Application of Petri Nets Formal Description for Modeling of Distributed Systems with Micronucleus Architecture

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Key words and phrases: embedded Petri nets; micronucleus; software.

Abstract: The paper studies the possibility of application of formal description of Petri nets for modeling and analysis of algorithms of control over distributed systems with micronucleus architecture. The advantages of the given approach for description of complex dynamic processes of system components interaction are grounded.