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SERIES Z: LANGUAGES AND GENERAL SOFTWARE
ASPECTS FOR TELECOMMUNICATION SYSTEMS

Formal description techniques (FDT) – Message
Sequence Chart (MSC)

Specification and Description Language (SDL) data binding to Message Sequence Charts (MSC)

ITU-T Recommendation Z.121

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ITU-T Recommendation Z.121

Specification and Description Language (SDL) data binding to Message Sequence Charts (MSC)

Summary

This Recommendation provides a Specification and Description Language (Z.100) instantiation of both the syntactic and semantic elements of the Message Sequence Chart (Z.120) data interface, defines the default types, and also the syntax for allowable SDL data definitions that may be used in an MSC Document.

Source

ITU-T Recommendation Z.121 was prepared by ITU-T Study Group 17 (2001-2004) and approved under the WTSA Resolution 1 procedure on 13 February 2003.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

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Introduction

The data binding of SDL to MSC is provided in two parts. The first describes the syntactic part of the interface, which defines MSC document statements relating to the use of SDL as the data language, and the second describes the semantic part of the interface. The latter consists of the definition of a number of functions that are used to perform the syntactic, static semantic, and dynamic semantic evaluation of SDL data used in MSC.