Software Engineering Seminar
Event Log Analysis

Description
Event log contains important traces of the systems which provide developers a way to understand system behaviors and possibly to identify the problem during integration testing. A common approach of the analysis is done by manually inspecting the log and look for the traces of specific problems. However, event log generated by large systems may contain thousands of events in a short period of time which makes manual approach infeasible. An automatic approach can improve the investigation by analyzing the correlation and the distribution of events. This information can be used to identify the root cause and provide an insight of the manifestation of the problem. The seminar paper shall investigate techniques and tools which assist and improve the automatic analysis of event log.

References

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