ISO/IEC 25024:2015-10 (E)

Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Measurement of data quality

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Conformance 2

3 Normative references 2

4 Termsanddefinitions 3

5 Abbreviated terms 8

6 Use of data QMs 8
6.1 Data quality measurement concepts 8
6.2 Approach to data quality measurement 10

7 Format used for documenting QMs for data 12

8 Data QMs 12
8.1 General 12
8.2 QMs for accuracy 13
8.3 QMs for completeness 15
8.4 QMs for consistency 17
8.5 QMs for credibility 19
8.6 QMs for currentness 20
8.7 QMs for accessibility 21
8.8 QMs for compliance 22
8.9 QMs for confidentiality 23
8.10 QMs for efficiency 24
8.11 QMs for precision 26
8.12 QMs for traceability 26
8.13 QMs for understandability 27
8.14 QMs for availability 29
8.15 QMs for portability 30
8.16 QMs for recoverability 31

Annex A (informative)QMEsusedtodefineQMs 32

Annex B (informative) QMEs, Target entities and QMs 35

Annex C (informative) QMEs references 37

Annex D (informative) QMs in alphabetic order 41

Annex E (informative)QMsidentifiersforcharacteristicsandtargetentities 43

Bibliography 45