

# Metrics

<b>Complexity</b>	<ul style="list-style-type: none"><li>• McCabe's Cyclomatic Complexity</li><li>• Halstead Complexity</li><li>• LOC/method</li><li>• Weighted Methods per Class (WMC)</li><li>• Number of Parameters</li><li>• Depth of Inheritance Tree</li></ul>	<ul style="list-style-type: none"><li>• #Children</li><li>• Specialization Index</li><li>• #Overridden Methods</li><li>• Nested Block Depth</li><li>• Response for Class</li></ul>
<b>Coupling</b>	<ul style="list-style-type: none"><li>• Coupling between Objects</li><li>• Fan-in, Fan-out (Afferent/Efferent Coupling)</li><li>• Information Flow</li></ul>	<ul style="list-style-type: none"><li>• Instability</li><li>• #Interfaces</li></ul>
<b>Cohesion</b>	<ul style="list-style-type: none"><li>• Lack of Cohesion of Methods</li><li>• Weighted Methods per Class</li><li>• LOC/Method</li></ul>	

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Size	<ul style="list-style-type: none"><li>• LOC (source and test)</li><li>• #Modules</li><li>• #Classes</li><li>• #Methods</li><li>• #Interfaces</li><li>• Weighted Methods per Class</li></ul>	<ul style="list-style-type: none"><li>• LOC/Module</li><li>• LOC/Method</li><li>• LOC/Class</li><li>• #Attributes</li><li>• #Static Attributes</li><li>• #Packages</li></ul>
Reusability	<ul style="list-style-type: none"><li>• Depth of Inheritance Tree</li><li>• #Children (bigger is good)</li><li>• Fan-in</li><li>• Specialization Index</li><li>• Distance from Main</li></ul>	<ul style="list-style-type: none"><li>• Abstractness</li><li>• Instability</li><li>• #Overridden Methods</li><li>• #Interfaces</li></ul>
Testability	<ul style="list-style-type: none"><li>• #Asserts</li><li>• Line Coverage</li><li>• Branch Coverage</li><li>• Method Coverage</li><li>• Total Coverage</li></ul>	<ul style="list-style-type: none"><li>• Response for Class</li><li>• Depth of Inheritance Tree</li><li>• #Children</li><li>• #Overridden Methods</li></ul>