Title (en)
METHOD AND DEVICE FOR DETERMINING REQUIREMENT PARAMETERS OF AT LEAST ONE PHYSICAL HARDWARE UNIT

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN VON ANFORDERUNGSPARAMETERN AN MINDESTENS EINE PHYSISCHE HARDWAREEINHEIT

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR DÉTERMINER LES PARAMÈTRES DE CONTRAINTES D'AU MOINS UNE UNITÉ MATÉRIELLE PHYSIQUE

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Abstract (en)
[origin: WO2010025994A1] The invention relates to a method and a device for determining requirement parameters of at least one physical hardware unit. The operating parameters of simulated, virtual hardware units (305a, 305b, 305c, 305d, 305e) are varied during the execution of a program flow (300) on the virtual hardware units (305a, 305b, 305c, 305d, 305e), for example via an interface device (310) of a simulation device (306), in such a manner that requirement parameters of the execution of a program flow (300) of at least one physical hardware unit (309a, 309b, 309c, 309d, 309e) can be identified. According to the invention, a method and a device are used for determining requirement parameters of at least one physical hardware unit (309a, 309b, 309c, 309d, 309e). The method and the device are used to determine requirement parameters of software products of hardware components to be used. The invention allows requirement parameters to be identified systematically, using an operating system (303) and eliminates the need for expensive, physical hardware components (309a, 309b, 309c, 309d, 309e) and for modifications to a physical computer system (308).

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