Quality Outreach report June 2019

Quality Outreach Report introduction.

The first Quality Report was published in September 2015 here, our initial intention was to provide a report every six months. We now release

a Feature Release every 6 months so we have decided to publish a Quality Outreach Report every three months.

The previous report was issued in March 2019 here.

- Section one looks at new additions to the list of FOSS Project participating in the Quality Outreach .
- Section two lists Bug logging activities over the past three months (March 2019-June 2019).
- Section three lists FOSS Project's experience testing JDK 13 Early Access builds.
- Section four lists traffic on quality-discuss@openjdk.java.net

1.0 FOSS Projects listed on Quality Outreach Wiki.

We now have **118** FOSS Projects and their developers listed on the Quality Outreach Wiki page, two projects are no longer active and have been removed.

We have added one new FOSS Projects since the last report in March 2019. New Projects added :

1. VAVR

Note, we have a further 14 Projects that we communicate with that are not listed on the wiki i.e 132 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.

2.0 Bugs logged since March 2019

Developers from **8** of the **132** participating projects filed **14** new issues in the JDK Bug System, thank you !

Priority	Fixed	Open	Duplicate	Not an Issue	Total
P1	0	0	0	0	0
P2	0	0	0	3	3
P3	1	3	0	2	6
P4	0	4	1	0	5
Total Unique Issues	1	7	1	5	14

The Table above lists the number of bugs logged in total - **14** , of which 3 was P2 bugs, with 6 P3 & 5 P4 bugs etc.

Components	P1	P2	P3	P4	Total
tools	0	0	4	4	8
core-libs	0	3	2	1	6
Total Unique Issues	0	3	6	5	14

The Table above lists the number of bugs logged by Component. Bugs have been found from tools and core-libs components.

2.1 FOSS Projects logging significant bugs

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

- Apache Lucene
- Apache Ant
- Apache JMeter
- Apache Wicket
- jOOQ
- Apache Maven
- JUnit5
- VAVR

2.2 Overall Summary of bugs filed to date by Projects.

Priority	Fixed	Open	Duplicate	Not an Issue	Incomplete	Won't Fix	Cannot Reproduce	Other	Total
P1	12	0	0	0	0	0	0	0	12
P2	47	0	8	5	0	0	4	2	66
P3	78	14	23	20	3	5	6	0	149
P4	13	31	7	6	4	4	5	0	70
P5	1	1	0	0	0	0	0	0	2
Total Unique Issues	151	46	38	31	7	9	15	2	299

2.3 FOSS Projects logging bugs against JDK 13 Early Access Builds

Priority	Fixed	Open	Duplicate	Not an Issue	Total
P1	0	0	0	0	0
P2	1	0	0	3	4
P3	1	0	0	1	2
P4	0	0	2	0	2
Total Unique Issues	2	0	2	4	8

The following Projects have submitted significant bug reports against JDK 13 ea builds and deserve special mention:

- Apache JMeter
- JOSM
- Apache Wicket
- Equals Verifier
- Apache Ant

3.0   Testing Early Access builds of JDK 13

	FOSS Project	JDK 13 EA	Comments
1	Apache HttpClient	✅	Apache HttpClient 5.0 and 4.5, all tests passed with JDK 13 OpenJDK Runtime Environment (build 13-ea+26)
2	Apache Tomcat	✅	Apache Tomcat - JDK 13 b25/ATR - Tomcat 9.0.x latest source - ant clean test
3	Apache Ant	✅	No issues uncovered for this build (b25) against our Ant project on a Linux system.
4	JaCoCO	✅	everything on our side works fine with JDK 13 EA up to latest available as of today build 23.
6	RxJava	✅	RxJava 2.2.10 snapshot for JDK 13 b25 on Windows 10 x64, Target 12 - Compile: OK, Tests: OK
7	Wildfly	✅	WildFly community application server works like a charm on JDK 13 EA 23

4.0   Discussion of the quality-discuss@openjdk.java.net mailing list

- Total 1 member participated in various discussions on the mailing list.
- Discussion threads
  - JDK 13 EA build Test Results - 12
  - JDK 13 EA availability - 4

The next Quality Outreach report is due in September 2019