

Service-oriented software engineering, Spring 2013

Home exam, 25 February 2013.

Answer the following three questions and submit your answers on a pdf-file via email (Toni.Ruokolainen@cs.Helsinki.FI). The deadline for the home exam (and the course portfolio) is 15 March 2013.

1. (6 points) **Define the following concepts and describe how they are associated to and what are their roles in service-oriented software engineering:**
 - a) software process model
 - b) service-oriented architecture, and
 - c) service ecosystem.

2. (6 points) **Write a short essay (about 500 words) about the following topic: *"Design principles and their role in service-oriented software engineering"***

3. (8 points) **What are cohesion principles? Give at least three examples of different cohesion principles that are applicable in service-oriented software engineering. Finally, describe what cohesion principles you used in your SoaML modelling and why. How does this selection show in your SoaML model? Why didn't you use other cohesion principles?**