International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Z.161.3

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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 language extensions: Advanced parameterization

Recommendation ITU-T Z.161.3

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Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization

Summary

Recommendation ITU-T Z.161.3 defines the advanced parameterization package of TTCN-3. TTCN-3 can be used for the specification of all types of reactive system tests over a variety of communication ports. Typical areas of application are protocol testing (including mobile and Internet protocols), service testing (including supplementary services), module testing, testing of Common Object Request Broker Architecture (CORBA) based platforms, application programming interfaces (APIs), etc. TTCN-3 is not restricted to conformance testing and can be used for many other kinds of testing including interoperability, robustness, regression, system and integration testing. The specification of test suites for physical layer protocols is outside the scope of this Recommendation.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Z.161.3	2013-07-14	17	11.1002/1000/11959
2.0	ITU-T Z.161.3	2014-11-13	17	11.1002/1000/12347
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4.0	ITU-T Z.161.3	2017-10-14	17	11.1002/1000/13372
5.0	ITU-T Z.161.3	2020-10-29	17	11.1002/1000/14481
6.0	ITU-T Z.161.3	2021-10-14	17	11.1002/1000/14783

* 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.

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