

SUMMARY

[0005] This summary is provided to introduce concepts related to systems and methods for performance measurement and reporting, and the concepts are further described below in the detailed description. This summary is neither intended to identify essential features of the claimed subject matter nor is it intended for use in determining or limiting the scope of the claimed subject matter.

[0005a] According to a first aspect of the present invention, there is provided a computer implemented method for application performance measurement and reporting comprising: generating, in a first profiling session, a first parameter dataset including performance parameters related to performance of segments of an application; creating a session report based on the first parameter dataset; receiving comments for improving the performance of one or more of the segments of the application, based in part on the session report, wherein the comments relate to at least one of a hardware setup, runtime conditions, a part of the first application, a session timing, and a duration of the session; associating the received comments with corresponding one or more of the segments of the application; and providing a consolidated report based on the first parameter dataset and the comments, wherein the consolidated report includes the first parameter dataset and the comments of the one or more segments of the application.

[0005b] According to a second aspect of the present invention, there is provided a system for application performance measurement and reporting, the system comprising: a processor; and a memory coupled to the processor, the memory comprising: a profiling module configured to profile performance of a first application and generate a first parameter dataset related to segments executed in the first application; and a reporting module configured to, provide a session report based on the first parameter dataset; receive comments for improving performance of one or more of the segments, wherein the comments relate to at least one of a hardware setup, runtime conditions, a part of the first application, a session timing, and a duration of a session; associate the received comments with corresponding one or more of the segments of the application; and generate a consolidated report based on at least one of the first parameter dataset and the comments, wherein the consolidated report includes the first parameter and the comments of the one or more segments of the application.

[0005c] According to a third aspect of the present invention, there is provided a computer-readable medium having embodied thereon a computer program for executing a method comprising: generating a first parameter dataset in a first profiling session, the first parameter dataset including performance parameters related to performance of segments of an application; creating a session report based on the first parameter dataset; receiving comments for improving the performance of one or more of the segments of the application, based in part on the session report, wherein the comments relate to at least one of a hardware setup, runtime conditions, a part of the first application, a session timing, and a duration of the session; associating the received comments with corresponding one or more of the segments of the application; and providing a consolidated report based on the first parameter dataset and the comments, wherein the consolidated report includes the first parameter dataset and the comments of the one or more segments of the application profiled in at least one of the first profiling session and the second profiling session.

[0006] In one implementation, a parameter dataset related to segments profiled in an application is generated and a session report is created based on the parameter dataset. Comments are received for one or more of the segments, based in part on the session report. A consolidated report is generated based on the parameter dataset and the comments.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] The detailed description is described with reference to the accompanying figures. In the figures, the left-most digit(s) of a reference number identifies the figure in which the reference number first appears. The same numbers are used throughout the drawings to reference like features and components.

[0008] Fig. 1 illustrates an implementation of a performance measurement and reporting system, in accordance with an embodiment of the present subject matter.

[0009] Fig. 2 illustrates a method for performance measurement and reporting, in accordance with an embodiment of the present subject matter.

[00010] Fig. 3 illustrates a method for comparative performance measurement and reporting for an application, according to another implementation of the present subject matter.

DETAILED DESCRIPTION

[00011] Systems and methods for performance measurement and reporting are described herein. The systems and methods can be implemented in a variety of computing systems. The computing systems that can implement the described method(s) include, but are not restricted to, mainframe computers, workstations, personal computers, desktop computers, minicomputers, servers, multiprocessor systems, laptops and the like.