

# Software Testing

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# 1 Test Plan

## 1.1 Introduction

### 1.1.1 Tools

JUnit has been used to create automated unit tests for the software. UI tests? Git versioning has been used to ensure that ..?

## 1.2 Test Coverage

As stated in the project brief, the testing only needs to cover the `sim.engine`, `sim.field` and `sim.field.grid` packages, but not their subpackages. `sim.engine` is responsible for the core simulation management, including the agent scheduling. `sim.field` provides abstract classes for the representations of space in MASON simulation models, with subpackages managing specific instances of these. `sim.field.grid` provides various 2D and 3D grid representations of simulation space.

# 2 Test Case Specifications

# 3 Test Results

# 4 Test Summary Report

## 5 References