Abstract

A method for execution in a computer network of several node computers and a plurality of program components, which are distributed instanced on one of the node computers and with predetermined input parameters for addressing a functionality of this program component and with predetermined output parameters after its execution, in which by communication with these program components state information from software program resources and/or by communication with hardware resources in the computer network, namely about the architecture of the computer network, the configuration status of the hardware resources of the computer network, event and error messages of the hardware resources of the computer network, the development status or the version of the software program components, the runtime behaviour of the software program components, events and errors of the software program components, the data flow between individual software program components and/or hardware resources of the computer network, and/or introduction and change requirements and information for the hardware resources of the computer network or the software program components, is recorded with time, space, functional and/or structural descriptors, stored in a database, and, dependent on queries, output in one or more standardized output formats.