

Tab 1

# the format

song info/settings:

|                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| file signature/magic bytes          | will have to decide after picking a name for the tracker |
| song name                           | sized string                                             |
| author name                         | sized string                                             |
| tracker version/name                | sized string                                             |
| comment                             | sized string (length is up to 65536)                     |
| channel count                       | uint8                                                    |
| loop index                          | uint16                                                   |
| initial tempo                       | 32 bit float/fixed point                                 |
| initial ticks per row/rows per tick | uint8                                                    |
| default interpolation               | uint8 (0xff - unset)                                     |
| order table length                  | uint16                                                   |
| order table indices                 | array of uint16 values                                   |

for each pattern:

|                       |                 |
|-----------------------|-----------------|
| pattern length (rows) | uint16          |
| pattern data          | (variable size) |

for each sample:

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| sample length | uint32                                                               |
| sample name   | sized string                                                         |
| bit depth     | uint8 (values will be specific bit depths, not bit count per sample) |
| loop start    | uint32                                                               |

|                              |                                                                  |
|------------------------------|------------------------------------------------------------------|
| loop end                     | uint32 (0 = no loop)                                             |
| loop mode                    | uint8                                                            |
| base pitch (note)            | uint16 (bigger size to account for eventual microtuning support) |
| sample rate (for base pitch) | uint32                                                           |
|                              |                                                                  |
|                              |                                                                  |
|                              |                                                                  |
|                              |                                                                  |

for each instrument:

|  |  |
|--|--|
|  |  |
|  |  |