Testability Scenarios

Brian Collins, Marina Kraeva

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| **Portion of Scenario** | **Values** |
| Source | Automated testing tool with human set up |
| Stimulus | Test that the dependency resolver will correctly return dependencies of a jar file. |
| Environment | Development, run time |
| Artifacts | Dependency Resolver module |
| Response | Compare the results of running the dependency resolver with the correct answer based on a previously made set of jar files. |
| Response Measure | 100% success percentage of the tests run |

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| **Portion of Scenario** | **Values** |
| Source | Acceptance testers |
| Stimulus | The file system listener correctly finds newly inserted plugin files. |
| Environment | Development, run time |
| Artifacts | File System Listener module |
| Response | See that the program can recognize that a file has been added to the plugins folder. If possible, see that the response occurs just after adding a file. |
| Response Measure | 100% success percentage of the tests run |

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| **Portion of Scenario** | **Values** |
| Source | Acceptance testers (another team) |
| Stimulus | Test that the system will work with plugin files meant to work for another team’s system. |
| Environment | Run time |
| Artifacts | Entire system, foreign plugin jars |
| Response | The other team will run the program as they would theirs. The program will either work, or it will be incompatible. |
| Response Measure | 100% success percentage of the tests run |