

Quality Outreach report March 2017

Quality Outreach Update intro.

The first Quality Report was published in September 2015 [here](#), our intention is to provide a report every six months.

The previous report was issued in September 2016 [here](#).

- Section one looks at the increasing number of FOSS Projects being added to the Quality Outreach wiki
- Section two lists Bug logging activities over the past six months (September 2016 - March 2017).
- Section three lists Projects that have been active in providing feedback on Project Jigsaw.
- Section four lists traffic on quality-discuss@openjdk.java.net
- Section five lists External presentations

1.0 FOSS Projects listed on Quality Outreach Wiki.

We now have **88** FOSS Projects and their developers listed on the Quality Outreach [Wiki](#) page, this is an increase of **18** FOSS Projects since the last report in September 2016. Note, we have a further 16 Projects that we communicate with that are not listed on the wiki i.e 104 projects in total.

All FOSS Projects receive regular updates when Early Access (EA) builds become available , they are encouraged to test and report back any issues they find during their testing. As you will see they have been particularly busy this last six months.

2.0 Bugs logged since September 2016

Developers from **15** of the **104** participating projects filed **37** new issues in the JDK Bug System, this is a slight increase on the 35 bugs logged in the previous six months, however the number of projects logging bugs has increased from 10 to 15 , thank you ! More information in the table below.

Priority	Fixed	Open	Duplicate	Not an Issue	Total
P1	0	0	0	0	0
P2	5	0	0	0	5
P3	15	2	3	3	23
P4	0	9	0	0	9
Total Unique Issues	20	11	3	4	37

Table above lists the number of bugs logged in total - 37 , of which 0 were P1 bugs, 5 were P2 bugs etc.

Component	P1	P2	P3	P4	Total
client-libs	0	0	6	5	11
core-libs	0	1	6	1	8
tools	0	1	5	1	7
hotspot	0	2	4	1	7
security-libs	0	1	2	1	4
Total Unique Issues	0	5	23	9	37

The Table above lists the number of bugs logged by Component . It's clear that bugs have been found across most components, with client-libs benefiting most.

2.1 FOSS Projects logging significant bugs

The following Projects have submitted significant bug reports in the last six months and deserve special mention:

- Apache Lucene
- Apache Maven
- Apache Tomcat
- Apache Commons
- Jacoco
- IntelliJ
- JOSM

Valuable reports were also received from :

- Apache JMeter
- Apache Derby
- Scala
- PDFBox
- Wildfly
- Apache POI
- JUnit5
- RxJava

2.2 Overall Summary of bugs filed to date by Projects.

Priority	Fixed	Open	Duplicate	Not an Issue	Incomplete	Total
P1	11	0	0	0	0	11
P2	33	0	6	5	0	44
P3	54	5	16	18	1	94
P4	7	17	1	8	2	35
P5	1	0	0	0	0	1
Total Unique Issues	106	22	23	31	3	185

3.0 List of FOSS Projects providing feedback on various dev@openjdk.java.net mailing lists.

In the last six months the following Projects have provided very useful feedback on various dev@openjdk.java.net mailing lists

Apache Groovy	Apache Maven	Apache Lucene	Apache Ant	Apache Tomcat
Apache Derby	Byteman	Hibernate	Spring	

4.0 quality-discuss@openjdk.java.net

- Total 20 members participated in various discussions on the mailing list.
- Discussion threads
 - Regression Test failures - 25
 - Test Results - 19
 - Bug Review/discussion - 12
 - EA availability - 9
 - Regression JTR files - 5
 - Download issues - 5
 - Request for addition to OpenJDK Quality Outreach Listing- 4
 - Outreach Survey - 1

External Presentations

- QCON - 20th of October , Shanghai China
 - Preparing for JDK 9
- Shanghai JUGs - 22nd of October

- Preparing for JDK 9
- FOSDEM 2017
 - Presentation
 - JDK 9 Outreach - The Awesome Parts
 - [Video of Presentation](#)
- JCP Executive Committee Meeting on 14th of March 2017
 - Presentation
 - Quality Outreach update
 - Minutes on JCP site are not yet available

The next Quality Outreach report is due in September 2017.