

Title (en)

METHOD FOR THE MACHINE LEARNING OF FREQUENT CHRONICLES IN AN ALARM LOG FOR THE MONITORING OF DYNAMIC SYSTEMS

Title (de)

VERFAHREN ZUM AUTOMATISCHEN LERNEN DER CHRONISCHEN HÄUFIGKEITEN EINES ALARM-LOGS ZUM ÜBERWACHEN VON DYNAMISCHEN SYSTEMEN

Title (fr)

PROCEDE D'APPRENTISSAGE AUTOMATIQUE DE CHRONIQUES FREQUENTES DANS UN JOURNAL D'ALARME POUR LA SUPERVISION DE SYSTEMES DYNAMIQUES

Publication

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Application

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Abstract (en)

[origin: WO2004107652A1] The invention relates to a method for the machine learning of frequent chronicles in a log of alarms from a dynamic system, for the monitoring of said system, and a learning system which is used to carry out the method in a monitoring system. According to the invention, sequences of alarms (51) are selected S1, S2,..., Sp from an alarm log J (50) and reorganised (52) into groups of similar sequences G1, G2,..., Gr. The alarms from the groups are then used to produce (53) partial logs J1, J2, , Jr. Subsequently, chronicle learning is performed (54) on each transmitted partial log Ji, and the partial set Ei of the frequent chronicles from Ji is determined (55). Finally, a set E of chronicles from log J is formed (56) with chronicles from different partial sets Ei.

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