



What's new and cool in OpenLayers



Andreas Hocevar / @ahoce
Marc Jansen / @selectoid

FOSS4G 2016

Outline

- (somewhat boring) meta (short)
- What's new and cool in OpenLayers?
- What's new and cool in OpenLayers?
- What's new and cool in OpenLayers?
- What's next?

(somewhat boring)

meta

(short)

Andreas Hocevar



- TODO

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🐙 @ahocevar

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Boundless



- boundlessgeo.com
- TODO

 [@boundlessgeo](https://github.com/boundlessgeo)

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Marc Jansen



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- Since 2007 developer and project lead @ terrestris
- Core developer / PSC member GeoExt
- Core developer OpenLayers
- Author "OpenLayers" (German)
- Speaker & workshop instructor national & international
- OSGeo Foundation Charter Member

terrestris



👤 @terrestris

🐦 @terrestrisde

- terrestris.de
- OpenSource GIS from Bonn, Germany
- Development, Projects & Support/Teaching
- Consulting, planning, implementation & maintenance

What is
OpenLayers?

What is OpenLayers?

“

*A high-performance, feature-packed library
for all your mapping needs.*

— openlayers.org, 2016-06-26

- OpenSource (BSD)
- JavaScript
- OSGeo project

OpenLayers

- ...long history
 - v2.0.0, August 2006
 - v3.0.0, August 2014
 - v3.17.1, July 2016
- many data sources & layer types
- interactions & controls
- actively developed & big community
- well documented & huge number of examples
- usable & used everywhere

TODO: example?

What is new?

What is new?



v3.9.0



v3.17.1
(3.18.0 near)

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: v3.9.0

...

compare: master

Feature galore

~10 slides

What is cool?

outstanding features and internal coolness

~8 slides

September 2015

FOSS4G conference, Seoul, South Korea

OpenLayers developers decide to remove the dependency on Closure Library and allow the use of mainstream build tools and bundlers.

Building app + library with Closure Compiler will still be possible.



Tom MacWright

@tmcw



Following

[@erilem](#) I'm worried about closure and ol3. Big-project infrastructure always inspires big projects to be big and glued together.

6:05 PM - 14 Dec 2012



Eric Lemoine

@erilem



Following

[@tmcw](#) what's brilliant about Closure is that it enables selecting code on a per-function basis, as opposed to a per-file basis

6:11 PM - 14 Dec 2012



August 2016

Closure Library removal is 95% complete

Increased performance with our own lightweight event system and matrix transforms

Library size

September 2015: 143 kB gzipped, minified from 3.8 MB

August 2016: 140 kB gzipped, minified from 2.9 MB

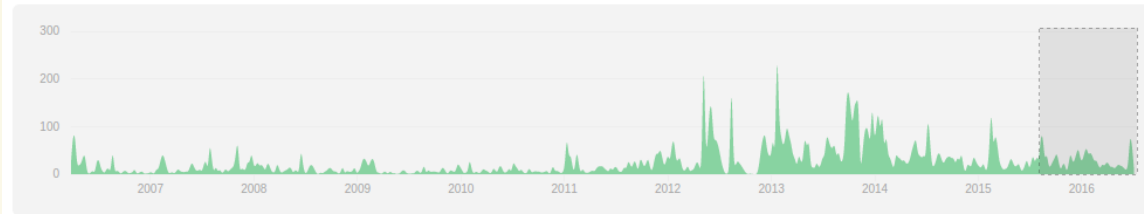
... and the library has grown in terms of features

[Contributors](#)[Traffic](#)[Commits](#)[Code frequency](#)[Punch card](#)[Network](#)[Members](#)

Sep 15, 2015 – Aug 26, 2016

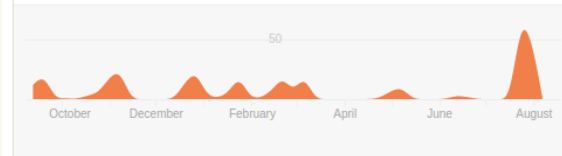
Contributions: **Commits** ▾

Contributions to master, excluding merge commits

**tschaub**

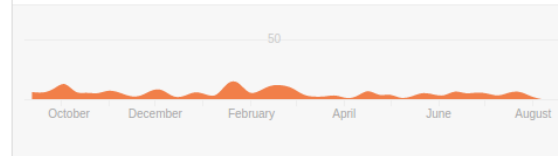
348 commits / 85,059 ++ / 86,099 --

#1

**ahocevar**

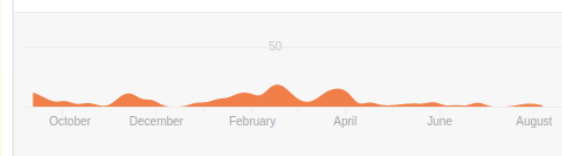
257 commits / 19,851 ++ / 9,913 --

#2

**fredj**

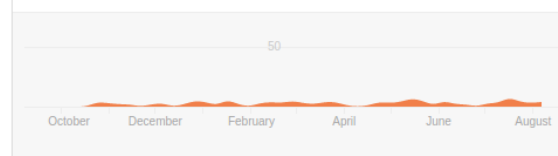
251 commits / 3,421 ++ / 3,778 --

#3

**greenkeeperio-bot**

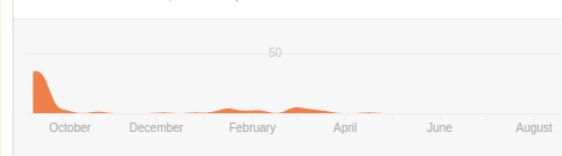
124 commits / 161 ++ / 171 --

#4

**afi marcjansen**

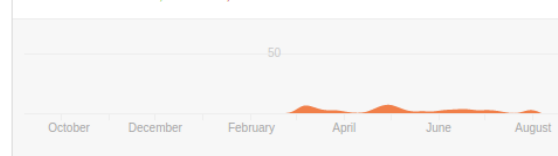
112 commits / 4,030 ++ / 1,517 --

#5

**probins**

63 commits / 3,717 ++ / 3,193 --

#6

**bartvde**

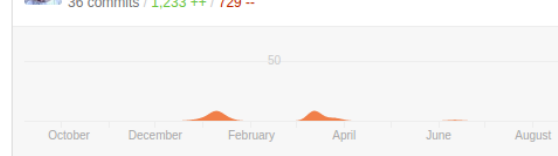
37 commits / 6,593 ++ / 749 --

#7

**nicholas-l**

36 commits / 1,233 ++ / 729 --

#8



Top 8 contributors since v3.9.0

- 4 different companies
- 2 private people
- 7 different countries
- 1 bot

What is next?

Outlook

1-2 slides

Thank you

Questions &
comments?

Imprint

Imprint

Authors

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TODO

TODO

TODO

Austria

TODO

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