

Recommendation

ITU-T Z.171 (10/2023)

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: Using JSON with TTCN-3

ITU-T Z-SERIES RECOMMENDATIONS

Languages and general software aspects for telecommunication systems

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Recommendation ITU-T Z.171

Testing and Test Control Notation version 3: Using JSON with TTCN-3

Summary

Recommendation ITU-T Z.171 specifies the rules to define schemas for JSON data structures in TTCN 3, to enable testing of JSON-based systems, interfaces and protocols, and the conversion rules between TTCN-3 and JSON to enable exchanging TTCN 3 data in JSON format between different systems.

History *

Edition	Recommendation	Approval	Study Group	Unique ID
1.0	ITU-T Z.171	2017-10-14	17	11.1002/1000/13382
2.0	ITU-T Z.171	2018-10-14	17	11.1002/1000/13710
3.0	ITU-T Z.171	2021-10-14	17	11.1002/1000/14789
4.0	ITU-T Z.171	2023-10-29	17	11.1002/1000/15704

Keywords

Control notation, interoperability testing, protocol testing, protocols, service testing, testing, tools, TTCN-3.

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