

Issue80

Title <incremental> in verification results

Priority bug **Status** chatting

Superseder **Nosy List** dburke, dburnett, eburger, oran, sarvi

Assigned To dburnett **Topics**

Created on **2006-03-27.19:51:56** by **dburnett**, last changed **2006-03-27.19:51:56** by **dburnett**.

Messages

[msg135 \(view\)](#)

Author: dburnett

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From Dave Burke on March 21:

o Section 11.5.3: Why is <incremental> limited to the first voiceprint? Doesn't it make sense to have for each voiceprint (say for identification or multi-verification)?

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

- 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.

History

Date	User	Action	Args
2006-03-27 19:51:58	dburnett	create	