

Title (en)
METHOD FOR CREATING AN OPTIMIZED FLOWCHART FOR A TIME-CONTROLLED DISTRIBUTED COMPUTER SYSTEM

Title (de)
VERFAHREN ZUR ERSTELLUNG EINES OPTIMIERTEN ABLAUFPLANS FÜR EIN ZEITGESTEUERTES VERTEILTES RECHNERSYSTEM

Title (fr)
PROCEDE POUR LA REALISATION D'UN PLAN D'EXECUTION OPTIMISE POUR UN SYSTEME D'ORDINATEURS DISTRIBUE A COMMANDE TEMPORISEE

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Application
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Priority
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Abstract (en)
[origin: WO2007101590A1] The invention describes and illustrates a method for creating an optimized flowchart (P) for performing a functionality using a time-controlled distributed computer system, where the distributed computer system and the functionality have a set of - in particular structural and functional - elements (e_i e_{1,i} e_{2,i}) in at least one element class (E_i, E₁, E₂) and the elements (e_i e_{1,i} e_{2,i}) are - at least in part - dependent. It is an object of the present invention to avoid - at least in part - the drawbacks of methods known from the prior art when creating an optimized flowchart for distributed computer systems. The inventive method, in which the object presented is achieved, is first of all and essentially characterized in that the dependencies between the elements (e_i e_{1,i} e_{2,i}) are identified, classified and the elements (e₁ e_{1,i} e_{2,i}) are assigned to corresponding dependency classes (A_i, A₁, A₂), and in that the flowchart (P) is optimized by coordinating elements (e_i e_{1,i} e_{2,i}) in at least one dependency class (A_i, A₁, A₂).

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G06F 9/50 (2006.01)

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G06F 9/4881 (2013.01 - EP US); **G06F 2209/484** (2013.01 - EP US)

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