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In addition to CPNs, several other variants of high-level Petri Nets and supporting computer tools have been developed based on the idea of extending Petri Nets with data types and primitives for data manipulation. One example is Well-Formed Nets (WFNs) \cite{X} as supported, e.g., by the CosyVerif tool. WFNs put restrictions on the colour sets and associated operations to facilitate space-efficient exploration of state spaces in which the nodes correspond to equivalence classes of states instead of single states. Concurrent Object-Oriented Nets \cite{X} as implemented in the COOPNBuilder tool incorporate object-oriented concepts into Petri Nets and relies on Algebraic Petri Nets \cite{X} for specification of data types and inscriptions. Algebraic Petri Nets are high-level Petri Nets in which algebraic abstract data types are used for data modelling and for giving semantics to the inscriptions. Reference Nets \cite{Y} are high-level Petri Nets targeting agent-oriented object systems in which the tokens themselves may constitute references to other Petri Net models. The RN formalism is supported by the Renew tool which uses Java as the inscription language.

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