COM1028 Software Engineering
Testing Report Part 2
Jamie Munro
6480591, jm01301@surrey.ac.uk

1. Introduction
This document will set out the testing procedures for the Code Snippet Manager Project

2. Requirements Testing
Below is a test plan and evidence of such testing for testing the mandatory functional requirements for the project.

2.1. Requirements Test Plan

Test No.	Requirement No.	Preconditions/ Dependencies	Expected Inputs	Expected Results	Test Evaluation
1	F1	Assume initial state created	User clicks new snippet button	A new snippet should be created and shown to the user	By visual inspection, and outputting positive screenshot
2	F2	Assume initial state created	None	Text fields for title, description, programming language, date created and tags should be visible to user	By visual inspection, and outputting positive screenshot
3	F3	Assume initial state created, at least one snippet created, snippet selected	None	Accurate date data should be visible to the user in the top right	By visual inspection, and outputting positive screenshot
4	F4	Assume initial state created, at least one snippet created	User should close the reopen application	Snippets should have persisted	By visual inspection, and outputting positive screenshot
5	F5	Assume initial state created, at least one snippet created, search cleared	None	Titles of snippets should be visible in left pane	By visual inspection, and outputting positive

Jamie Munro

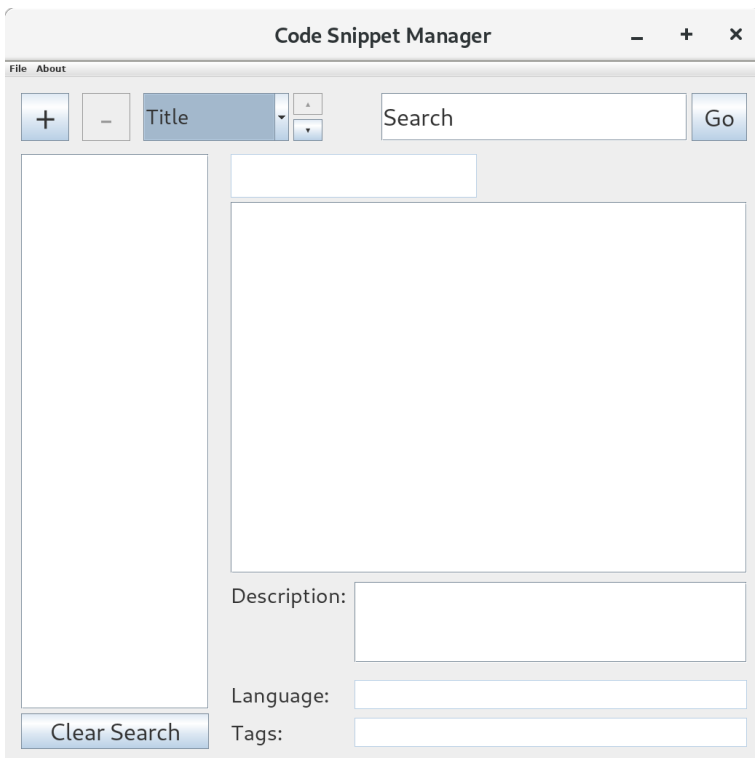|					screenshot
6	F6, F7	Assume initial state created, at least two snippets created	User should select "Date" from drop down list and then click ascending	Left pane results should be sorted by date in ascending order	By visual inspection, and outputting positive screenshot
7	F6, F7	Assume initial state created, at least two snippets created	User should select "Date" from drop down list and then click descending	Left pane results should be sorted by date in descending order	By visual inspection, and outputting positive screenshot
8	F6, F7	Assume initial state created, at least two snippets created	User should select "Language" from drop down list and then click ascending	Left pane results should be sorted by language in ascending order	By visual inspection, and outputting positive screenshot
9	F6, F7	Assume initial state created, at least two snippets created	User should select "Language" from drop down list and then click descending	Left pane results should be sorted by language in descending order	By visual inspection, and outputting positive screenshot
10	F6, F7	Assume initial state created, at least two snippets created	User should select "Title" from drop down list and then click ascending	Left pane results should be sorted by title in ascending order	By visual inspection, and outputting positive screenshot
11	F6, F7	Assume initial state created, at least two snippets created	User should select "Title" from drop down list and then click descending	Left pane results should be sorted by title in descending order	By visual inspection, and outputting positive screenshot
12	F8	Assume initial state created, at least two snippets created, search cleared	User should enter a search term then hit enter	Relevant snippets should appear in left pane	By visual inspection, and outputting positive screenshot
13	F9	Assume initial state created, at least one snippet created	User should select a snippet from the left pane	Selected snippet should be displayed to the user	By visual inspection, and outputting positive screenshot
14	F10	Assume initial state	User should	Selected	By visual

		created, at least one snippet created, snippet selected	click the delete button	snippet should be deleted	inspection, and outputting positive screenshot
15	F11	Assume initial state created, at least one snippet created, snippet selected	None	Title and date visible	By visual inspection, and outputting positive screenshot
16	F11	Assume initial state created, at least one snippet created, snippet selected	User should edit title, close application, open application	Title change should have persisted	By visual inspection, and outputting positive screenshot
17	F11	Assume initial state created, at least one snippet created, snippet selected	User should clear text in title field and then select another field	The application should insert text back into field so it is not left empty	By visual inspection, and outputting positive screenshot
18	F12	Assume initial state created, at least one snippet created, snippet selected	None	Code visible in right pane	By visual inspection, and outputting positive screenshot
19	F13	Assume initial state created, at least one snippet created, snippet selected	Code should be edited, close application, open application	Code changes should have persisted	By visual inspection, and outputting positive screenshot

Jamie Munro

2.2. Evidence of the Testing

2.2.1 Test 1

Before:

After:

Status: Passed

Jamie Munro
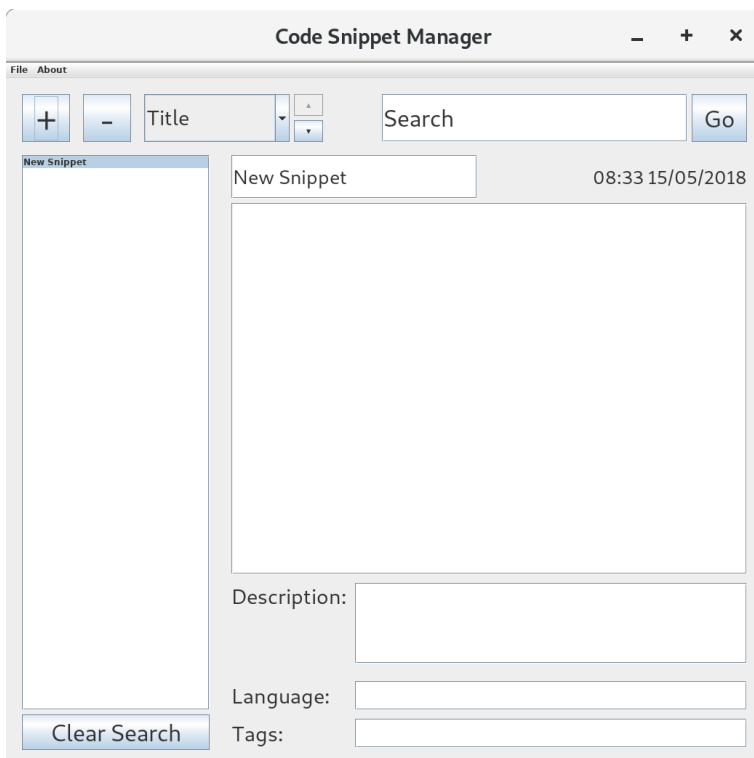
2.2.2 Test 2

Screenshot:
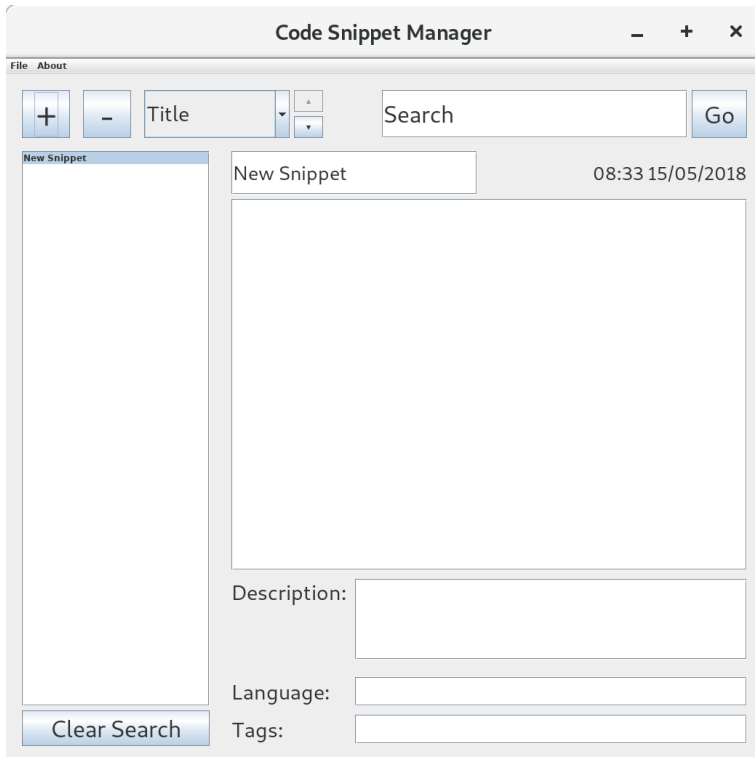
Status: Passed

Notes: Fields for title, code, description, language and tags clearly visible

Jamie Munro

2.2.3 Test 3

Screenshot:
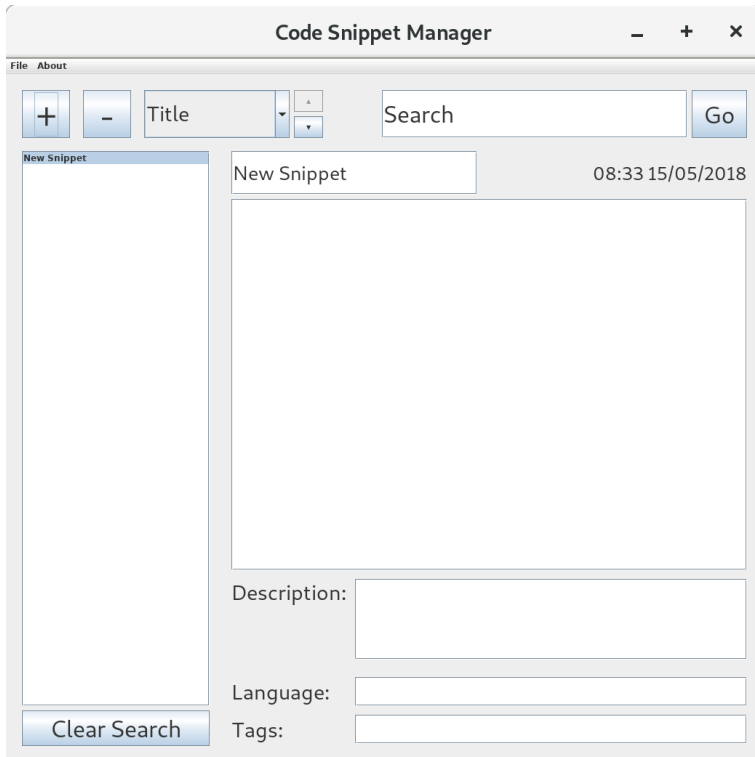
Status: Passed

Notes: Accurate date clearly visible in top right corner

Jamie Munro

2.2.3 Test 4
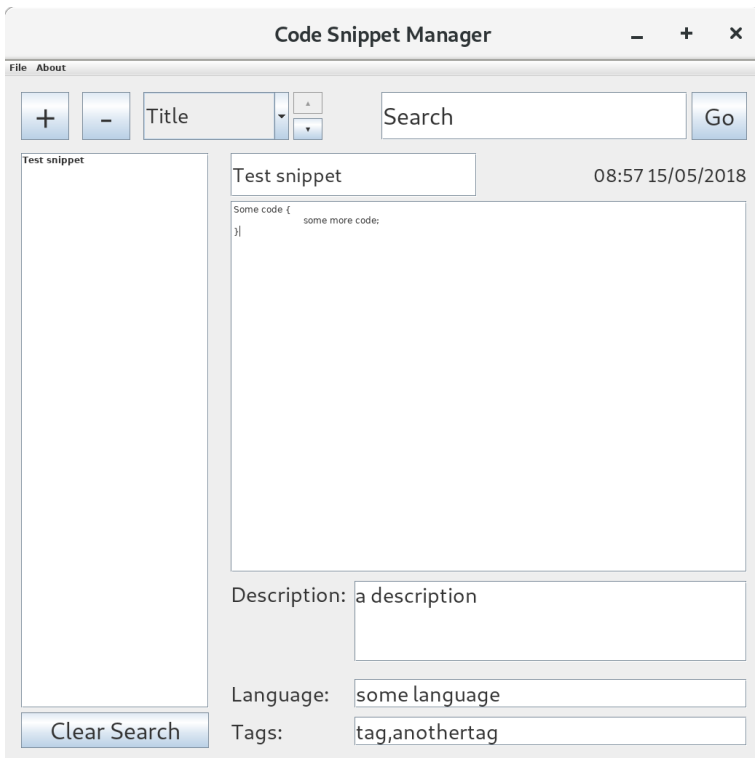
Before:

After:
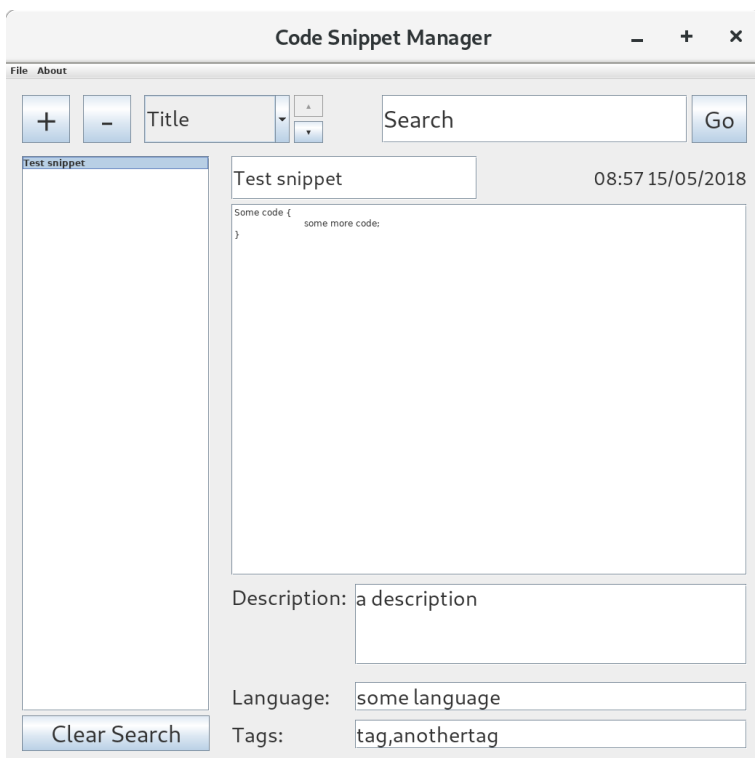
Status: Passed

Jamie Munro

2.2.5 Test 5

Screenshot:
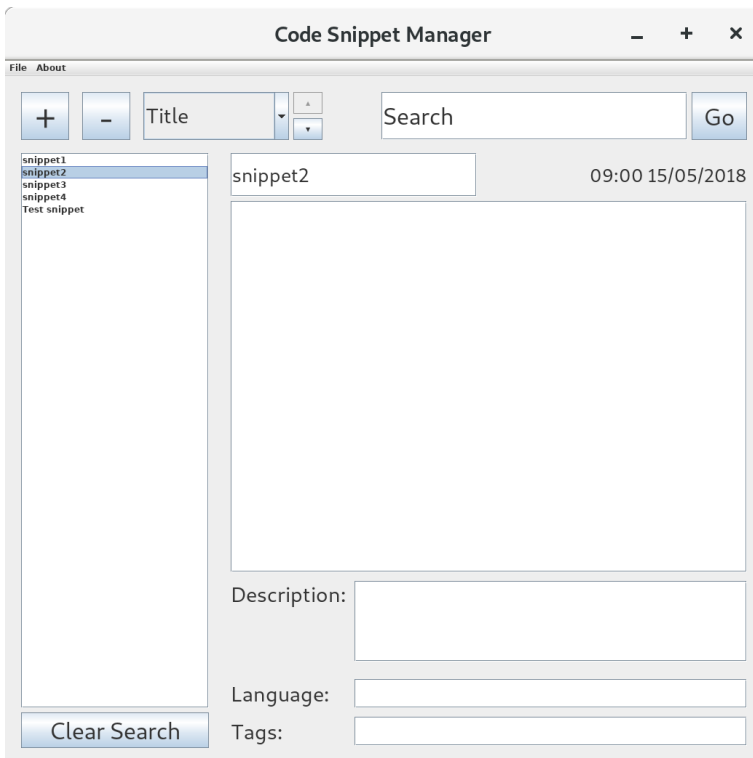
Status: Passed

Notes: Items down left pane clearly visible

Jamie Munro

2.2.6 Test 6

Before:
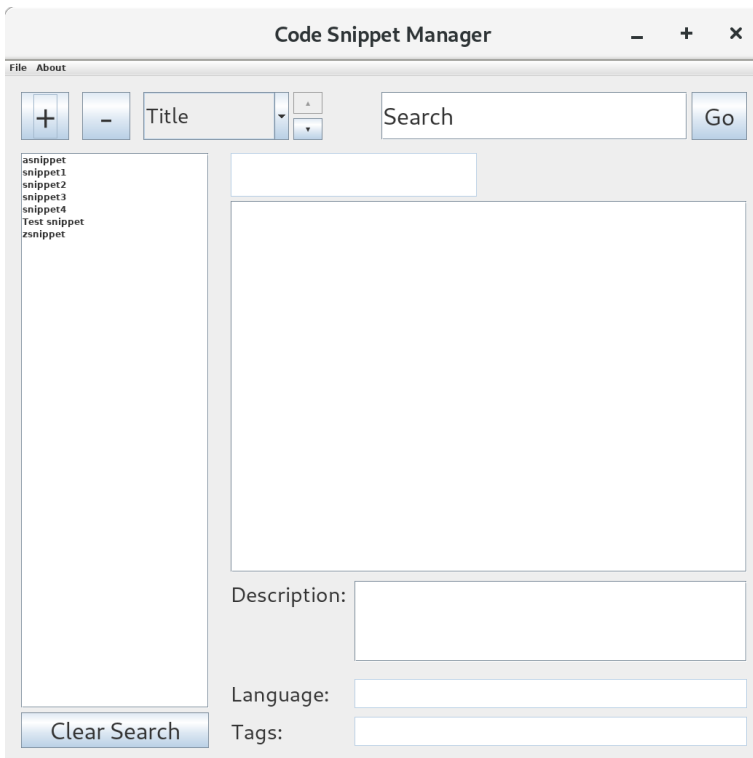
After:
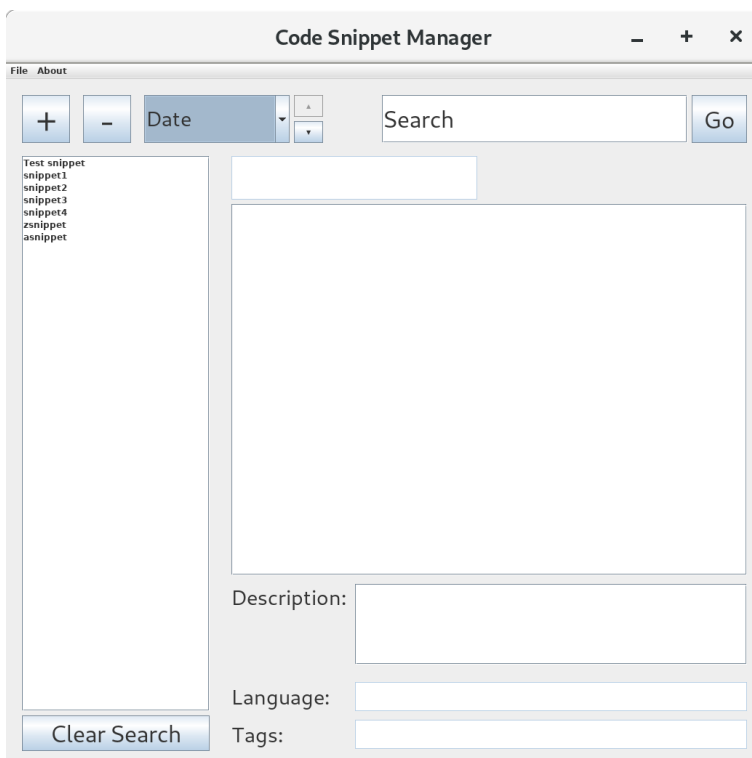
Status: Passed

Jamie Munro

2.2.7 Test 7

Before:
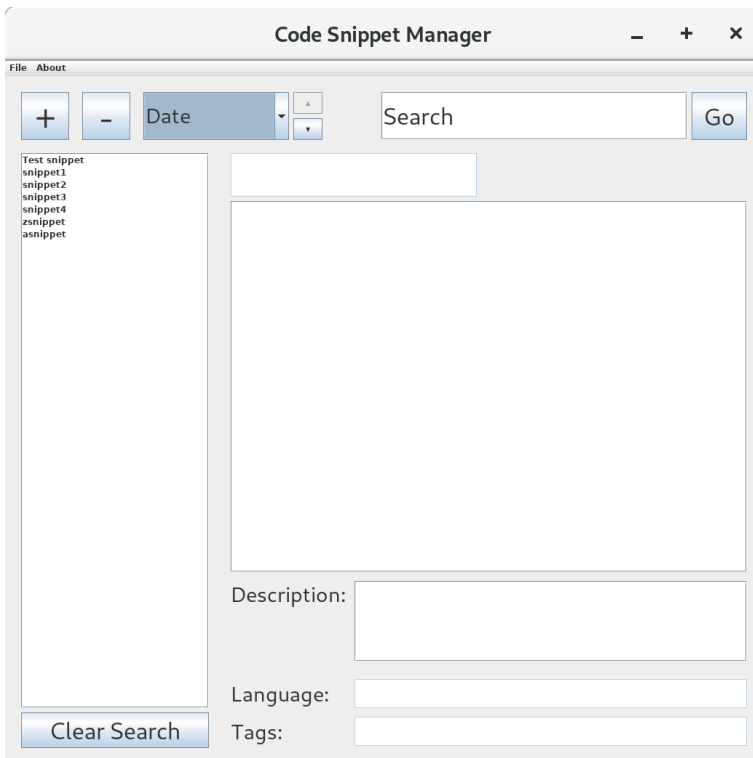
After:
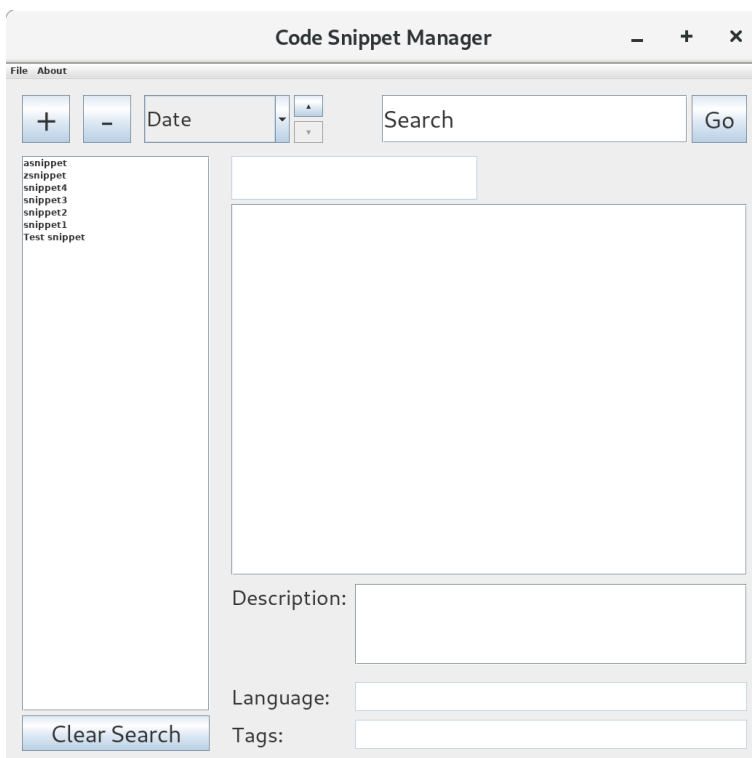
Status: Passed

Jamie Munro

2.2.8 Test 8
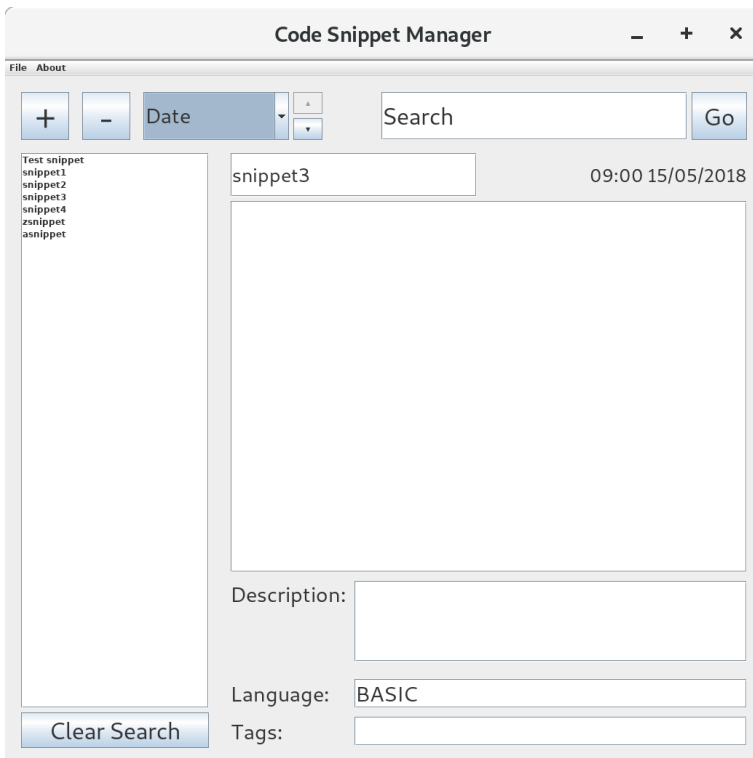
Before:

After:
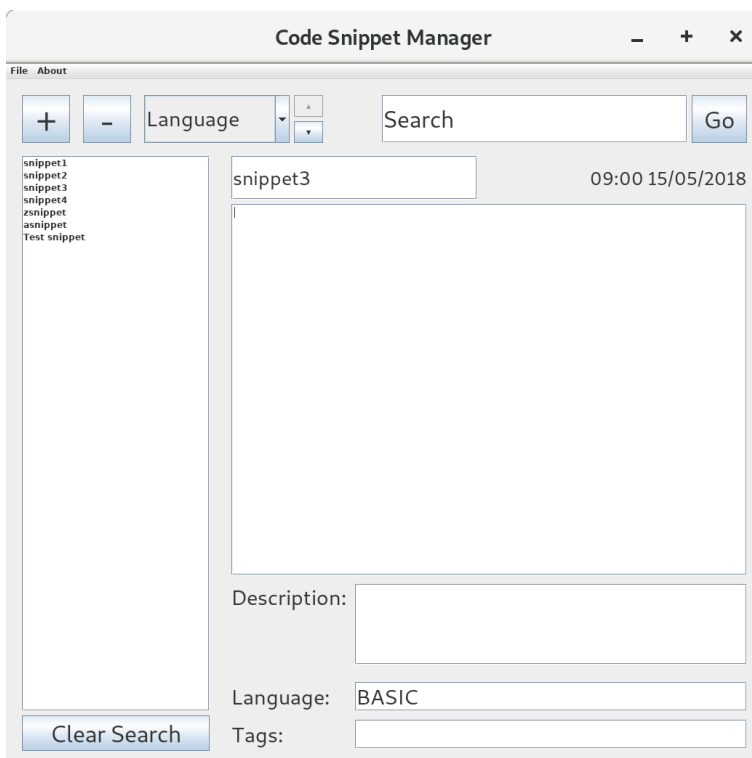
Status: Passed

Jamie Munro

2.2.9 Test 9
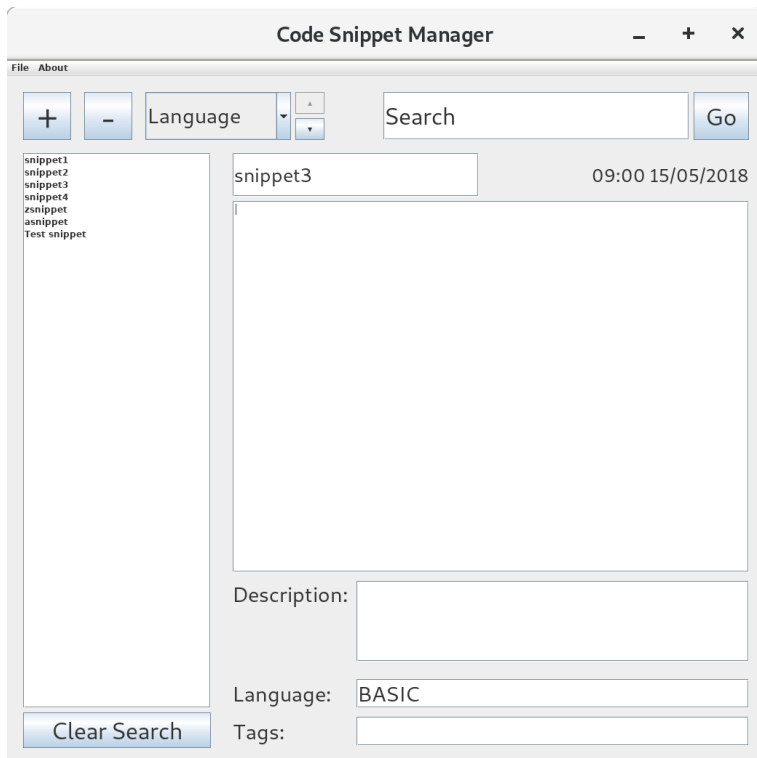
Before:

After:
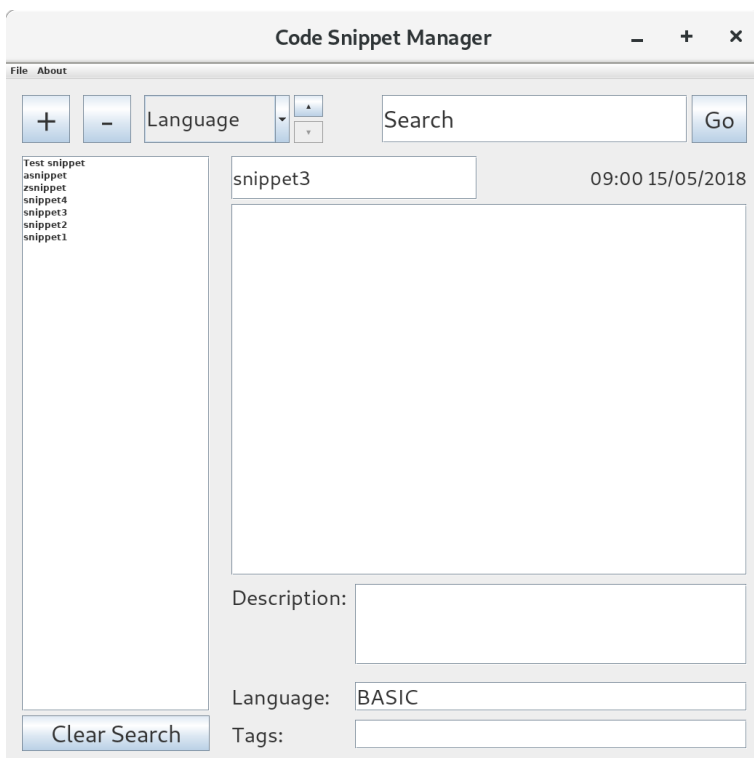
Status: Passed

Jamie Munro

2.2.10 Test 10

Before:
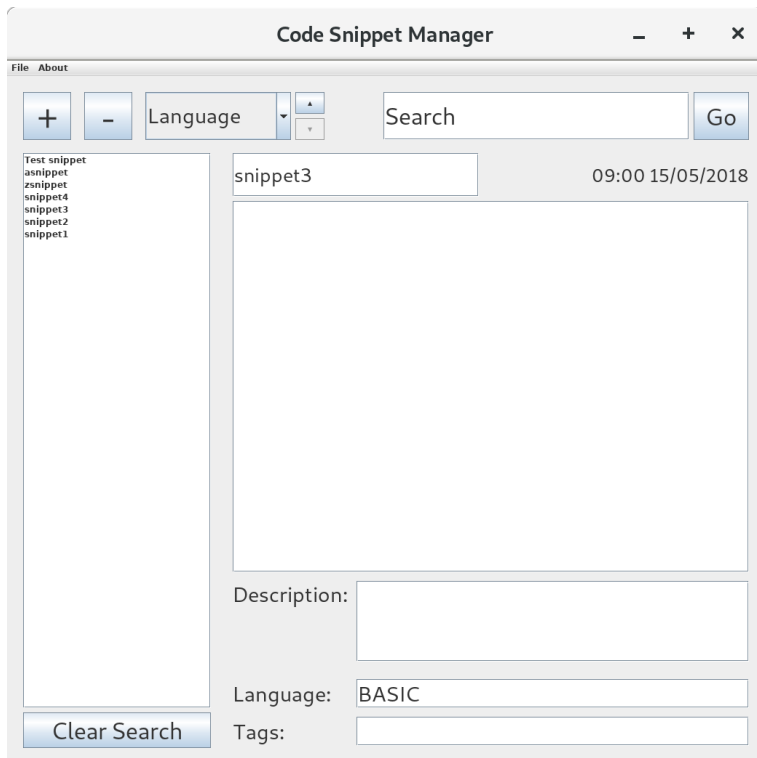
After:
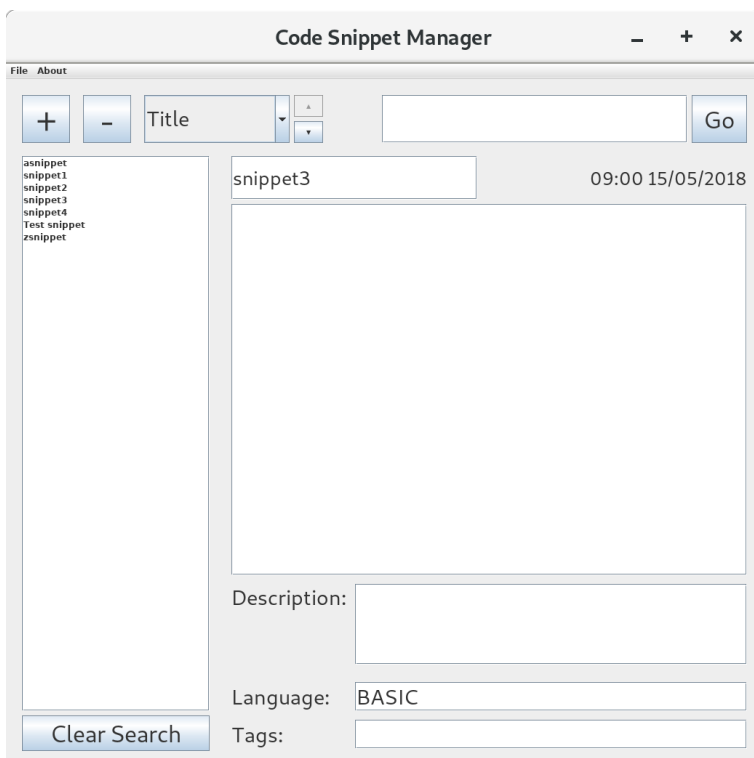
Status: Passed

Jamie Munro

2.2.11 Test 11

Before:
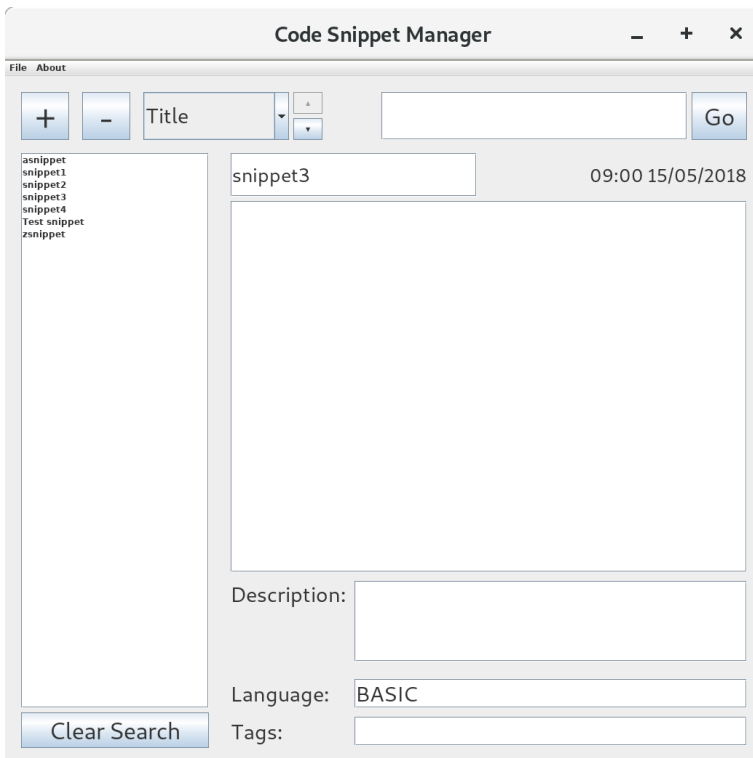
After:
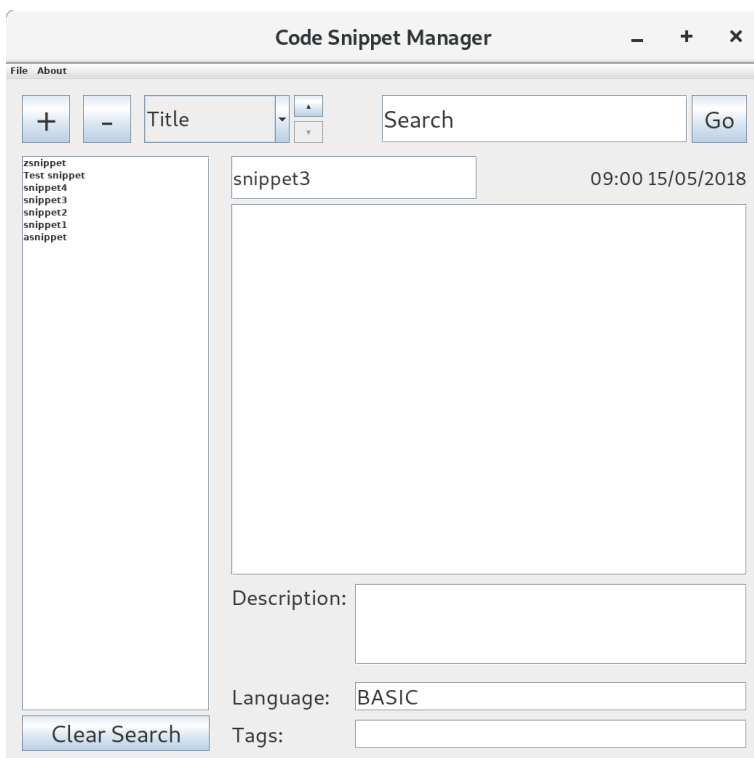
Status: Passed

Jamie Munro

2.2.12 Test 12

Before:
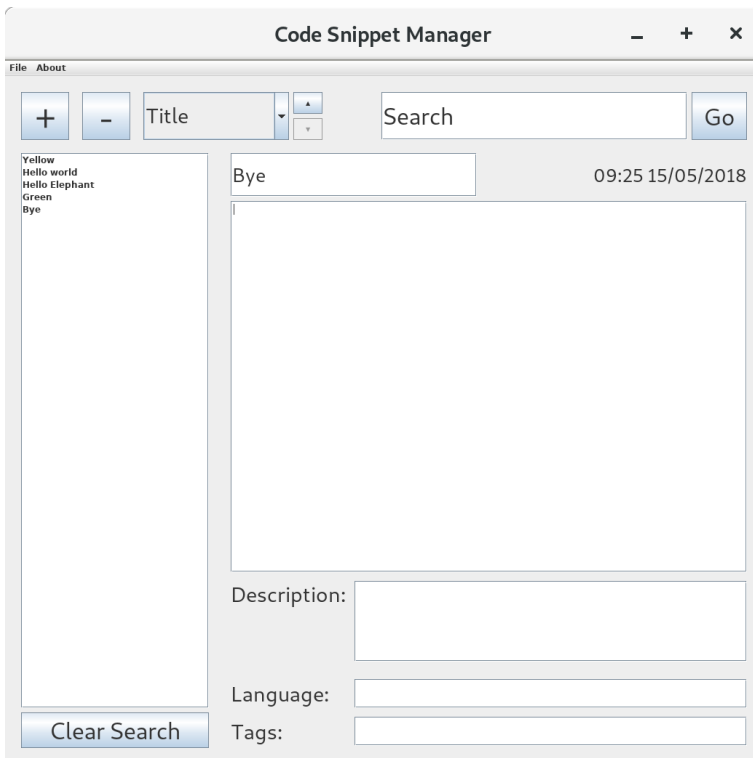
After:
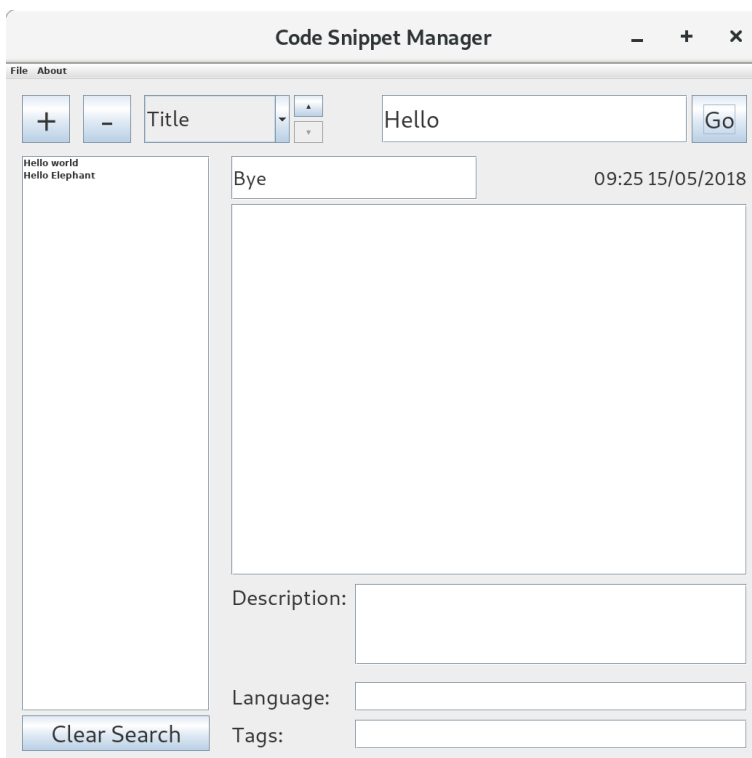
Status: Passed

Jamie Munro

2.2.13 Test 13

Before:
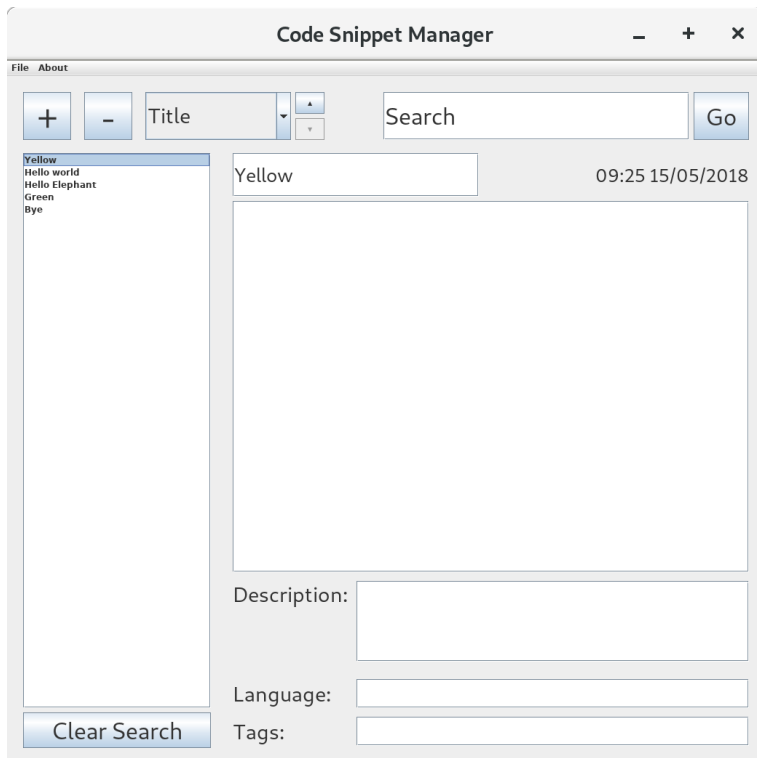
After:
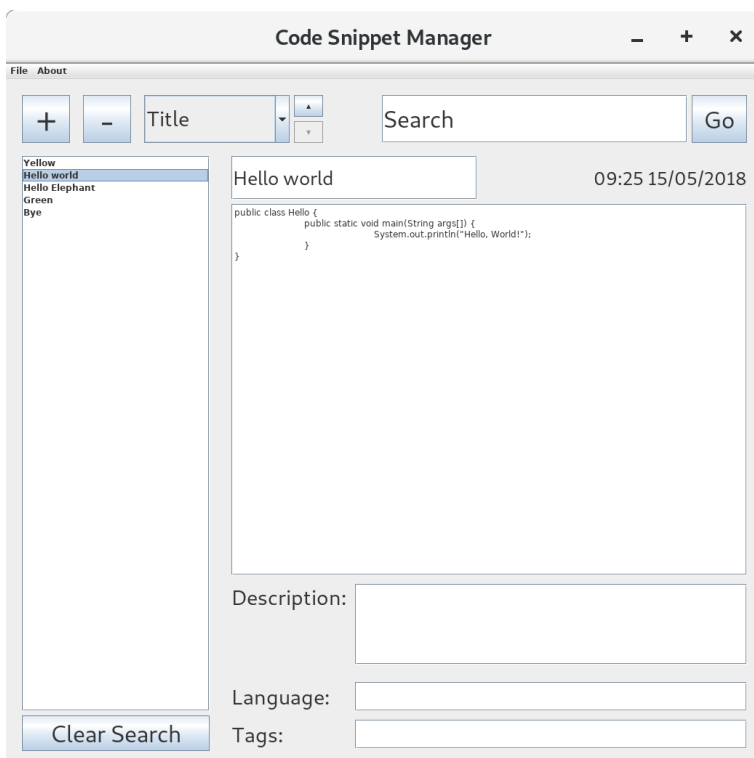
Status: Passed

Jamie Munro

2.2.14 Test 14

Before:
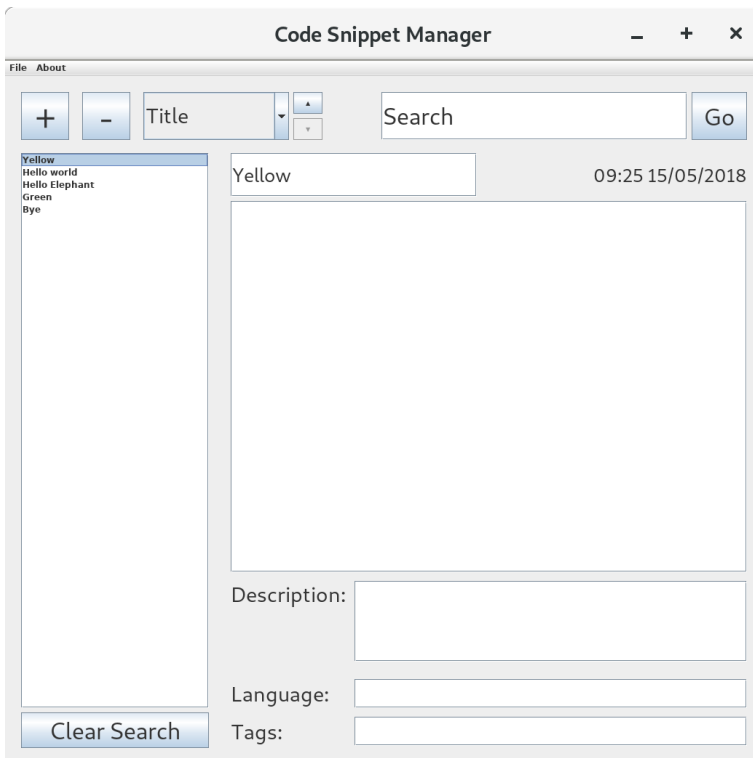
After:
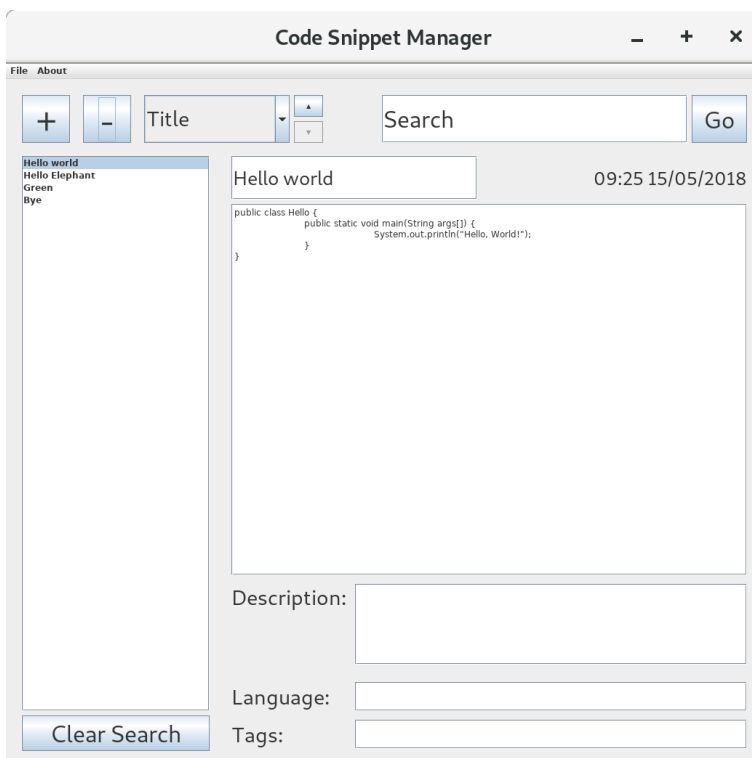
Status: Passed

Jamie Munro

2.2.15 Test 15

Screenshot:
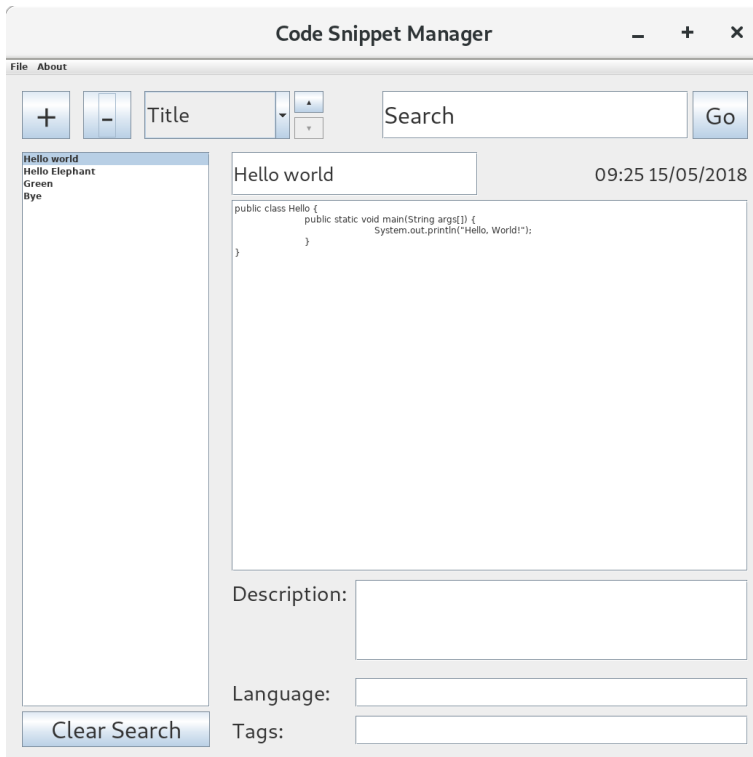
Status: Passed

Notes: Title and date clearly visible

Jamie Munro

2.2.16 Test 16

Before:
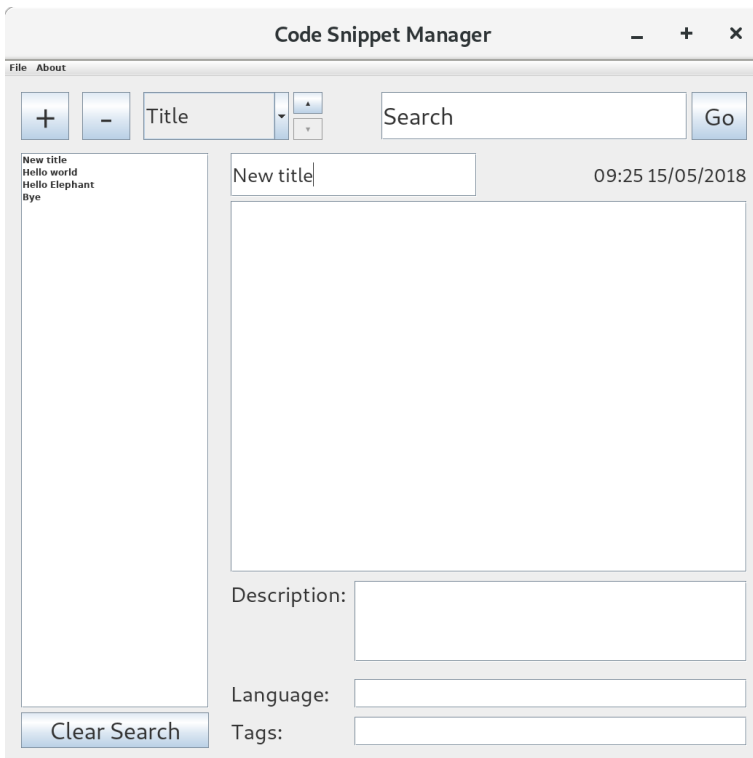
After:
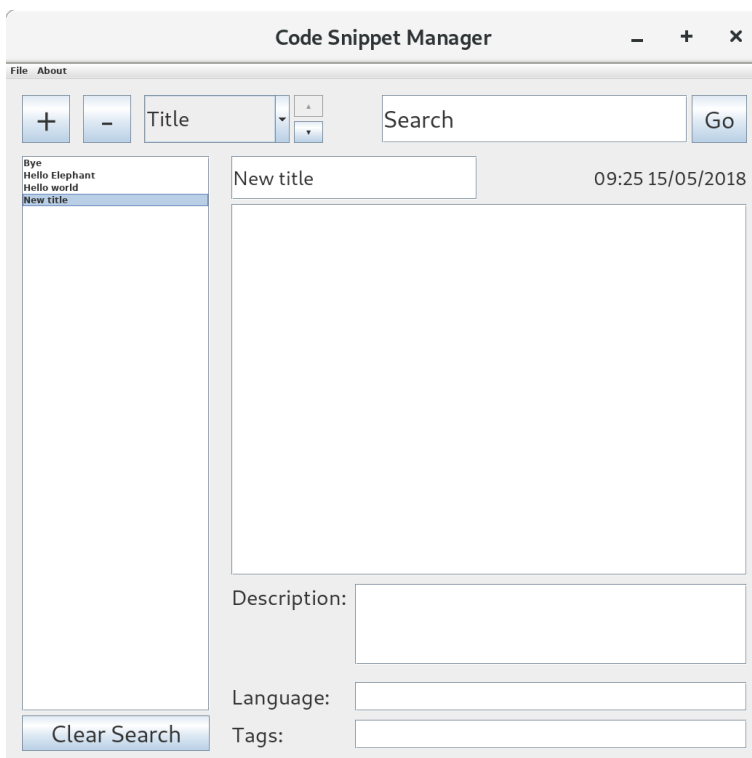
Status: Passed

Jamie Munro

2.2.17 Test 17

Before:
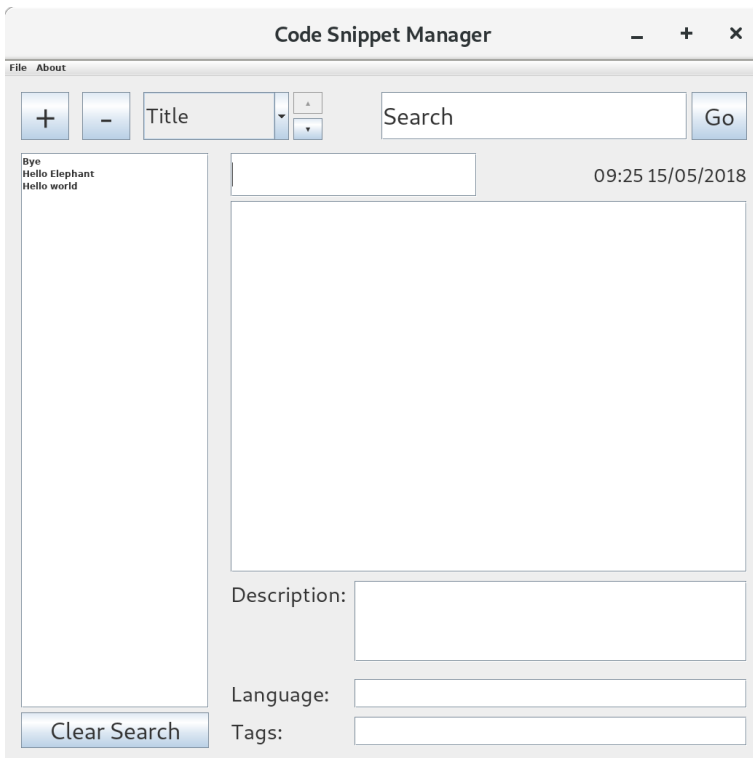
After:
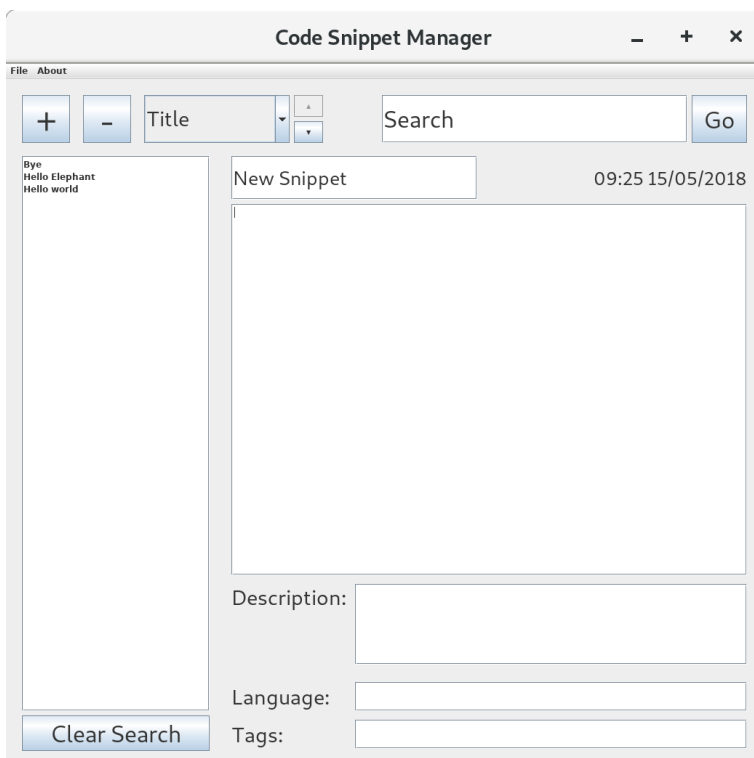
Status: Passed

Jamie Munro

2.2.18 Test 18

Before:
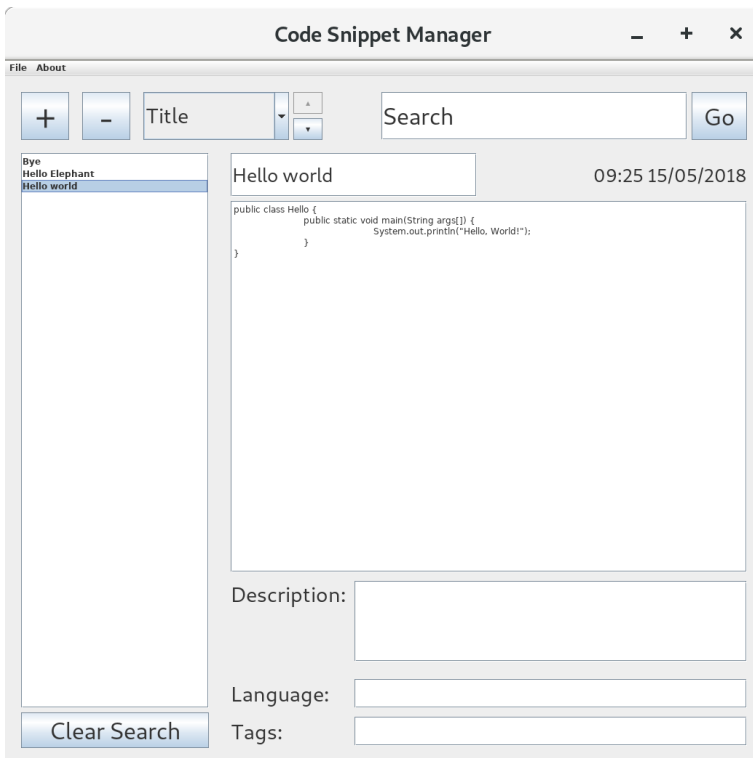
Status: Passed

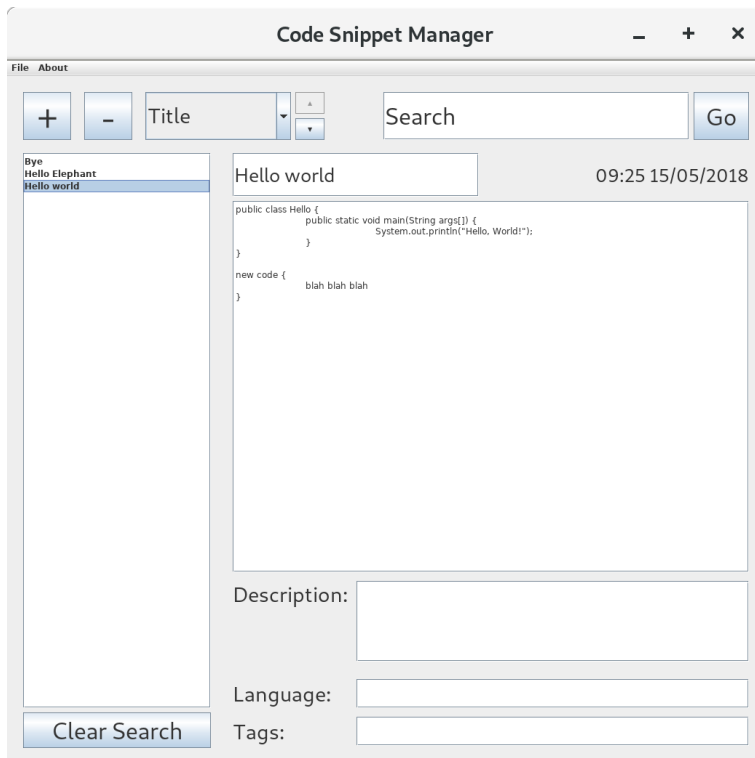**Notes:** Code clearly visible in right pane

Jamie Munro

2.2.19 Test 19

Before:

After:

Status: Passed