ISO/IEC 18021:2002-02 (E)

Information technology - User interfaces for mobile tools for management of database communications in a client-server model

Contents

Page

1 Scope 1

2 Conformance 1

3 Terms and definitions 1

4 Illustration of processes for an MBT database operation 3
4.1 Functions of user interfaces 3
4.1.1 User approval or disapproval 3
4.1.2 Feedback 3
4.2 Sequence of functions 3

5 Description of contents in MBT database operation screens 5
5.1 General 5
5.2 User approval or disapproval 5
5.2.1 Prior notice 5
5.2.2 Granting or refusing approval 5
5.2.3 Parameter setting 6
5.3 Feedback to the user (success) 6
5.3.1 Notice of successful completion 6
5.3.2 User acknowledgement of successful completion 6
5.4 Feedback to the user (failure) 6
5.4.1 General notice of failure 6
5.4.2 Detailed reasons for failure 7
5.4.3 Acknowledgement of failure 7

A.1 Utilization/operation of database 8
A.1.1 General 8
A.1.2 Utilization/operation of database (1) 8
A.1.3 Utilization/operation of database (2) 9
A.1.4 Utilization/operation of database (3) 10
A.2 Sample application utilizing database via communication links 11

Annex A (informative) Utilization/operation of database of mobile tool 8

B.1 User approval or disapproval 12
B.1.1 General 12
B.1.1 Prior notice 12
B.1.3 Granting and refusing approval 13
B.1.4 Parameter setting 13
B.2 Feedback to the user (success) 14
B.2.1 General 14
B.2.2 Notice of successful completion 14
B.2.3 User acknowledgement of successful completion 15
B.3 Feedback to the user (failure) 16
B.3.1 General 16
B.3.2 General notice of failure 16
B.3.3 Detailed reasons for failure 17
B.3.4 Acknowledgement of failure 17

C.1 Overview of PDX tags 18

C.2 Sample program scripts written by using PDX tags with HTML tags 18
C.2.1 General 18
C.2.2 User approval or disapproval 19
C.2.3 Feedback to the user (success) 20
C.2.4 Feedback to the user (failure) 21

D.1 Overview of P4script 22
D.2 Sample command written by using P4script language 22

Annex B (informative) Basic Screen Contents Presentation 12

Annex C (informative) Technical information: PDX tags as a screen content description language . 18

Annex D (informative) Technical information: P4script as a database operation language 22