

ISO/IEC 24752-8:2018 (E)

Information technology — User interfaces — Universal remote console — Part 8: User interface resource framework

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Conformance
5	Use cases (informative)
5.1	General
5.2	User interface localisation
5.3	User interface personalisation
5.4	User interface accessibility
5.5	User interface responsiveness
5.6	User interface settings
6	Workflow model (informative)
6.1	General
6.2	Storing and retrieving a user-context
6.3	Storing and retrieving a task-context
6.4	Storing and retrieving an equipment-context
6.5	Storing and retrieving an environment-context
6.6	Describing resources
6.7	Finding and retrieving matching resources
6.8	Describing user interface settings
6.9	Finding and retrieving matching user interface settings
7	REST interfaces for services
7.1	General
7.1.1	REST architecture (informative)
7.1.2	Request and response parameters
7.1.3	Response codes
7.1.4	Authentication
7.1.5	Other general requirements
7.2	User-context
7.2.1	General
7.2.2	CREATE user-context (mandatory)
7.2.3	GET user-context (mandatory)
7.2.4	UPDATE user-context (mandatory)
7.2.5	DELETE user-context (optional)
7.2.6	GET user-context-list (mandatory)
7.3	Task-context
7.3.1	General
7.3.2	CREATE task-context (mandatory)
7.3.3	GET task-context (mandatory)
7.3.4	UPDATE task-context (mandatory)
7.3.5	
7.3.5	DELETE task-context (optional)
7.3.6	GET task-context-list (mandatory)

- 7.4 Equipment-context
 - 7.4.1 General
 - 7.4.2 CREATE equipment-context (mandatory)
 - 7.4.3 GET equipment-context (mandatory)
 - 7.4.4 UPDATE equipment-context (mandatory)
 - 7.4.5 DELETE equipment-context (optional)
 - 7.4.6 GET equipment-context-list (mandatory)
- 7.5 Environment-context
 - 7.5.1 General
 - 7.5.2 CREATE environment-context (mandatory)
 - 7.5.3 GET environment-context (mandatory)
 - 7.5.4 UPDATE environment-context (mandatory)
 - 7.5.5 DELETE environment-context (optional)
 - 7.5.6 GET environment-context-list (mandatory)
- 7.6 Resource
 - 7.6.1 General
 - 7.6.2 CREATE resource (mandatory)
 - 7.6.3 GET resource-by-ID (mandatory)
 - 7.6.4 GET resource-from-listing (mandatory)
 - 7.6.5 UPDATE resource (optional)
 - 7.6.6 DELETE resource (optional)
- 7.7 Resource-description
 - 7.7.1 General
 - 7.7.2 CREATE resource-description (mandatory)
 - 7.7.3 GET resource-description-by-ID (mandatory)
 - 7.7.4 GET resource-description-from-listing (mandatory)
 - 7.7.5 UPDATE resource-description (mandatory)
 - 7.7.6 DELETE resource-description (optional)
- 7.8 Listing
 - 7.8.1 General
 - 7.8.2 CREATE listing (mandatory)
 - 7.8.3 GET listing (mandatory)
 - 7.8.4 DELETE listing (optional)
 - 7.8.5 CONFIRM user-rating (optional)

8 Security considerations

Annex A (normative) Mapping for XML

- A.1 General
- A.2 User-context
 - A.2.1 General
 - A.2.2 CREATE user-context (mandatory)
 - A.2.3 GET user-context (mandatory)
 - A.2.4 UPDATE user-context (mandatory)
 - A.2.5 DELETE user-context (optional)
 - A.2.6 GET user-context-list (mandatory)
- A.3 Task-context
 - A.3.1 General
 - A.3.2 CREATE task-context (mandatory)
 - A.3.3 GET task-context (mandatory)
 - A.3.4 UPDATE task-context (mandatory)
 - A.3.5 DELETE task-context (optional)
 - A.3.6 GET task-context-list (mandatory)
- A.4 Equipment-context
 - A.4.1 General
 - A.4.2 CREATE equipment-context (mandatory)
 - A.4.3 GET equipment-context (mandatory)
 - A.4.4 UPDATE equipment-context (mandatory)
 - A.4.5 DELETE equipment-context (optional)
 - A.4.6 GET equipment-context-list (mandatory)
- A.5 Environment-context
 - A.5.1 General
 - A.5.2 CREATE environment-context (mandatory)
 - A.5.3 GET environment-context (mandatory)

- A.5.4 UPDATE environment-context (mandatory)
- A.5.5 DELETE environment-context (optional)
- A.5.6 GET environment-context-list (mandatory)
- A.6 Resource
- A.6.1 General
- A.6.2 CREATE resource (mandatory)
- A.6.3 GET resource-by-ID (mandatory)
- A.6.4 GET resource-from-listing (mandatory)
- A.6.5 UPDATE resource (optional)
- A.6.6 DELETE resource (optional)
- A.7 Resource-description
- A.7.1 General
- A.7.2 CREATE resource-description (mandatory)
- A.7.3 GET resource-description-by-ID (mandatory)
- A.7.4 GET resource-description-from-listing (mandatory)
- A.7.5 UPDATE resource-description (mandatory)
- A.7.6 DELETE resource-description (optional)
- A.8 Listing
- A.8.1 General
- A.8.2 CREATE listing (mandatory)
- A.8.3 GET listing (mandatory)
- A.8.4 DELETE listing (optional)
- A.8.5 CONFIRM user-rating (optional)

Annex B (normative) Mapping for JSON

- B.1 General
- B.2 User-context
- B.2.1 General
- B.2.2 CREATE user-context
- B.2.3 GET user-context (mandatory)
- B.2.4 UPDATE user-context (mandatory)
- B.2.5 DELETE user-context (optional)
- B.2.6 GET user-context-list (mandatory)
- B.3 Task-context
- B.3.1 General
- B.3.2 CREATE task-context (mandatory)
- B.3.3 GET task-context (mandatory)
- B.3.4 UPDATE task-context (mandatory)
- B.3.5 DELETE task-context (optional)
- B.3.6 GET task-context-list (mandatory)
- B.4 Equipment-context
- B.4.1 General
- B.4.2 CREATE equipment-context (mandatory)
- B.4.3 GET equipment-context (mandatory)
- B.4.4 UPDATE equipment-context (mandatory)
- B.4.5 DELETE equipment-context (optional)
- B.4.6 GET equipment-context-list (mandatory)
- B.5 Environment-context
- B.5.1 General
- B.5.2 CREATE environment-context (mandatory)
- B.5.3 GET environment-context (mandatory)
- B.5.4 UPDATE environment-context (mandatory)
- B.5.5 DELETE environment-context (optional)
- B.5.6 GET environment-context-list (mandatory)
- B.6 Resource
- B.6.1 General
- B.6.2 CREATE resource (mandatory)
- B.6.3 GET resource-by-ID (mandatory)
- B.6.4 GET resource-from-listing (mandatory)
- B.6.5 UPDATE resource (optional)
- B.6.6 DELETE resource (optional)
- B.7 Resource-description
- B.7.1 General
- B.7.2 CREATE resource-description (mandatory)

- B.7.3 GET resource-description-by-ID (mandatory)**
- B.7.4 GET resource-description-from-listing (mandatory)**
- B.7.5 UPDATE resource-description (mandatory)**
- B.7.6 DELETE resource-description (optional)**
- B.8 Listing**
- B.8.1 General**
- B.8.2 CREATE listing (mandatory)**
- B.8.3 GET listing (mandatory)**
- B.8.4 DELETE listing (optional)**
- B.8.5 CONFIRM user-rating (optional)**

Page count: 86