

**MidiLang 1.31**  
**FAST DESCRIPTION**

MidiLang has been created to :

- allow effects such as **echo, delay, loop in live** (i.e. during your play) and on Midi Files ( .mid files )
- calculate **best chords** for a given melody in live
- be able to add automatically **bass** based on your play in live.
- do any kind of **Midi Mapping** ( change in live of the any controllers ( breath control, modulation control...)
- allow **user defined splits** ( not only those specified by the manufacturer of your keyboard)
- save/load your play in **.MID file**
- get an **interactive link** between the PC and your synthe: you can change any parameters, or any options directly from your midi keyboard.  
There is no more need to run from the PC keyb. to the Midi keyb.
- allow anyone to **create his own effect** with a simple but powerful interpreter of **Midi Programming Language** (MPL)
- allow users to create their **own library of effects**, easy to update and to share.

There is no need to be a programmer to use MidiLang, you can just use already done mpl file. But MPL is a so easy to use language that you should try to define your own effect.

For a real programmer, this language is simple, a little bit like assembler. I'm working on a compiler of a high level MPL. but don't forget that the aim of the low level MPL is to get a easy way to define fast effects. This language is very fast ( actually it's compiled in memory during the load process ) so can do almost any thing you may have dream to do with your midi keyboard.