A Grafcet Interface for the Programming of Different Industrial Robots

ABSTRACT

This paper presents the current development stage of an approach to industrial robot programming, that includes: a truly high level and declarative language; an easy-to-use front-end; an intermediate representation; an automatic generator of the robot code generators. This approach focus on the modelling of the system, rather than on the robot. So, it will improve the programming and maintenance tasks, allowing the reuse of source code.

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