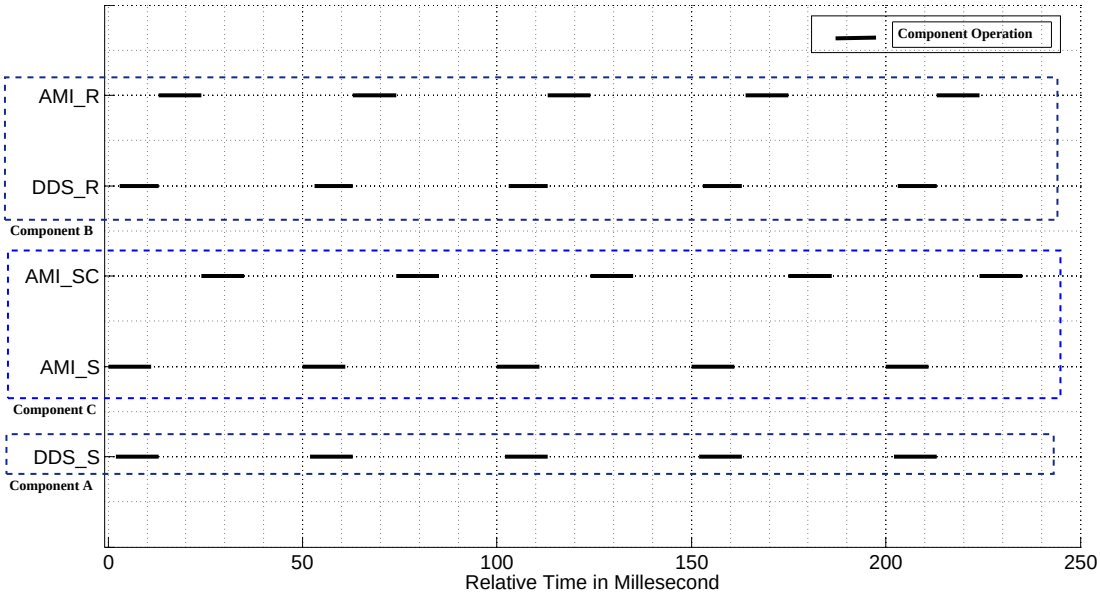

Fig. 7. A time sequence showing the activation of different operations in the assembly shown in 6. (DDS_S: DDS Sender, AMI_S: AMI Sender, AMI_SC:AMI Sender Callback, DDS_R: DDS Receiver, and AMI_R: AMI Receiver)

also supports effective resource sharing and isolation among applications, as well as allows applications to use different communication semantics. A qualitative evaluation of the capabilities of F6COM validates our claims about its design. Although F6COM has been designed for the fractionated spacecraft operating environment, it is suitable for many other kinds of distributed and embedded environments. In future, we intend to demonstrate its capabilities in a variety of cyber-physical environments.

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