

Audacious - Feature #818

More efficient SongTuple D-Bus method

August 09, 2018 03:09 - Tom Thorogood

Status:	New	Start date:	August 09, 2018
Priority:	Minor	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	3.10		
Affects version:			

Description

I'm working on [a project](#) that uses the org.atheme.audacious D-Bus interface. In order to retrieve multiple song fields, multiple separate org.atheme.audacious.SongTuple D-Bus requests have to be made, and this quickly becomes inefficient and slow for large playlists. I'd like to propose a new D-Bus method be added:

```
<!-- Get the value of multiple tuple fields of some song -->
<method name="SongTuples">
  <!-- Song position in the playlist -->
  <arg type="u" direction="in" name="pos"/>

  <!-- Array of tuple names -->
  <arg type="as" direction="in" name="tuples"/>

  <!-- Return array of tuple values -->
  <arg type="av" direction="out" name="values"/>
</method>
```

This would allow a single request to be made per-song, rather than N for N-fields. The return values would be indexed in the same order as the tuple names.