

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU



SERIES Z: LANGUAGES AND GENERAL SOFTWARE 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

1-0-1



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

Summary

Recommendation ITU-T Z.170 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.

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

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T Z.170	2007-11-13	17
2.0	ITU-T Z.170	2011-03-16	17
3.0	ITU-T Z.170	2012-05-29	17
4.0	ITU-T Z.170	2013-07-14	17

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FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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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 <u>http://www.itu.int/ITU-T/ipr/</u>.

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Recommendation ITU-T Z.170

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

1 Scope

Recommendation ITU-T Z.170 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: TTCN-3 documentation comment specification.

3 Definitions

3.1 Terms defined elsewhere

This Recommendation uses the following terms defined elsewhere:

None.

3.2 Terms defined in this Recommendation

This Recommendation defines the following terms:

None.

4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

- CORBA Common Object Request Broker Architecture
- TTCN Testing and Test Control Notation

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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