

Source: CN5 (OSA)
Title: Rel-6 CR 29.198-05 OSA API Part 5: Generic user interaction (Correct List vs Set semantics in User Interaction)
Agenda item: 9.7 (OSA Enhancements [\[OSA3\]](#))
Document for: APPROVAL

Doc-1st-	Spec	CR	Rev	Phase	Subject	Cat	Version	Doc-2nd-	Workite
NP-040269	29.198-05	046	-	Rel-6	Correct List vs Set semantics in User Interaction	F	6.0.1	N5-040117	OSA3

CHANGE REQUEST

⌘ **29.198-05 CR 046** ⌘ rev - ⌘ Current version: **6.0.1** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correct List vs Set semantics in User Interaction		
Source:	⌘ CN5 Scott Broussard (IBM, scottjb@us.ibm.com)		
Work item code:	⌘ OSA3	Date:	⌘ 6/2/2004
Category:	⌘ F	Release:	⌘ REL-6
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ Two recently added data types should be sets rather than lists because the semantics are unordered. The TpUIWordOverrideList should be TpUIWordOverrideSet. The TpUIRecognitionPropertyList should be TpUIRecognitionPropertySet
Summary of change:	⌘ The data types and descriptions are updated to correctly describe their behavior.
Consequences if not approved:	⌘ If this change is not made, software would be written making later changes more difficult.

Clauses affected:	⌘ 11.28,11.33,11.37,11.39										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N		X		X		X		
Y	N										
	X										
	X										
	X										
Other comments:	⌘										

Change in Clause 11.28

11.28 TpUISynthesisInfoData

Defines the [Sequence of Data Elements](#) that specify the information to use in generating the desired effects on the generated voice. The speech synthesis parameters or processing tags will be interpreted as hints and may be ignored by the speech synthesis engine. Note that the language is specified on the `sendInfoReq()` and `sendInfoAndCollectReq()` method calls.

The `TextData` field may contain the following tags to affect the processing of the text. The `<break>` tag specifies a timing pause. The `<emp>` tag specifies an emphasis on a word or phrase.

```
<break size="milliseconds">           // specifies a timing pause in the
// middle of the text in milliseconds
<emp>A word</emp>                     // apply emphasis to a word or words
```

Structure Element Name	Structure Element Type	Structure Element Description
SpeakerGender	TpUISynthesisGender	Defines the gender of the speaker.
SpeakerAge	TpUISynthesisAge	Defines the age of the speaker.
SpeakerRate	TpUISynthesisRate	Defines the rate of the speaker.
SpeakerRange	TpUISynthesisRange	Defines the range of the speaker.
TextData	TpString	Defines the text to synthesize into speech.
WordOverride SetList	TpUIWordOverride SetList	Defines the pronunciation overrides.

End of Change in Clause 11.28

Change in Clause 11.33

11.33 TpUIWordOverride~~SetList~~

Defines a [Numbered Set of Data Elements](#) of `TpUIWordOverride`.

End of Change in Clause 11.33

Change in Clause 11.37

11.37 TpUIRecognitionCriteria

Defines the [Sequence of Data Elements](#) that specify the additional properties for the collection of information in the form of voice recognition according to the specified grammar.

Structure Element Name	Structure Element Type
SpeakerID	TpUIRecognitionSpeakerID
Properties	TpUIRecognitionProperty SetList
Grammar	TpUIRecognitionGrammar

The structure elements specify the following criteria:

SpeakerID: Defines the user identifier associating a user with a speech profile known to the recognition engine, which provides a hint for better quality.

Properties: Defines the properties [setList](#) for additional information to the speech recognition engine.

Grammar: Defines the syntax of the language to be recognized.

End of Change in Clause 11.37

Change in Clause 11.39

11.39 TpUIRecognitionProperty[SetList](#)

Defines a [Numbered Set of Data Elements](#) ~~set~~ of TpUIRecognitionProperty ~~objects~~.

End of Change in Clause 11.39