# **RELEASE NOTICE FOR SWAR STUDIO 3**

## Version 3.2.0

Platform	Improvement
Win/Mac	Content in plugins can now be auditioned without having to press Play in the host
Win/Mac	Regenerated default sound engines (old ones were often crashing)
Win/Mac	Consolidated scanning of effects
Win/Mac	Consolidated display of effects
Win/Mac	Some other bugs fixed

### Version 3.1.0

Platform	Improvement
Win/Mac	64 bits DAW (Catalina compatible)
Win/Mac	VST3 plugins support
Win/Mac	Scans for available AU, VST & VST3 synths
Win/Mac	Automation added (drag track header's bottom border to reveal it). Arm the track for automation, then change selected control while playing records the automation curve. Or edit curve with mouse. Works on Audio, MIDI and Aux tracks. And also on parameters of any plugin (effect or synth) in the track.
Win/Mac	Bounce track/selection in place, on a new track, or as a disk file. Allows for "freezing" a heavy Instrument track (bounce track into New audio track, mute and hide Instrument track).
Win/Mac	Hide track option
Win/Mac	Events List Editor: new filter added for MIDI events type and channel.
Win/Mac	Added icon for Mix View in the Toolbar
Win/Mac	Metronome now plays louder on bar start (previously always on 4 <sup>th</sup> beat)
Win/Mac	3 new Demo songs

### Version 3.0.2

Platform	Improvement
Mac	Important fix on more recent Mac systems.

### Version 3.0.1

Platform	Improvement
Win/Mac	Consolidation of various areas to achieve more reliable processing, including loading/recording of larger files and a smoother refreshing of loops visuals.
Win	Fixed occasional freezes on Windows 10
Win/Mac	Pitch shift field in Instrument tracks headers now also pitch shifts drums (previously only transposed melodic instruments)
Win/Mac	Smaller bug fixing

### Version 3.0.0

Platform	Improvement
Win/Mac	Added Aux tracks, as well as mono MIDI/Audio tracks
Win/Mac	Added optional dual pan controls for stereo tracks
Win/Mac	Added Input/output channels selection for each track
Win/Mac	Added Sends - each with Gain and Pan settings - along with 32 buses
Win/Mac	Audio samples/MIDI notes now displayed in loop (toggable)
Win/Mac	Gain points (toggable) over loop allow for customized gain curves
Win/Mac	Added fades (In, Out, Cross) with specific fade curve selection screen.
Win/Mac	On-track editing of audio loops (split, clear range, copy, paste, etc) replaces the previous Audio Loop Editor.
Win/Mac	Added 3 edit modes: Loop mode for moving, resizing, etc Range mode for selecting specific range to clear, copy, etc and Points mode to add, move gain points.
Win/Mac	Added snapping drop-down to define the increments at which loops that are moved, cut, etc will snap. Choosing "FREE" or pressing Ctrl (Cmd on Mac) while dragging overrides snapping and lets you move/cut/paste anywhere.
Win/Mac	Added loops grouping
Win/Mac	New Mixer view
Win/Mac	New MIDI Events list editor to view AND edit MIDI loops.
Win/Mac	Added auto Backup/Restore
Win/Mac	Added track color selection
Win/Mac	Keyboard shortcuts for main actions
Win/Mac	Toggable (vertical/horizontal) toolbar
Win/Mac	Ctrl-click (Cmd-click on Mac) resets controls to their default values
Win/Mac	Click and drag increments/decrements controls value
Win/Mac	Smoother zoom increments
Win/Mac	Track height resizing (through arrows or by dragging border)
Win/Mac	Vertical zooming added
Win/Mac	Tracks reordering (by drag & drop)

Win/Mac	Track image can now be changed through sideways arrows.
Win/Mac	Added PBR (Pitch Bend Range) field at track level, allowing you to define the default maximum pitch bending for your track.
Win/Mac	Added song guide bar at the top showing the currently viewed area and the loops spreading across the song. Same for MIDI Loop Editor, with notes instead.
Win/Mac	Added short release time when stopping/pausing playback.
Win/Mac	Enhanced Loop Editor's Pitch Bend and Expression graphs to automatically extrapolate the values between the points entered.
Win/Mac	You can now change the instrument photo at track level.
Win/Mac	New, sleeker look & feel and new icon
Win/Mac	Various other enhancements and bugs fixed