

Serie 2 - Smalltalk Development

Exercise 1

Model a phone address book. The address book should provide:

- search by name
- search by phone number
- search by address
- search by telephone number

You should provide a set of test unit cases for testing the behavior of the application. Look into Chapter 7 of *Pharo by Example* for instructions on how to build unit tests.

Questions:

- How many classes did you use?
- Which is the responsibility of each class?
- How many methods per class in average does your system have?
- How many test classes does your system have?
- How many tests do you have?
- What is the coverage of your tests?

Note: This exercise involves Chapters 3 to 9 of *Pharo by Example* book. Under no circumstances we expect the student to read all these chapters. On the other hand, we recommend that these chapters are used as reference material while developing this simple system.