Quality Outreach Report up to March of 2016

Quality Outreach Update

The first Quality Report was published in September 2015, our intention is to provide a report every six months.

Here is a summary of the Bug logging activities over the past six months (Sep 2015 - March 2016). There is an extra table for this report. Projects that have been active in providing feedback on Project Jigsaw & Project Verona are listed.

We now have 49 FOSS Projects and their developers listed on the Quality Outreach Wiki page, they are regularly informed of Early Access (EA) builds based on various OpenJDK Projects, and encouraged to report back any issues found during their testing.

Developers from 7 of the 49 participating projects filed 17 new issues in the JDK Bug System, more information in the table below.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Fixed</th>
<th>In Progress</th>
<th>Duplicate</th>
<th>Open</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>P2</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>P3</td>
<td>6</td>
<td>0</td>
<td>3</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>P4</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Total Unique issues</td>
<td>10</td>
<td>0</td>
<td>3</td>
<td>4</td>
<td>17</td>
</tr>
</tbody>
</table>

The Table above lists the number of bugs logged in total - 17, of which 1 was a P1 bug, 3 were P2 bugs etc.

<table>
<thead>
<tr>
<th>Component</th>
<th>P1</th>
<th>P2</th>
<th>P3</th>
<th>P4</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>hotspot</td>
<td>1</td>
<td>2</td>
<td>5</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>core-libs</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>core-svc</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>tools</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>deploy</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>xml</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Total Unique Issues</td>
<td>1</td>
<td>3</td>
<td>11</td>
<td>2</td>
<td>17</td>
</tr>
</tbody>
</table>

The Table above lists the number of bugs logged by Component, its clear that bugs have been found across most components.

<table>
<thead>
<tr>
<th>Raised in Version</th>
<th>Fixed</th>
<th>In Progress</th>
<th>Duplicate</th>
<th>Open</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>JDK 9 EA builds</td>
<td>7</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td>JDK 9-jigsaw EA builds</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>JDK 8 Update EA builds</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>10</td>
<td>0</td>
<td>3</td>
<td>4</td>
<td>17</td>
</tr>
</tbody>
</table>

The Table above lists the number of bugs found in the release listed.

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

- Apache Lucene
- Apache Maven
- JITWatch
- JOSM

Valuable reports were also received from:
JBoss Wildfly
Apache Groovy
JaCoCo

Overall Summary of bugs filed to date by Projects.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Fixed</th>
<th>In Progress</th>
<th>Duplicate</th>
<th>Open</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>P2</td>
<td>22</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>31</td>
</tr>
<tr>
<td>P3</td>
<td>22</td>
<td>7</td>
<td>9</td>
<td>8</td>
<td>46</td>
</tr>
<tr>
<td>P4</td>
<td>5</td>
<td>7</td>
<td>1</td>
<td>7</td>
<td>20</td>
</tr>
<tr>
<td>P5</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Total Unique Issues</td>
<td>59</td>
<td>16</td>
<td>14</td>
<td>18</td>
<td>107</td>
</tr>
</tbody>
</table>

Feedback from projects via development mailing lists

Project Jigsaw has received very useful feedback from the following projects via the jigsaw-dev@openjdk.java.net mailing list.

- Apache Groovy
- Apache Maven
- Apache Lucene
- ElasticSearch
- JOSM
- JITWatch
- JaCoCo
- Clojure
- JBoss Wildfly

Project Verona has received very useful feedback from the following projects via the verona-dev@openjdk.java.net mailing list.

- Apache Lucene
- Hibernate
- JBoss Wildfly

The next Quality Outreach report is due in September 2016.