

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Z.170

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ASPECTS FOR TELECOMMUNICATION SYSTEMS

Formal description techniques (FDT) – Testing and Test
Control Notation (TTCN)

Testing and Test Control Notation version 3: TTCN-3 documentation comment specification

Recommendation ITU-T Z.170

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Recommendation ITU-T Z.170

Testing and Test Control Notation version 3: TTCN-3 documentation comment specification

Summary

Recommendation ITU-T Z.170 defines a documentation of Testing and Test Control Notation 3 (TTCN-3) source code using special documentation comments. The source code documentation can then be produced automatically from the TTCN-3 core language, e.g., in the form of hypertext web pages.

This revision of the Recommendation contains amendments, clarifications, corrigenda and editorial corrections.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Z.170	2007-11-13	17	11.1002/1000/9284
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4.0	ITU-T Z.170	2013-07-14	17	11.1002/1000/11967
5.0	ITU-T Z.170	2017-10-14	17	11.1002/1000/13381

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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Recommendation ITU-T Z.170

Testing and Test Control Notation version 3: TTCN-3 documentation comment specification

1 Scope

This Recommendation defines a documentation of TTCN-3 source code using special documentation comments. The source code documentation can then be produced automatically from the TTCN-3 core language, e.g., in the form of hypertext web pages.

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ETSI ES 201 873-10 V4.5.1] ETSI ES 201 873-10 V4.5.1 (2013-04), *Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 10: TTCN-3 documentation comment specification*.

3 Definitions

3.1 Terms defined elsewhere

None.

3.2 Terms defined in this Recommendation

None.

4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

TTCN Testing and Test Control Notation

TTCN-3 Testing and Test Control Notation version 3

5 Conventions

None.

6 Endorsement

[ETSI ES 201 873-10 V4.5.1] was approved by ITU-T as the basis for Recommendation ITU-T Z.170.

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