


onNoteExpression

`onNoteExpression(event)`

Description

This callback function is called when the script module receives a note expression event.

 Note expression events are always processed by the engine, regardless of whether the event is posted or not. Therefore, the use of `postEvent` is not necessary.

Available in: Processor.

Arguments

event	Event object of the type <code>noteExpression</code> .	Event
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Fields

.type	The type of event (4 = <code>noteExpression</code>). See Event Types for details.	number
.id	The ID of the associated note-on event.	number
.noteExpressionType	The type of note expression event. See Note Expression Types for details.	number
.value	The note expression value in the range of 0 to 1.0.	number

Example

```
-- change note expression for root note and generated note
local ids = {}

function onNote(event)
    local id = postEvent(event)
    ids[id] = playNote(event.note + 7, event.velocity)
    waitForRelease()
    ids[id] = nil
end

function onNoteExpression(event)
    if ids[event.id] then
        changeNoteExpression(ids[event.id], event.noteExpressionType, event.value)
    end
    -- postEvent(event), not needed for note expression
end
```

See Also: [changeNoteExpression](#), [getNoteExpression](#), [Note Expression Types](#)