

Cinderella MSC

Part No:MPCD-SDL-MSC

Cinderella MSC is a visual modelling tool for analysis, specification, documentation and testing of communications services, protocols, or any kind of message/signal based system.

Cinderella MSC is based on the specification language MSC, standardised by the International Telecommunication union, ITU. MSC is a graphical notation that encompasses the expressive power of UML sequence diagrams.

A powerful API (Application Programming Interface) comes with the Cinderella MSC tool.

The API allows an external program to manipulate Cinderella MSC through a set of simple C-like function calls.

Implementation links allow tracing the MSC from Cinderella SDL

The API can both be used from a server application (a dll called from the MSC editor) and from a server application (an external program controlling Cinderella MSC). Examples of API usages are:

- Generation of an MSC as an execution trace
- Generation of test cases from an MSC
- Conversion of an MSC from/to another format (e.g. Telelogic Tau)
- Seamless integration of Cinderella MSC with other tools/programs.

Two Applications with source codes comes with Cinderella MSC

- A server application for generation of textual MSC
- A client application for using Cinderella MSC for testing together with Cinderella SDL