versions
    - ▶ Test previous bugs
    - ▶ Try new features
    - ▶ Help with other reported bugs
  - ▶ Filing bugs  
(<https://hub.qgis.org/projects/quantum-gis/issues>):
    - ▶ Step-by-step guide to reproduce your bug
    - ▶ Follow-ups
    - ▶ Provide test data



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## Custom installer

- ▶ Pre-configured with data/services
- ▶ Includes templates (print composers, styles, etc.)
- ▶ Directly compiled from LTR source on github
- ▶ Plugin configuration
- ▶ GUI configuration

