Example

BPM Masters

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description:	Macros for double, half, tap, reset each of the BPM masters.
remarks:	This is based on the fixed Titan IDs which we found exactly for these macros.

[, BPM, master, double, half, speed, tap, tempo,]

functions

- Masters.DoubleOrHalfSpeedMultiplier
- Masters.TapTempo
- Math.GetCurrentTimeStamp
- Masters.ResetSpeedMultiplier

The file

adb_bpmmaster.xml

has the macros already written for all 4 BPM masters. Here, we use BPM master 1 to explain it.

Code

bpmmasters.xml

```
<?xml version="1.0" encoding="utf-8"?>
  <macro id="Avolites.Macros.BPM1half" name="adb_BPM1 /2">
    <sequence>
      <step>Masters.DoubleOrHalfSpeedMultiplier(1607,false)</step>
    </sequence>
  </macro>

  <macro id="Avolites.Macros.BPM1tap" name="adb_BPM1 tap">
    <sequence>
      <step>Masters.TapTempo(1607, Math.GetCurrentTimeStamp())</step>
    </sequence>
  </macro>

  <macro id="Avolites.Macros.BPM1double" name="adb_BPM1 *2">
    <sequence>
      <step>Masters.DoubleOrHalfSpeedMultiplier(1607,true)</step>
    </sequence>
  </macro>

  <macro id="Avolites.Macros.BPM1*1" name="adb_BPM1 *1">
    <sequence>
      <step>Masters.ResetSpeedMultiplier(1607)</step>
```

```
    </sequence>
  </macro>
</avolites.macros>
```

Explanation

This explains the functional steps within the sequence. For all the other XML details please refer to Formats and syntax

- `Masters.DoubleOrHalfSpeedMultiplier(1607,false)` halves the bpm speed of bpm master 1 which is identified by its fixed titan ID
- `Masters.DoubleOrHalfSpeedMultiplier(1607,true)` doubles the bpm speed of bpm master 1 which is identified by its fixed titan ID
- `Masters.TapTempo(1607, Math.GetCurrentTimeStamp())` taps the bpm speed of bpm master 1 which is identified by its fixed titan ID. The timestamp is a required parameter for this function to work, see Masters.TapTempo
- `Masters.ResetSpeedMultiplier(1607)` resets the bpm speed of bpm master 1 which is identified by its fixed titan ID

How to use it

1. make this macro available
2. apply when needed (you'll see the results when you have BPM masters assigned)