CSCI910/410 – Software Requirements, Specifications and Formal Methods

Tutorial 1

Objectives

- Get familiar with the fundamental concepts of software development
- Get familiar with the fundamental concepts of software requirement

Exercise 1:

Based on your own knowledge, discuss why different application types require specialized software engineering techniques to support their design and development.

Exercise 2:

Consider the integration and configuration process model shown in Figure "Reuse-oriented software engineering". Explain why it is essential to repeat the requirements engineering activity in the process.

Exercise 3:

Suggest why it is important to make a distinction between developing the user requirements and developing system requirements in the requirements engineering process.