# Scale Workout Builder v1.0
User manual

# Introduction

The *Scale Workout Builder* plugin is a MuseScore 3.0 plugin allowing to create scores for practising musical scales in various modes.

It is built on two concepts :

- a set of patterns, made of the succession of different scale degrees,
- one or more root note on which the patterns will be applied.



# Patterns builder

Let's define which patterns will be added to the new workout score.

For example, for practising Major Triads, patterns such as "1-M3-5", "5-M3-1", ... are useful.

"1-M3-5" means "Tonic, Majoir Third, Fifth" degrees of the scale.

For example, for practising the Dominant 7 scale, patterns such as "1-M3-5-m7", "1-5-M3-m7", ... are useful.

## The pattern grid

A pattern is a succession of *degrees* to be played in sequence in the scale of the root notes.

For example, selecting the degrees "**1-M3-2**" for a **F** scale will lead to the following score:

# The repeat options

Each pattern can be repeated in various ways, along either itself or a scale.

| | | |
|---|---|---|
| ✕ | No repetition | |
| ♺ | Cycled mode | The pattern is repeated along itself.<br><br>So the pattern "1-M3-5-6" over F repeated in this mode will produce:<br><br> |
| ♺ | Reverse Cycled mode | Same as above by looping across the pattern in the reverse order |
| ⬈₃ | Triads up mode | The pattern is repeated for <u>every triad</u> of the scale defined in the *Scale* column. If no scale is defined, the plug-in will try to deduce it from the pattern.<br><br>So the pattern "1-M3-2" over **F** repeated in this mode and a Dominant 7 scale will produce:<br><br> |
| ⬊₃ | Triads down mode | Same as above, but in reverse order |
| ⬈ | Diatonic up mode | The pattern is repeated for every degree of the scale defined in the *Scale* column. If no scale is defined, the plug-in will try to deduce it from the pattern. |
| ⬊ | Diatonic down mode | Same as above, but in reverse order |

# Tools

There are several tools to ease the creation of workout:

| | |
|---|---|
| ✕ | Clear the pattern |
| 🗐 | Copy the pattern |
| 📋 | Paste into the pattern |
| ⬆ | Reuse a previously saved pattern |
| ⬇ | Save the current pattern for later usage |

# Root notes

In order to generate a score, a workout, a set of patterns, must applied to at least one root note. The root notes can be order freely. Different presets are provided, such as "Chromatic", "By Fourths", …

Example, the pattern "1-M3-5-8" repeated on a root notes scheme "By Fourth" will produce the following score:



# Workout tools

There are several tools for manage the entire set of patterns.

These can be used to reproduce later on a workout for other root notes.

| | | |
|---|---|---|
| ✕ | Clear the complete grid pattern | |
| ⬆ | Import a workout | |
| ⬇ | Save a patterns definition as a new workout | |