

Intermediate Musical Symbols (IMS) File Specification...
Basically an array of hexadecimal bytes with musical meaning
based on image processing or User Definition

BYTE 1: Tempo
0-255 (120 Typical)

BYTE 2: Key Signature

BYTE 3: Time Signature Top

BYTE 4: Time Signature Bottom

BYTE 5: Instrument Selection:
0 – 127 corresponds to actual MIDI patches (FF if a drum track)

BYTE 6: Note Value
0-127 corresponds to actual MIDI number

BYTE 7: Note Length
Variables for lengths: Whole = 0
Half = 1
Quarter = 2
Eighth = 3
(Can be added as image processing resolution increases...)

BYTES 8++ : Repeat bytes 6&7 until end of vector.