

Event logs and event streams

can be found in software systems of very diverse kinds. For instance, workflow management systems and ERP platforms produce event logs in some common format based on XML. Financial transaction systems also keep a log of their operations in some standardized and documented format, as is the case for web servers such as Apache and Microsoft IIS. Network monitors also receive streams of packets whose various headers and fields can be analyzed. Recently, even the world of video games has seen an increasing trend towards the logging of players' realtime activities. Analyzing the wealth of information contained in these logs can serve multiple purposes.

In this book, you will learn about BeepBeep, a versatile Java library intended to make the processing of event streams both fun and simple.

About the author

Sylvain Hallé is a Full Professor in the Department of Computer Science and Mathematics at Université du Québec à Chicoutimi, Canada, and is the current holder of the Canada Research Chair on Software Specification, Testing and Verification. A free software enthusiast, he has been the recipient of multiple awards for his research on software testing, runtime monitoring and event log analysis.



This QR code contains a link to the online and most up-to-date version of this book



Laboratoire
d'informatique
formelle