Issue82

Title Redundant <device>, <gender>
Priority feature   **Status** chatting
Superseder   **Nosy List** dburke, dburnett, eburger, oran, sarvi
Assigned To dburnett   Topics

Created on **2006-03-27.20:43:27** by **dburnett**, last changed **2006-03-27.20:43:27** by **dburnett**.

Messages

msg137 (view)   **Author: dburnett**   **Date: 2006-03-27.20:43:27**

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From Dave Burke on March 21:

o Section 11.5.6 / 11.5.7: Seems like <device>, <gender> is duplicated
across <voiceprint>s for  identification / multi-verification? Is this
redundancy a known issue?

From Dan Burnett on March 24:

We have wrangled over which values belong in the first voiceprint only for
years now, and similarly for which values belong in incremental vs.
cumulative.  Additionally, the text and the schema are not in alignment
today.  Originally the goal was to have each element only contain elements
that were relevant, without redundancy, but because different intended users
of this specification have had different ways in which they intended to fill
in this info, we have removed some options and added others.  To accommodate
all of the use cases presented over the past few years, I have the following
proposal:

We permit <adapted> under only the first <voiceprint>, and make it optional.
As in -09, it is only returned for a verification (and not
training) result.
We permit <incremental> and require <cumulative> under all <voiceprint>
elements.
Both <incremental> and <cumulative> can contain the same set of elements under
the first <voiceprint> (which I'll temporarily name "Set A"), and both
<incremental> and <cumulative> can contain the same set of elements under all
but the first <voiceprint> (which I'll temporarily name "Set B").

Set A:
- may contain <decision>, <utterance-length>, <device>, <gender>, and
<verification-score>.  <verification-score> is required.  <decision> is
required under one or the other of <incremental> and <cumulative>, but not
both.  It is only returned for a verification (and not training) result.  All
other elements are optional under both <incremental> and <cumulative>.

Set B:
- may contain <utterance-length>, <device>, <gender>, and <verification-
score>.  <verification-score> is required.  All other elements are optional.

Consequences of the proposal:
- the content model is more permissive than what both the text and schema
permit in -09, except
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1) it limits <decision> to only occur once in the entire result, and that only
in a verification result (as opposed to training), and
2) it requires <verification-score> under all <incremental> and <cumulative>
elements anywhere in the result.
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History

Date	User	Action	Args
2006-03-27 20:43:30	dburnett	create	