

CSC9006 Real-Time Systems (Spring 2021) Critique 2

**** Submission deadline: 9PM, May 7th, 2021. ****

In this assignment, we will study the later part of this paper:

T. Harrison, D. Levine, and D.C. Schmidt, *The Design and Performance of a Real-time CORBA Event Service*, ACM Conference on Object-Oriented Programming, Systems, Languages, and Applications, October 1997.

Read Sections 3.2 to 4.1.1 in the paper and answer the following three questions:

- Q1: Give one reason why TAO implements event filtering in the event channel instead of at event consumers.
- Q2: State one benefit of using Event Filtering Discriminators (EFD).
- Q3: Use your own words to compare the three dispatching strategies in Figure 9:
 - (A) RTU Dispatching;
 - (B) Threaded Dispatching;
 - (C) EFD Dispatching.

Write your answer into one single plain text file. Name it as `critique2.txt` and submit it to Moodle before the deadline.