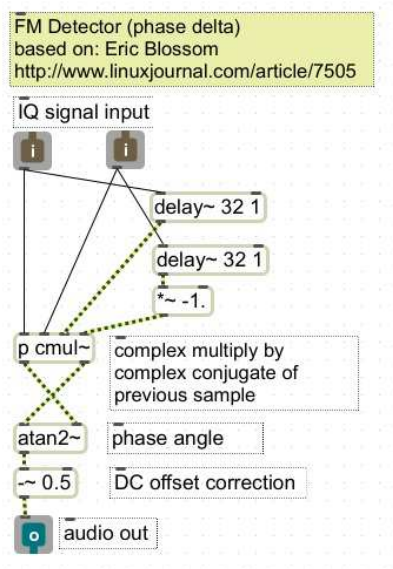


FM Detector

Double-click the [detector] subpatch to look inside. The FM detector should look similar to this one:



The FM detector calculates the derivative of phase change from one sample to the next. This type of detector is called a differentiator. If it seems more complicated than AM, it's because it really is. It's also tough going for the Max signal processing engine. If you hear buzzing and crackling that gets progressively more annoying, try increasing the signal vector size (in Audio Status).

The FM Wide mode uses the same detector with a much wider filter prior to detection. Did you notice that the mode selector button now automatically sets filter width and scale? Look in [filterSettings].

Notch/Peak Filter

Double-click the [notch_filter] subpatcher, then Double-click the [notch_filter_engine] patcher to see a graph of the filter.

