|  |
| --- |
| XX-PROJECTNAME-XX  Version XX-VERSION-XX  Code analysis |

|  |
| --- |
| **By: XX-AUTHOR-XX**  **XX-DATE-XX** |

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# Introduction

This document contains results of the code analysis of XX-PROJECTNAME-XX.

XX-DESCRIPTION-XX

# Configuration

* Quality Profiles
  + Names: XX-QUALITYPROFILENAME-XX
  + Files: XX-QUALITYPROFILEFILE-XX
* Quality Gate
  + Name: XX-QUALITYGATENAME-XX
  + File: XX-QUALITYGATEFILE-XX

# Synthesis

## Analysis Status

|  |  |  |  |
| --- | --- | --- | --- |
| Reliability | Security | Security Review | Maintainability |
| XX-RELIABILITY-XX | **XX-SECURITY-XX** | **XX-SECURITYREVIEW-XX** | **XX-MAINTAINABILITY-XX** |

## Quality gate status

|  |  |
| --- | --- |
| Quality Gate Status | **XX-QUALITYGATE-XX** |

|  |
| --- |
| $QUALITY\_GATE\_STATUS |

## Metrics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Coverage | Duplication | Comment  density | Median number of lines of code per file | Adherence to coding standard |
| XX-COVERAGE-XX % | **XX-DUPLICATION-XX %** | **XX-COMMENTDENSITY-XX %** | **XX-MEDIANNCLOC-XX** | **XX-COMPLIANCE-XX %** |

## Tests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total | Success Rate | Skipped | Errors | Failures |
| XX-TOTAL-TESTS-XX | **XX-TEST-SUCCESS-RATE-XX %** | **XX-SKIPPED-TESTS-XX** | **XX-TEST-ERRORS-XX** | **XX-TEST-FAILURES-XX** |

## Detailed technical debt

|  |
| --- |
| $DETAILED\_TECHNICAL\_DEBT |

## Metrics Range

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cyclomatic  Complexity | Cognitive  Complexity | Lines of code per file | Comment  density (%) | Coverage | Duplication (%) |
| Min | XX-MINCOMPLEXITY-XX | XX-MINCOGNITIVECOMPLEXITY-XX | XX-MINNCLOC-XX | XX-MINCOMMENTDENSITY-XX | XX-MINCOVERAGE-XX | XX-MINDUPLICATION-XX |
| Max | XX-MAXCOMPLEXITY-XX | XX-MAXCOGNITIVECOMPLEXITY-XX | XX-MAXNCLOC-XX | XX-MAXCOMMENTDENSITY-XX | XX-MAXCOVERAGE-XX | XX-MAXDUPLICATION-XX |

## Volume

|  |
| --- |
| $VOLUME |

# Issues

## Charts

## Issues count by severity and type

|  |
| --- |
| $ISSUES\_COUNTS |

## Issues List

|  |
| --- |
| $ISSUES\_DETAILS |

# Security Hotspots

## Security hotspots count by category and priority

|  |
| --- |
| $SECURITY\_HOTSPOTS\_COUNT |

## Security hotspots List

|  |
| --- |
| $SECURITY\_HOTSPOTS\_DETAILS |