**Metric 6: Post- Release Defect Density (DD)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 1** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 191 | 10 | 148.539 | 1.35 |
| Checksum | 16 | 2 | 2.783 | 6.47 |
| Checkstyle | 260 | 407 | 249.366 | 2.67 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 2** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 191 | 10 | 148.539 | 1.35 |
| Checksum | 16 | 2 | 2.799 | 6.45 |
| Checkstyle | 267 | 414 | 252.816 | 2.69 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 3** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 181 | 11 | 149.039 | 1.28 |
| Checksum | 17 | 3 | 3.357 | 5.97 |
| Checkstyle | 267 | 424 | 254.287 | 2.71 |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 4** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 183 | 12 | 149.039 | 1.30 |
| Checksum | 16 | 3 | 3.570 | 5.32 |
| Checkstyle | 267 | 426 | 255.309 | 2.71 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 5** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 183 | 12 | 149.039 | 1.30 |
| Checksum | 16 | 4 | 3.570 | 5.60 |
| Checkstyle | 267 | 445 | 255.309 | 2.78 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 6** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 171 | 12 | 149.039 | 1.22 |
| Checksum | 15 | 5 | 4.255 | 4.7 |
| Checkstyle | 267 | 452 | 257.525 | 2.79 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 7** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 171 | 13 | 149.039 | 1.23 |
| Checksum | 15 | 5 | 4.821 | 4.14 |
| Checkstyle | 268 | 464 | 260.813 | 2.80 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Name** | **Version 8** | | | |
| **Defect during development** | **Defect found by user** | **KLOC** | **By user** |
| ImageJ | 171 | 13 | 149.041 | 1.23 |
| Checksum | 16 | 7 | 4.929 | 4.67 |
| Checkstyle | 268 | 482 | 260.898 | 2.87 |