1 ACM Artifact Review and Badging

In this file, we outline how we address the requirements of each ACM artifact badge.

1.1 Artifacts Evaluated

1.1.1 Functional

1.1.1.1 Documented

- EXAMPLE.md documents how to use DDMon to monitor a distributed application based on the `gen_server` behaviour. The example can be used as a blueprint to monitor other `gen_server`-based applications.
- SCENARIOS.md documents the testing DSL used to test and benchmark DDMon.
- IMPLEMENTATION.md describes the implementation details of DDMon.
- README.md contains instructions for building and using DDMon without Docker.

1.1.1.2 Consistent
The results in *Figures 15 and 16* as well as *Listings 2, 3 and 4* in the paper can be reproduced according to the instructions in EVALUATION.md.

1.1.1.3 Complete
The provided artifact includes all components necessary to reproduce the results in the paper:

- EVALUATION.md shows how to generate plots for *Figures 15 and 16*, as well as *Listings 2, 3 and 4*.
- EXAMPLE.md shows how DDMon can be used to monitor `gen_server`-based applications for deadlocks.

1.1.1.4 Exercisable
Please follow the instructions in EVALUATION.md which shows how to generate plots for *Figures 15 and 16*, as well as *Listings 2, 3 and 4*.

Additionally, note that the experiments produce CSV files (in the `output` folder) with detailed execution statistics.

1.1.2 Reusable

- EXAMPLE.md shows how to use DDMon to monitor an example distributed application based on the `gen_server` behaviour (see example-system/README.md for further details on that application). The example can be used as a blueprint to monitor other `gen_server`-based applications. We encourage experimenting with it and trying to apply DDMon to other applications.
- IMPLEMENTATION.md describes the design of the DDMon internals. DDMon follows standard patterns of OTP application design, using standard behaviours in its foundation.
- README.md contains instructions for building and using DDMon without Docker.

1.2 Artifacts Available

We will release this artifact under the MIT license. We have not attached the license yet to preserve anonymity.

1.3 Results Validated

1.3.1 Results Reproduced

Please follow the instructions in EVALUATION.md.