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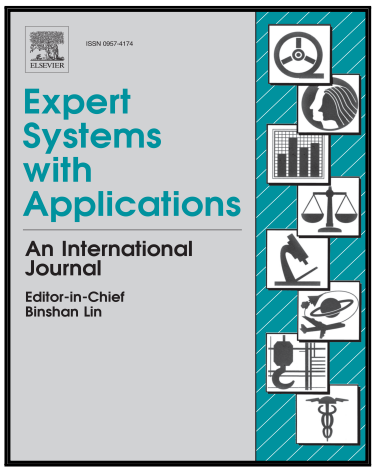

Model Checking of Timed Compatibility for Mediation-Aided Web Service Composition: A Three Stage Approach

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Highlights

- Each service in mediation-aided service composition is treated as a fragment;
- Fragments are transformed into a more compact time automata net;
- All of the temporal constraints can be checked by observing time automata;
- A real-life case is used to demonstrate the feasibility of our approach;
- Experimental results show our approach is large improved over existing approaches.

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