

9.6 what's9.x (who knows?)      Less bugs (there are much less already).

### 9.6.1 ()

(public beta)

#### **Bugfixes:**

Fixed crash when "Split by channel" while PR is open.  
Fixed vel mapping not updating when "resetting" it.  
Fixed broken View->Browser menu items.  
Fixed stuff related to song loop marker.

#### **Additions:**

New playback/preview tool in playlist (alt+right click).

### 9.6.0 (30/09/2010)

(public beta)

#### **Bugfixes:**

Fixed bug when pressing F2/F3 in name edits without color selection.  
Fixed bug relocating in a piano roll in song mode.  
Fixed new bug in Harmless'es self-osc.  
Fixed long pause when relocating mixer tracks on dual cores.  
Wrapper: Fixed info flags bug that caused shell plugins to fail to load  
Wrapper: Removed some log entries that caused slowdowns  
Wrapper: Fixed loading/saving settings when switching to and from bridged mode  
Wrapper: Various fixes loading plugin settings  
Wrapper: Fixed crash with bridged Crystal VST  
Wrapper: Fixed loading Waves plugins from settings  
Wrapper: Support interfaceless VST3 plugins  
Wrapper: Properly set plugin name when loading a VST3 subplugin  
Wrapper: Fixed freeze in BitterSweet II  
Wrapper: Various changes in bridge to prevent freezes  
Wrapper: Hide editor windows when showing options window instead of closing them  
Wrapper: Fixed some memory leaks  
Wrapper: Fixed note velocity for VST 3 plugins  
Wrapper: Fixed locating a 64bit plugin from settings  
Downloader: Fixed crash when using prev preset function  
Downloader: Fixed installation "error [0]"  
Downloader: Fixed update of list from within plugin  
Downloader: Fixed listing user items  
Downloader: Fixed showing unrelated paths for lists that had "FL" download location  
FL Studio VSTi: Fixed "no audio" bug when loading FL VSTi from file in Studio One  
DirectWave: Fixed loading of compressed wave files  
FPC: Notify FL of changed semitone names when loading a mapping

#### **Additions:**

Reworked piano roll (vertical zoom).  
Mute tool now flips mute state on a whole row when used on side keyboard in piano roll.  
Pause key now pauses playback (like ctrl+space).  
Added basic support (transport controls) for Kontrolux keyboard.  
Added "remember seek time" option (right-click stop button).  
Improved deleting of overlapping notes/clips (now only deletes the top one).  
Added waveform display helper (Alt+N) to piano roll/event editor (drop sample onto them).  
Improved zooming from side keyboard in piano roll.  
Added optional more precise playback indicator in PR/PL/EE (view menu).  
Alt+click or X2 button on ghosted notes switches to the note's channel.  
Shift+wheel now moves channels, mixer tracks, playlist tracks & patterns (in step seq selector) around.  
Improved autoscrolling when moving events around.  
Song loop marker becomes song loop mode for normal markers, right click freed on time bar.  
New handle to rescale scores.  
PR's note hint now also adds key name & MIDI note #.  
Added "Assign all to->MPC/Trigger Finger/padKontrol pads" option in Slicex.  
Improved zooming/scrolling/grids in FL (no more zoom selector) & several plugins.  
Improved right-shift+click on markers in audio editors.  
Double-right click in PR now mutes (but still selects in stylus mode).  
Middle click on PR keyboard to resize it.

New click-free "magic lasso" experimental feature (works well enough in PR, not so much in crowded PL).

X1 mouse button on existing notes starts a selection.

Added "Quick quantize start times" tool.

Changed Caps Lock to allow resizing notes from left to Ctrl+Home (see Edit menu).

Line snap=tick snap at max zoom level.

Browser can be set to auto-hide (docked or floating).

Fixed multithreading bug with adjacent mixer tracks routed to the same hardware outputs.

Updated mouse cursors.

New autobackup/autosave system (that also includes the old trash bin folder).

"Close all windows" doesn't hide floating toolbars anymore.

Project browser: "Automation" renamed to "Patterns", patterns in them have proper pattern popup that allow renaming & relocating, patterns have proper colors, and extra mouse buttons move through patterns.

Added "Lock to most used clip" feature to playlist tracks, to mimic playlist block behavior.

Fixed note lengths being off by 1 tick.

Fixed mouse wheel bug (Delphi's fault).

Removed old "Main automation" named pattern from (minimal) templates.

Optimized size of near-empty FLPs a little.

Middle-clicking <> preset selector brings presets in the browser.

In pattern mode, single-clicking on clips jumps to patterns or channels.

Project browser now lists patterns that have steps in the step seq.

Fixed lots of mem leaks.

Rendering & loading progress now shows in Windows 7 taskbar button.

Improved channel's "assign free mixer track".

Fixed weird escape key problem.

New vertical zoom in envelope editor (shift or alt+wheel, double middle click, etc).

Wrapper: Can now load VST3 and 64bit plugins by dragging the .dll/.vst3 file to the wrapper

Wrapper: Added extra options for fixed size buffers for special cases (mostly hardware-accelerated plugins)

FPC: Pads can have empty names now

FPC: Added wheel support and level zooming for env editor

Fruity Envelope Controller: Added level zooming for env editor

**9.5.0 (7/07/2010)**  
 (public beta)

**Bugfixes:**

Little modification in loop recording.

Fixed memory leak in spectral display.

Harmless: little bugfix in oscillator import.

Maximus: fixed bug in oversampling (all times were doubled).

Fixed "black note=hold, white note=toggle in remote control" that was broken for lower octaves.

Playlist: marker relocation now undoable.

Fruity WaveShaper: switching to bipolar behaves better when alt curve point mode is used.

Fixed bug in playlist clip merging.

Fixed various redrawing oddities.

Fixed adapting automation events when changing PPQ.

Fixed window size bug in Slicex.

Fixed minor inaccuracy in automation clips timing.

Fixed EQ mix knob bug in Fruity Convolver when opening it from menu.

Fixed little drag/drop mistake in Harmless.

Fixed odd bug with effect sidechaining when loading specific projects.

Ogun: fixed tiny memory leak.

Fixed little bug in envelope editor open dialog.

Fixed rare visual bug in env editor.

Fixed slight loop recording problem.

Wrapper: fixed initial size of some VST 3 plugins

Wrapper: fixed mouse wheel speed for VST 3 plugins

Wrapper: fixed issue listing plugin i/o after a change initiated by the plugin

Wrapper: fixed knob mode setting for VST 2 plugins

Wrapper: fixed stack overflow when activating plugin

Wrapper: fixed potential crash while loading plugin

Wrapper: fixed problem for some VST 3 plugins  
Wrapper: fixed mixing of multiple outputs to plugin track when fixed size buffers are used  
DirectWave: fixed reliance on MS runtime DLLs  
DirectWave: fixed resizing of options dialog when fonts are scaled  
Envelopes: fixed neverending envelopes with unconventional arp setups.

**Additions:**

Much improved "keep on disk" option.  
Piano roll/playlist/event editor: removed "Delete all", cut/copy/delete now applies to all if no (events and time) selection.  
Inverted behavior when resizing clips from left side with slip editing.  
Prevents early recorded notes when "wait for input" is on but "recording precount" is off.  
Improved auto placement of recorded clips in the playlist.  
Automation clips & envelope editors: left alt bypasses snap while editing, right alt (& also alt+right click) deletes points, improved step editing (post decimation).  
Improved piano roll note display (faster & looks slightly different), ghost notes now really ghosted.  
ASIO: now avoids buzzing while lots of underruns occur.  
Playlist: tracks can now be resized individually.  
F3 in name editor picks last used color.  
Added offset feature for better (less bad) DirectSound performances under Vista.  
Added new alternate playback tracking mode that doesn't rely on driver, as well as offset.  
Added option to mix directly in ASIO's bufferswitch.  
New playlist marker options.  
Playlist now showing bar #s after 999.  
Playlist/piano roll: can now display time segments other than 4 bars (View->Time segments).  
Can now relocate project in song mode from piano roll.  
Slightly less clicking when switching presets.  
Less clicking when relocating songs with audio clips (& granular effect on clips when declipping is generic or above).  
Option to move playlist marker content left & right.  
Option to play notes crossing playback start position.  
Better sorting of MRU colors in name edit.  
Improved autoscrolling for some editing features.  
Improved playlist Edit->Merge pattern clips.  
Piano roll delete/mute doesn't create undo level before actually deleting/muting.  
Manual (de)selection now creates undo level.  
Shift+up/down now works in playlist too.  
New "Merge similar pattern clips" editing feature to merge selected patterns & all their clones.  
Playlist: option to disable track grid.  
Speeded up playlist display, some new display options.  
Time markers now displayed as ticks in main song position slider + their names in its hint.  
New "copy/paste value" for envelope (& automation clips) points, compatible with parameter's "copy/paste value".  
New "duplicate" (ctrl+B) option in piano roll & playlist.  
Event ID ranges are now cached (for speed).  
Improved scrolling & optimized refreshes in PR/PL/EE.  
"Select time around selection" now selects the zoomed part when no selection.  
Activity indicators for playlist tracks.  
PR/PL: Insert now cuts events at mouse cursor position.  
New "wide tracks" mixer view.  
Added support for Cakewalk A-Series controllers.  
Added support for M-Audio Oxygen controllers.  
Left shift+resize now move splits in piano roll & playlist.  
Right shift+resize now rescales events in playlist as well (slightly differently).  
Changed "Make unique" and added "Make unique as sample" for audio clips.  
Home (begin) key now relocates to the bar that's the nearest to the beginning of the view (ctrl+home starts from zero) in PR/PL.  
Improved meters everywhere.  
Automation clips & internal controllers don't prevent using event automation for the same parameter anymore.  
Changed way channel pitch bend is automated, to allow proper use of link smoothing.

When an automation clip is created for tempo or channel pitch bend, a default "sane" range is assigned to the clip.

Little speedup in Fruity Limiter, Maximus, Vocodex.

Edison/Slicex/Fruity Convolver: holding shift while dropping files appends audio to the existing data (ctrl still replaces regions).

Markers now imported from MIDI files to the playlist.

Little improvements in step edit mode (inserted notes are selected, can now relocate using time bar in PR).

New waveform (peak tracking) view for mixer meters.

Added "Current clip source" list in playlist track menu (listing the clips sources used in the track).

New triple buffering ASIO mode.

Wrapper: added messages while plugin is loading and when it's failed to load

Wrapper: added 32bit bridged mode to run VST 1, 2 and 3 plugins in a separate process, to let them use more memory (not supported for DirectX plugins)

Wrapper: added support for 64bit VST 1, 2 and 3 plugins (not supported for DirectX plugins)

FPC: small changes to saving/loading

Maximus: improved crossover.