

ISO/IEC 29341-26-15:2017-09 (E)

Information technology - UPnP Device Architecture - Part 26-15: Telephony device control protocol - Level 2 - Calendar service

Contents		Page
1	Scope	1
2	Normative references	1
3	Terms, definitions, symbols and abbreviated terms	2
4	Notations and conventions	3
4.1	Text conventions	3
4.1.1	Data Types	3
4.2	Vendor-defined Extensions	4
5	Service Modeling Definitions	4
5.1	Service Type	4
5.2	Calendar Service Architecture	4
5.3	State Variables	5
5.3.1	State Variable Overview	5
5.3.2	CalendarItem	6
5.3.3	TriggeredItem	6
5.3.4	MemInfo	7
5.3.5	A_ARG_TYPE_TriggeredItems	8
5.3.6	A_ARG_TYPE_CallItems	8
5.3.7	A_ARG_TYPE_ItemIDs	9
5.3.8	A_ARG_TYPE_Memo	10
5.3.9	A_ARG_TYPE_MemoID	10
5.3.10	A_ARG_TYPE_ItemDeliveryMethod	10
5.3.11	A_ARG_TYPE_MemInfoList	11
5.3.12	A_ARG_TYPE_TelCPName	12
5.3.13	A_ARG_TYPE_TelCPNameList	12
5.3.14	A_ARG_TYPE_Expires	12
5.4	Eventing and Moderation	12
5.4.1	Eventing of CalendarItem	13
5.4.2	Eventing of TriggeredItem	13
5.4.3	Eventing of MemInfo	13
5.5	Actions	13
5.5.1	AddCalendarItems()	14
5.5.2	DeleteCalendarItems()	15
5.5.3	UpdateCalendarItems()	15
5.5.4	GetCalendarItems()	16
5.5.5	GetTriggeredItems()	17
5.5.6	PostMemo()	18
5.5.7	RegisterItemDelivery()	19
5.5.8	GetMemo()	20
5.5.9	RegisterTelCPName()	21
5.5.10	UnregisterTelCPName()	22
5.5.11	GetTelCPNameList()	23
5.5.12	Error Code Summary	24
5.6	Service Behavioral Model	24
6	XML Service Description	24
	Annex A (normative) XML Schema	29

Annex B (informative) Theory of Operation	32
Annex C (informative) Bibliography	36
Figure 1 -- Calendar Service Architecture	4
Figure B.1 -- Memo handling	32
Figure B.2 -- Logical flows for calendar service	34
Figure B.3 -- Multiple TelCP handling for Alarm use case	35
Table 1 -- State Variables	5
Table 2 -- Event Moderation	12
Table 3 -- Actions	13
Table 4 -- Arguments for AddCalendarItems()	14
Table 5 -- Error Codes for AddCalendarItems()	14
Table 6 -- Arguments for DeleteCalendarItems()	15
Table 7 -- Error Codes for DeleteCalendarItems()	15
Table 8 -- Arguments for UpdateCalendarItems()	15
Table 9 -- Error Codes for UpdateCalendarItems()	16
Table 10 -- Arguments for GetCalendarItems()	16
Table 11 -- Error Codes for GetCalendarItems()	17
Table 12 -- Arguments for GetTriggeredItems()	17
Table 13 -- Error Codes for GetTriggeredItems()	18
Table 14 -- Arguments for PostMemo()	18
Table 15 -- Error Codes for PostMemo()	19
Table 16 -- Arguments for RegisterItemDelivery()	19
Table 17 -- Error Codes for RegisterItemDelivery()	20
Table 18 -- Arguments for GetMemo()	20
Table 19 -- Error Codes for GetMemo()	21
Table 20 -- Arguments for RegisterTelCPName()	21
Table 21 -- Error Codes for RegisterTelCPName()	22
Table 22 -- Arguments for UnregisterTelCPName()	22
Table 23 -- Error Codes for UnregisterTelCPName()	23
Table 24 -- Arguments for GetTelCPNameList()	23
Table 25 -- Error Codes for GetTelCPNameList()	23
Table 26 -- Error Code Summary	24