

FluCoMa Max: Release Notes

Changes from production to main (flucoma/flucoma-max)

Compared: production (e9deb89, 2025-08-31) → main (d685140, 2025-12-20)

main is 8 commits ahead of production. production has 3 commits that main lacks, but they are only merge commits from pre-production, so no content is missing from main. Six files changed.

Fixes

- **Jitter plotter modifier keys (fluid.jit.plotter):** Modifier-key parsing was broken by a change in a Cycling '74 update, and it now works again. (#457, Balint Laczko)
- **fluid.bufToList~ hover helper:** The inlet and outlet hints had been copied from the wrong object. The inlet now shows “(bang) start processing; (buffer <symbol>) set source and start processing” and the outlet shows “(list) buffer content as list”. (#454)
- **Assist string buffer overflow:** Assist strings for inlet and outlet hints now have a bounded size, removing unbounded sprintf calls in the buffer-assist helpers. (Owen Green)

Documentation and help patchers

- **fluid.kmeans~ help:** The example's initialisation values were wrong, leaving the four initial centroids clustered together. They are now spread across the corners of the unit square. (Pierre Alexandre Tremblay)
- **fluid.labelset~ help:** Removed a hidden duplicate object from the patch and tidied its window position. (#453)

Build

- **Compiler warnings:** Suppressed the clang -Winvalid-offsetof and -Wcast-function-type-mismatch warnings in the Max wrapper.
- **CMake:** Set policy CMP0177 to NEW and added DOWNLOAD_EXTRACT_TIMESTAMP to the fluid.waveform download, clearing warnings on recent CMake versions.

Notes for upgrading

There are no new objects, no changes to object behavior or parameters, and no breaking changes. Apart from the plotter modifier fix, the changes are cosmetic or build-related, so this reads as a patch release. The latest tag in the repo is 1.0.9.

Commits

SHA	Summary
d685140	kmeans: fix initialisation values in the example
400ea8f	Merge PR #457 (jitplotter modifier fix)

SHA	Summary
00e671d	Deal with C++ and cmake warnings
c35afd3	Fix modifier parsing after Cycling '74 update
0e4b990	Merge PR #454 (bufToList hover helper)
bf0ad09	bufToList: fix the hover helper string
c25af49	Merge PR #453 (typo)
85e5d65	Fix hidden duplicate