

## Bela - Feature #1527

### Midi API

2016-01-14 02:48 PM - Giulio Moro

<b>Status:</b>	New	<b>Start date:</b>	2016-01-14
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	40%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			

#### History

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##### #1 - 2016-01-17 03:32 AM - Giulio Moro

- % Done changed from 0 to 40

Thought of switching to portmidi as a library for midi i/o and parsing messages.

Could not use it for midi i/o as it does not recognize midi devices plugged into the bbb, even if they are listed with

```
$ amidi -l
```

(tested with the mm.c program distributed with portmidi source code).

Issue is snd\_seq\_query\_next\_client() does not return the usb midi device (unlike on my laptop).

Two routes:

- write a file-system-like-based "pm\_read\_short" method (and more)
- make the device show up here

##### #2 - 2016-02-03 01:26 AM - Giulio Moro

Implemented midi output.

TODO: put the usleep inside midiInputLoop() and midiOutputLoop() , to allow support for multiple ports.

##### #3 - 2016-06-05 02:49 AM - Giulio Moro

add support for mldi messages without status byte