

Abstract

Development processes of automotive industry have a lot of dependencies among each other with high dynamics, which cause an increased work of scheduling. This high integration of different development disciplines is often termed as an engineering network. Such networks are also examined in other scientific domains such as material logistics. Material flows, expected cycle times at specific operating units or degrees of efficiency of resources and machines can be calculated. Therefore it appears self-evident to use such methods as a support for scheduling or controlling development processes. If the processes are mapped into a data model, their meta-data represented as cycle-times, quality parameters and others can be used for a statistic evaluation.