

Issue85

Title Weight support in Recognize

Priority feature **Status** deferred

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Assigned To Topics

Created on **2006-06-08.10:24:26** by **dburnett**, last changed **2006-06-08.10:24:26** by **dburnett**.

Messages

msg142 (view) **Author: dburnett** **Date: 2006-06-08.10:24:26**

This item is a **Priority 3** based on
<http://www1.ietf.org/mail-archive/web/speechsc/current/msg01755.html>.

I have marked it deferred to track it as an item for future examination.

From Jerry Carter on 12 Apr 2006:

A weight parameter should be supported on RECOGNIZE.

Suppose that a recognition against two weighted grammars is required. The following message sequence would be necessary.

```
DEFINE-GRAMMAR grammar_1
```

```
DEFINE-GRAMMAR grammar_2
```

```
RECOGNIZE against a text/grammar-ref-list of grammars and corresponding weights
```

MRCP clients often default to this approach even for simple applications in environments such as VoiceXML 2.x where weights are allowed. MRCP clients are often required to use this approach when handling complex applications which make extensive use of weights. The required use of DEFINE-GRAMMAR is inefficient and exacerbates the problems discussed previously on the list <<http://www1.ietf.org/mail-archive/web/speechsc/current/msg01704.html>>.

A more efficient approach is sending a single RECOGNIZE with a multipart-mime body containing both grammar definitions and their corresponding weights.

The current specification might allow for a RECOGNIZE with a multipart-mime body containing both grammar definitions followed by a block of text/grammar-ref-list. If this use is intended, then the text in 9.9 should clearly call out this case and should include an example. Even then, allowing a weight in the headers for each grammar would be much simpler and clearer.

History

| Date | User | Action | Args |
|---------------------|----------|--------|------|
| 2006-06-08 10:24:28 | dburnett | create | |