# Viva Questions

This document contains a lists of questions I came up with by myself during the viva preparation process, starting mid December. The questions are ordered by their type e.g. whether they are more technical, or related to the overall contribution or deal with consistency / narrative of the thesis, etc.

Note that there are NO written answers to these questions because this list of questions act as a practice guide, where the intention is that the questions are given by freely speaking without lot of formal preparation – after all I do not really know what's coming during the viva.

An important inspiration was the book “How to survive your viva” by Rowena Murray. Another source of inspiration for many questions was a highly critical reading of my own thesis, which proved to be highly valuable.

# Contribution

What is the original / unique research contribution (to knowledge) of your Ph.D. / thesis?

What do you think is the most valuable contribution of your Ph.D. / thesis?

# Coherency and Narrative

You say in the introduction that the central theme of your thesis is purity but in Chapter 8 “Concurrent ABS” you ‘sacrifice’ purity for the sake of parallel ABS by utilising STM. Why did you sacrifice purity? Why do you make purity the central theme but then violate it?

# Technical

Why do Monads NOT compose?

What exactly are Arrows?

What exactly are Monads?

Reader: partial function application

Writer: monoid

State: closures

Lists: non-deterministic programming