

# Note Expression Types

## Description

Enumerator to identify the different note expression types.

The note expression types volume, pan and tuning are pre-assigned internally and respond immediately. The custom note expression types must be assigned manually in the modulation matrix before they can be used.

**Available in:** Processor.

## Note Expression Types

The note expression type can be determined with these names or indices:

Index	Name
1	NoteExpressionType.volume
2	NoteExpressionType.pan
3	NoteExpressionType.tuning
4	NoteExpressionType.custom1
5	NoteExpressionType.custom2
6	NoteExpressionType.custom3
7	NoteExpressionType.custom4
8	NoteExpressionType.custom5
9	NoteExpressionType.custom6
10	NoteExpressionType.custom7
11	NoteExpressionType.custom8

## Example

```
-- detect the type of note expression
function onNoteExpression(event)
  if event.noteExpressionType == NoteExpressionType.volume then
    print('Note Expression of type "Volume" received!')
  elseif event.noteExpressionType == NoteExpressionType.pan then
    print('Note Expression of type "Pan" received!')
  elseif event.noteExpressionType == NoteExpressionType.tuning then
    print('Note Expression of type "Tuning" received!')
  elseif event.noteExpressionType > 3 then
    print('Note Expression of type "Custom" received!')
  end
end
end
```

**See Also:** [onNoteExpression](#), [changeNoteExpression](#), [getNoteExpression](#)