Notion 5 adds support to the following libraries from Sample Logic-System Blue:

- *Fanfare (marching brass)*
- *Rumble (marching percussion)*
- *Impakt (orchestral/cinematic percussion)*
- *Virtual Ensemble Trilogy (selections from Fanfare, Rumble and Impakt)*

Using Virtual Ensemble Trilogy Front Ensemble or Impakt with Notion

This document outlines using Virtual Ensemble Trilogy (VET) Front Ensemble, or Impakt with Notion 5.

Contents

VET Bass Drum

1. The Setup – Bass Drum is setup on a Single Line Percussion Staff
2. Users can choose between the different techniques in this manner:
    a. Gong Mallet Hits – b4
    b. Gong Mallet Mute – b4 + mute
    c. Freer 5 Hits – c5
    d. Freer 5 Mute – c5 + mute
    e. Cham Hit – d5
    f. Cham Mute – d5 + mute
    g. Rattan Slap – a4
    h. Edge Hit – "x" note head on any pitch
    i. Gong Roll – b4 + tremolo
    j. Cham Roll – c5 + tremolo
    k. Buzz FX – f3-f4 + "thumb" technique (each one of the 7 pitches plays a slightly different thumb roll sample as a one shot)

VET Bongos

1. The Setup – Bongos are setup on a Single Line Percussion Staff
    a. a4 = Low Bongo
    b. c5 = Hi Bongo
2. Techniques
    a. Open Hit = Standard Note Head
    b. Closed Left Hand = x
    c. Closed Right Hand = circle x
    d. Closed Finger Taps = Triangle (Hi Drum Only)
    e. Closed Multi Hit (Flam-ish) – Diamond

VET Cajon

1. The Setup – Cajon is setup on a Single Line Percussion Staff
    a. a4 – Low Hits
    b. c5 – Hi Hits
2. Techniques
    a. Low Deadstroke – a4 + "x" note head
    b. Hi Deadstroke – c5 + "x" note head
    c. High Knock – c5 + "circle x" note head
    d. Low Slap – a4 + "diamond" note head
    e. Hi Slap – c5 + "diamond" note head

VET Chimes

 Chimes playback for the entire Range of the recorded Chimes (c3-c7). They are setup on a Grand Staff. (Recorded glisses are not used because they are One-Shots). You can use Notion's Pedal/Pedal Off markings and also notated Glisses to perform these two techniques.

VET Conguitas

1. The Setup – Conguitas are notated on a Single Line Percussion Staff
   a. a4 – Low Hits
   b. c5 – Hi Hits
2. Techniques
   a. Low Closed (Muted) Hits - a4 + "x" note head
   b. Hi Closed (Muted) Hits – c5 + "x" note head
   c. Low Slaps - a4 + "diamond" note head
   d. Low Slaps - a4 + "diamond" note head

VET Cowbell

1. The Setup – Cowbell is notated on a Single Line Percussion Staff.
   a. g4 – Low Hit 1
   b. a4 – Low Hit 2
   c. c5 – Hi Hit 1
   d. d5 – Hi Hit 2
2. Techniques
   a. Low Muted – g4 or a4 + "x" note head
   b. Low Open Pings – a4 + "diamond" note head
   c. Low Muted Pings – g4 + "diamond" note head
   d. Hi Muted – c5 or d5 + "x" note head
   e. Hi Open Pings – c5 + "diamond" note head
   f. Hi Muted Pings – d5 + "diamond" note head

VET Crotales

1. The Setup – Crotales are setup on a Treble Clef Staff. There are 3 Octaves of samples in the Sample Logic Crotales (c3-c6). There are 3 techniques set for playback in the Crotales.
2. Techniques
   a. Hard Mallets – Aluminum Mallets (Main Sound)
   b. Soft Mallets – Medium Mallets
   c. Bowed

VET Garden Weasel

The Setup – Garden Weasel has 6 samples to choose from. The instrument is setup up to play on a Single Line Percussion Staff. 6 different sample choices playback on – (g4-d5)

VET Glock

1. The Setup – Glockenspiel is setup on a Single Treble Staff. It is a transposing instrument and sounds One Octave Higher than it is Notated. The Sample Logic Glockenspiel has 4.5 Octaves, the lowest Octave (c2-b2) is added.
2. Techniques – There are 4 techniques in the Glock sample set that are used. Pedals and Notion gliss techniques can be used for playback of those techniques. (Notion cannot use the Recorded One-Shot Glisses. They have been left out.)
   a. Hard Mallets – Aluminum Mallets (Main Sound)
   b. Chorale Mallets – Plastic Mallets
   c. Soft Mallets – Rubber Mallets
   d. Bowed

VET Gong

1. The Setup – Gong is setup on a Single Line Percussion Staff. Any note on the Staff will playback with its technique on the Staff
2. Techniques –
   a. Main Sound – a mallet strike on any note with no special technique added
   b. Chokes – Chokes are one-shots. There are two samples versions of a choke that are used in Notion with VET. There are two ways to notate a choke in Notion. Users can either use the Staccato articulation or the Choke Technique from the Express Entry Tool.
      i. Short Chokes – any notated choke that has a duration less than half a second
      ii. Medium Chokes – any notated choke that is greater or equal to half a second
   c. Tremolo and Roll All – These techniques play the same sample. It is a roll on the Gong. You can notate it with either Tremolo (3 bar divisions) or with the Roll All Technique from the Express Entry Tool.
   d. Scrapes – Scrapes can be notated two ways in Notion
      i. – they can be entered as an Expression from the Express Entry Tool
      ii. - they can also be entered with the "triangle" note-head.
   e. Notion currently cannot support the notation of Feathered, Fanned, or Splayed Beams for feathered or random rolls.

VET Guiro

There are some challenges to effectively write for Guiro as there are no fast and slow strokes, the samples are one-shots and cannot release based on duration. They are entered in Notion based on the pitch that you use to notate to get access to the samples that are available.

VET Hands

1. The Setup – Hands are setup on a Single Line Staff
    a. Hand Clap – Main Sound on any pitch with no articulation or note-head
2. Techniques
    a. Snap – "triangle" note-head on any pitch
    b. Snap Double – "Slashed" note-head on any pitch
    c. Snap Roll – "tremolo" or "roll all" on any pitch
    d. Sticks – "x" note-head on any pitch

VET Helix Bowl

1. The Setup – Helix Bowl is setup on a Single Line Percussion Staff
    a. Spring Hit – Main Sound that is Notated on a4
2. Techniques
    a. Hit – "x" note-head performs short strikes of the bowl or the spring
    b. Muted Hit – mute + "x" note-head
    c. Spring Hit no Wah – any pitch with non-vib expression
    d. Spring Hit w/ Wah – wah is notated with the vibrato and molto vibrato expressions
    e. Scrape – Scrape technique on any pitch
3. Notes – to gain variation using the Helix Bowls, there are three pitches to choose from for all of the samples in the VET package, except scrapes which perform on any pitch with the Scrape technique. The notes available to adjust with are a4, b4, and c5. Using different combinations of the Pitches with the different expressions will give realistic playback and the key for variation when being read by players.

VET Marimba

1. The Setup – Marimba is setup on a Grand Staff
    a. Hard Mallets – Main Sound is Hard Mallets
2. Techniques
    a. Medium Mallets – notated with "Chorale Mallets"
    b. Soft Mallets – notated with "Soft Mallets"
    c. Shaft Hits – notated with "diamond" note-head
    d. Deadstrokes - notated with "x" note-head
    e. Hand Slaps – notated with "circle x" note-head
3. Rakes – not currently available in Notion notation

VET Ribbon Crasher – Rocar

1. The Setup – Ribbon Crasher is setup on a Single Line Percussion Staff
2. Techniques
    a. Stick Strike – notated on a4
    b. Mallet or Edge Strike – notated with c5
3. Notes – Lift/Drop Sample – not currently available in Notion notation

VET Suspended Cymbals

Large Zill Bells
1. The Setup – Large Zill Bells are setup on a Bass Clef Staff and play back using the pitches f2-f3
2. Techniques – these play back as Stick Hits on the Large Zill bells
3. All of the Zill Bells are still in the patch so users can use the Large and Small Zill bells on the same staff with the same instrument if they so desire. Both Large and Small Zill Bells use the Rule Set [fezb].

Small Zill Bells

1. The Setup – Small Zill Bells are setup on a Treble Clef Staff and play back using the pitches g4-c6
2. Techniques – these play back as a main sound technique Stick Hit on the Small Zill bells
3. All of the Zill Bells are still in the patch so users can use the Large and Small Zill bells on the same staff with the same instrument if they so desire. Both Large and Small Zill Bells use the Rule Set [fezb].

22" Swish Knocker

1. The Setup – Swish Knocker is setup on a Single Line Percussion Staff and plays back Main Sounds on a4 and c5 pitches
2. Techniques –
   a. Main Sound – a4 and c5 pitches
   b. Bowed – any pitch with the Technique "Bowed"
   c. Bowed (option) – "circle x" note-head
3. Users have the ability to enter Bowed Technique sounds with either the Bowed technique, or with a "circle x" note-head

Splash Cymbals

1. The Setup – Splashes are setup on a Single Line Percussion Staff and play back two Main Sounds
2. Techniques –
   a. Main Sound 1 – g4 and a4 pitches for alternation
   b. Main Sound 2 – c5 and d5 pitches for alternation

18" Suspended Cymbals

1. The Setup – Splashes are setup on a Single Line Percussion Staff and play back two Main Sounds
2. Techniques –
   a. Main Sound 1 –a4 and c5 for alternation
   b. Tremolo – a4 and c5 with the Tremolo marking

c. Rolls (Tremolo) – a4 and c5 with the Roll All Expression
d. Scrape – a4, b4, c5 with the Scrape Expression (these are different Samples)
e. Tremolo and Rolls are sampled as Crescendos.
f. Scrapes durations can be controlled up to a point. The releases are a little long for Notion playback. Duration cannot be controlled in the Rules.

20" Suspended Cymbals

1. The Setup – Splashes are setup on a Single Line Percussion Staff and play back two Main Sounds
2. Techniques –
   a. Main Sound 1 –a4 and c5 for alternation
   b. Tremolo – a4 and c5 with the Tremolo marking
   c. Rolls (Tremolo) – a4 and c5 with the Roll All Expression
   d. Scrape – a4, b4, c5 with the Scrape Expression (these are different Samples)
   e. Brush Scrape – any pitch with the Scrape and Brush Expressions added
   f. Tremolo and Rolls are samples as Crescendos. Normally, users would write this into the score, rather than just have the sample play back that way.
   g. Scrapes durations can be controlled up to a point. The releases are a little long for Notion playback. Duration cannot be controlled in the Rules.

18" China Cymbals

1. The Setup – Splashes are setup on a Single Line Percussion Staff and play back two Main Sounds
2. Techniques –
   a. Main Sound 1 –a4 and c5 for alternation
   b. Tremolo – a4 and c5 with the Tremolo marking
   c. Rolls (Tremolo) – a4 and c5 with the Roll All Expression
   d. Scrape – a4 with the Scrape Expression
   e. Bowed – any pitch with the Bowed Expression added
   f. Tremolo and Rolls are samples as Crescendos
   g. Scrapes durations can be controlled up to a point. The releases are a little long for Notion playback. Duration cannot be controlled in the Rules.

VET Tambourine

1. The Setup – Tambourine is setup on a Single Line Percussion Staff
   a. Main Sound – There are two main hits that are used as the main sounds in the Tambourine
      i. Hit 1 – Tambourine Strike written on a4
      ii. Hit 2 - Tambourine Strike written on c4
2. Techniques
   a. Palm – can be written as an expression called Palm or by using the "circle x" note-head
   b. Thumb Roll – can be written as an expression called Thumb or by using the "diamond" note-head

> i. There is also a long and a short thumb roll that is used for durations of note values

3. Notes –
   a. The Thumb Rolls are one-shots. They do retrigger when the sample is re-used. Because the are one-shots, the duration cannot be shortened to match exactly with the duration of note values. That is why the short is used for shorter durations of notes in a score. But, even in the case of using the shorter sample, they will not always cutoff when they are supposed to.
   b. They are also not looped so you can't keep them running, which may not be applicable anyway.
   c. There are several samples to choose from in the VET Triangle for Thumb Rolls. Only two are used.

VET Timpani

1. The Setup – Timpani is setup on a Bass Clef Staff
   a. Main Sound – medium mallets
2. Techniques
   a. Hard Mallets – notated using the Hard Mallet Expression
   b. Soft Mallets – notated using the Soft Mallet Expression
   c. Soft Mallet Rolls – notated with the "Soft Mallet" Expression and the "tremolo" technique
   d. Medium Mallet Rolls – notated with no Mallet Expression or with the "Chorale Mallet" expression while using the "tremolo" technique
   e. Muted - notated with "no Mallet Expression" or with the "Chorale Mallet" expression while using the "muted" expression
3. Notes –
   a. Let Ring is always on for these Timpani because they are one shots. This causes some problems
      i. The sounds cannot be cut off with the palm mute unless you use the Muted Sounds
      ii. The durations cannot be set for releases
   b. There are four samples in the Hard Mallets channel of the Timpani that are set for Timpani Glisses. Notion's own gliss functionality will not work here.

VET Vibes

1. The Setup – Vibes are setup on a Treble Clef Staff
2. Techniques – There are three types of Mallets that can be used. Hard, Medium and Soft
   a. Hard Mallets – articulated with the Hard Mallet expression/technique
   b. Medium Mallets – articulated with Chorale Mallets expression/technique, or it is also the Main Sound mallet so normale, and no technique specified will play the Medium Mallets
   c. Soft Mallets – articulated with the Soft Mallet expression/technique
3. Notes –
   a. All vibes patches playback using the Pedal samples from Sample Logic. The way that Notion works, this will work well because the notes will playback for the proper written duration and stop, unless the Pedal marking has been added to the score. If

you add Pedal, the Vibes will ring out using these samples as well, but instead of cutting off, they ring.
    b. To access the Pedal Off samples in the Sample Logic set, you must use the Staccato articulation.
    c. There is currently no workaround to effectively control motor.

VET Water Triangle

1. The Setup – Water Triangle is setup on a Single Line Percussion Staff
    a. The main sound is a Single strike. There are four samples represented by Single strikes called "Hit". They are notated with 4 different pitches on the Single Line Percussion Staff
        i. Hit 1 – a4
        ii. Hit 2 – b4
        iii. Hit 3 – c5
        iv. Hit 4 – d5

2. Techniques –
    a. Vibrato – Vibrato is a strike with the triangle dropped in the water. It can be notated in two ways
        i. "vibrato" (vib.) as an expression
        ii. "circle x" note-head
    b. Tremolo – three slash tremolo plays on three pitches
        i. a4 plays the first sample
        ii. b4 plays the second sample
        iii. c4 plays the third sample
    c. Roll – using the "roll all" expression plays the same samples as tremolo
        i. a4 plays the first sample
        ii. b4 plays the second sample
        iii. c4 plays the third sample
3. Notes – These are one-shots and will not be affected by written duration

VET Wind Chimes

1. The Setup – Wind Chimes are setup on a 5 Line Drum Staff.
2. Techniques – Each Pitch plays a different style of Chime technique. The range for playback is c4-b5
3. Notes – Since they are one-shots, there may be pops happening due to voice limit overloads.

VET Wood Block

1. The Setup – The Wood Block is setup on a Single Line Percussion Staff
2. Techniques – There are two sampled Wood Blocks in the VET Wood Block set; a large and a small Wood Block. For each Wood Block there are two techniques that are sampled. There are Normal Hits and a Side Hit

a. Large Wood Block –
    i. Normal Hits – notated on g4 and a4 for alternation
    ii. Side Hits – notated on a4 with an "x" note-head
b. Small Wood Block –
    i. Normal Hits – notated on c5 and d5
    ii. Side Hits – notated on c5 with an "x" note-head