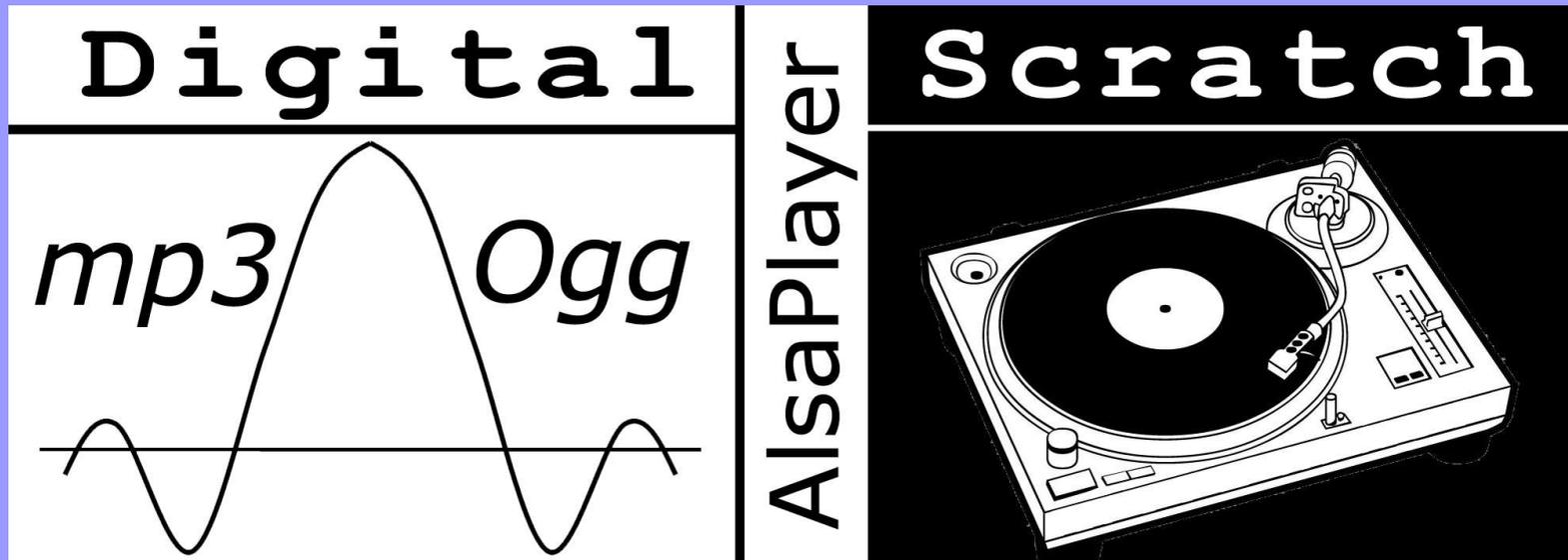


Digital – Scratch : *le mix digital*

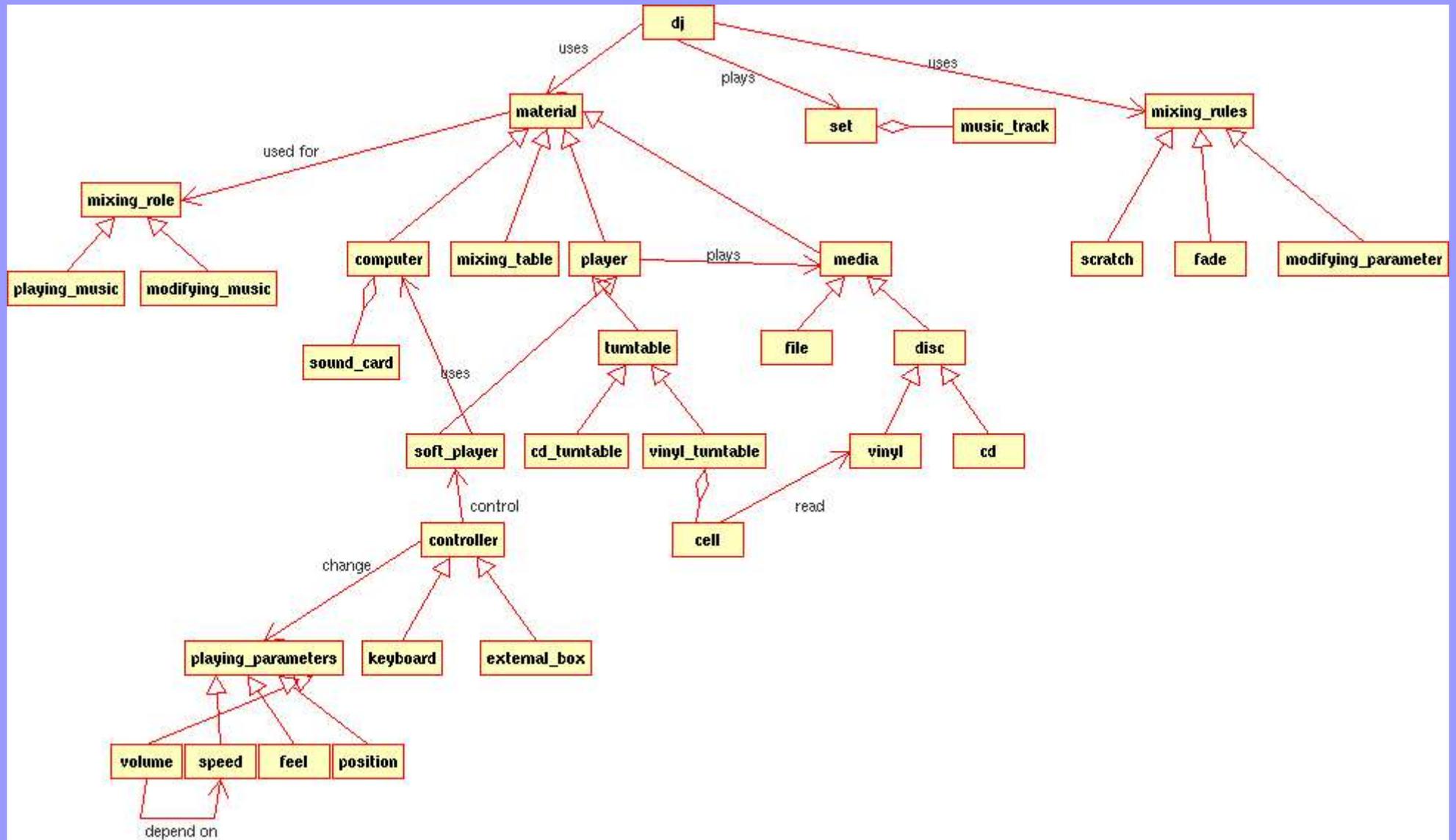


TX5x – Pilotage de fichier audio numérique par platine vinyle

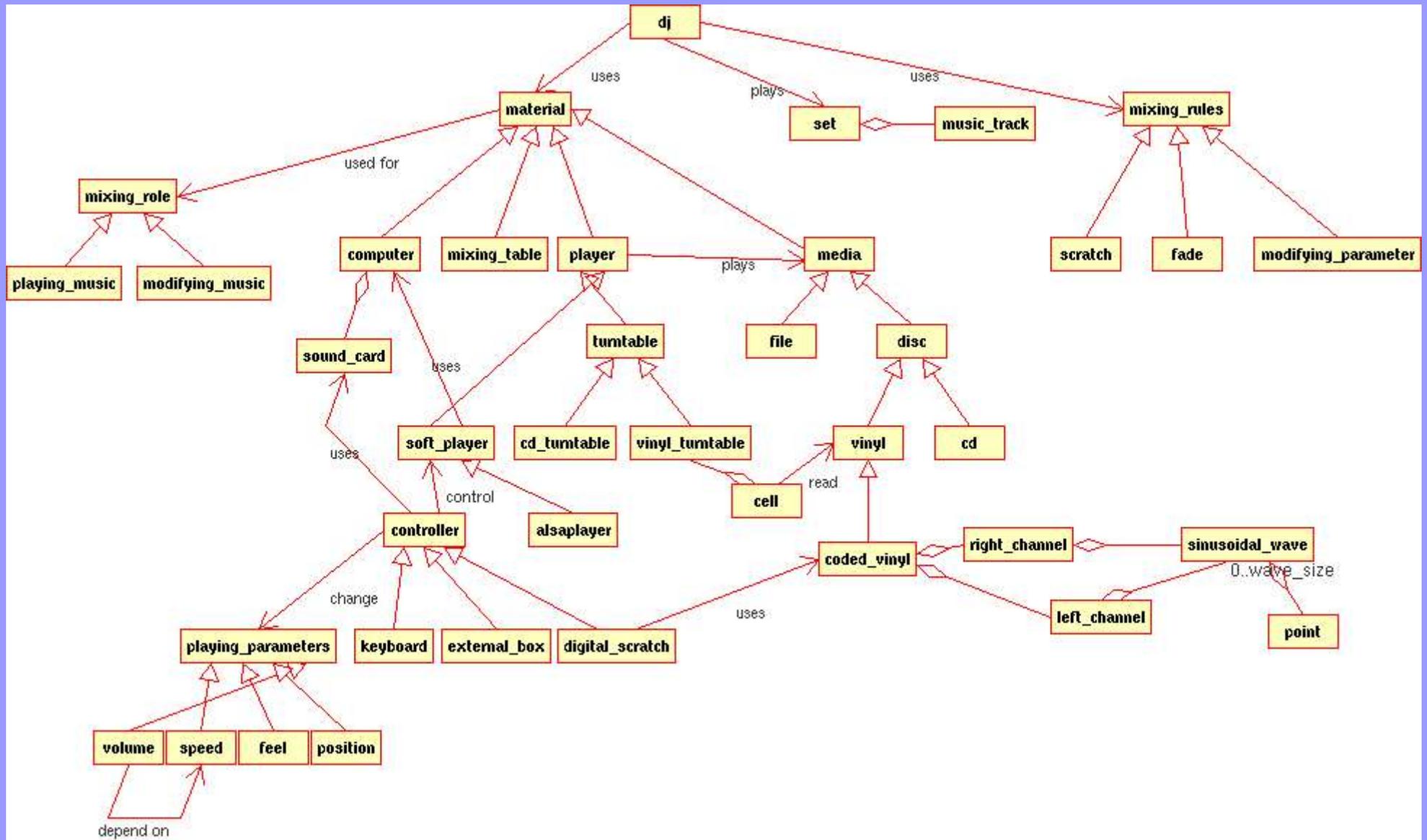
Etudiant : Rosener Julien – P2004

Suiveur : Lacaille Nicolas

1. Modélisation du domaine



2. La solution Digital-Scratch

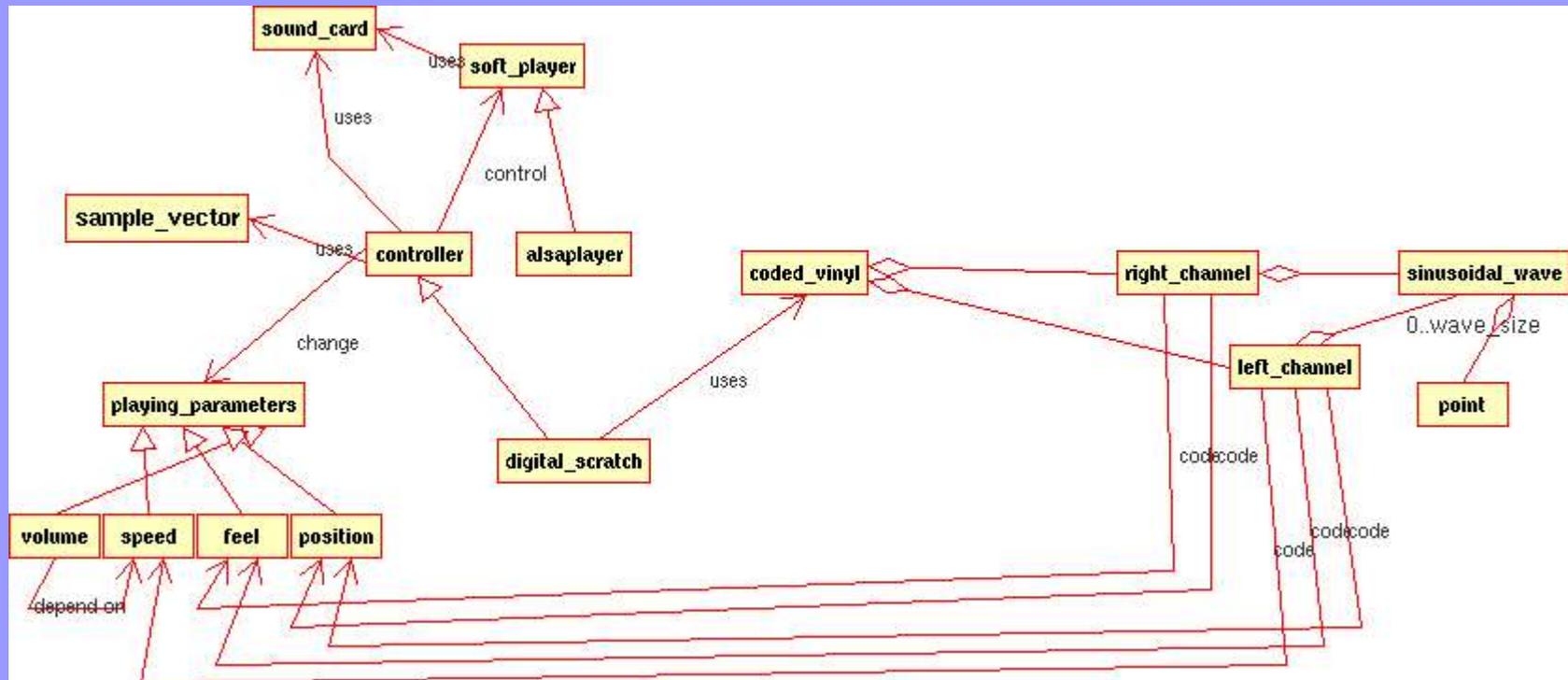


3. Le cahier des charges

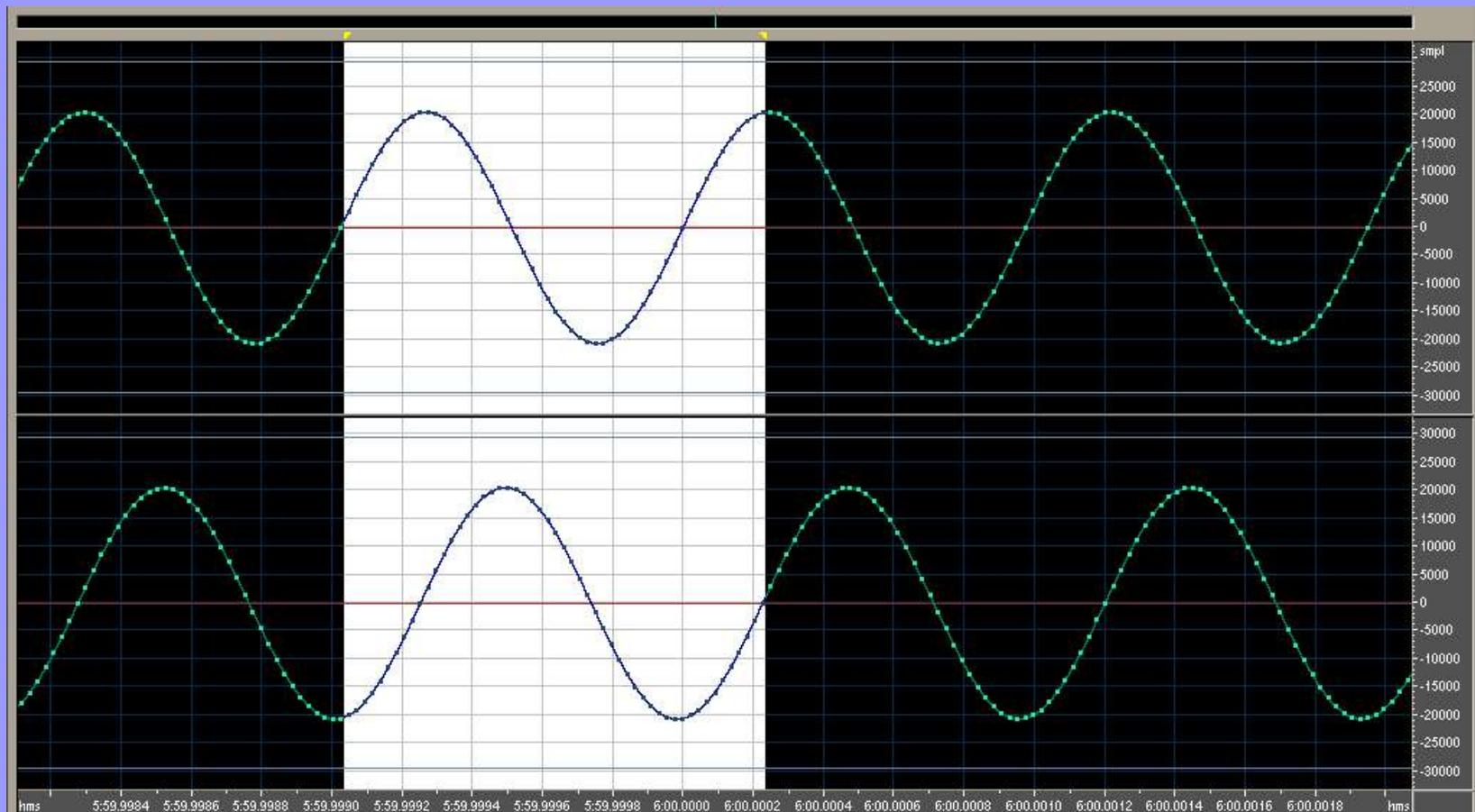
- * Matériel
- * Lecture
- * Disque
- * Player



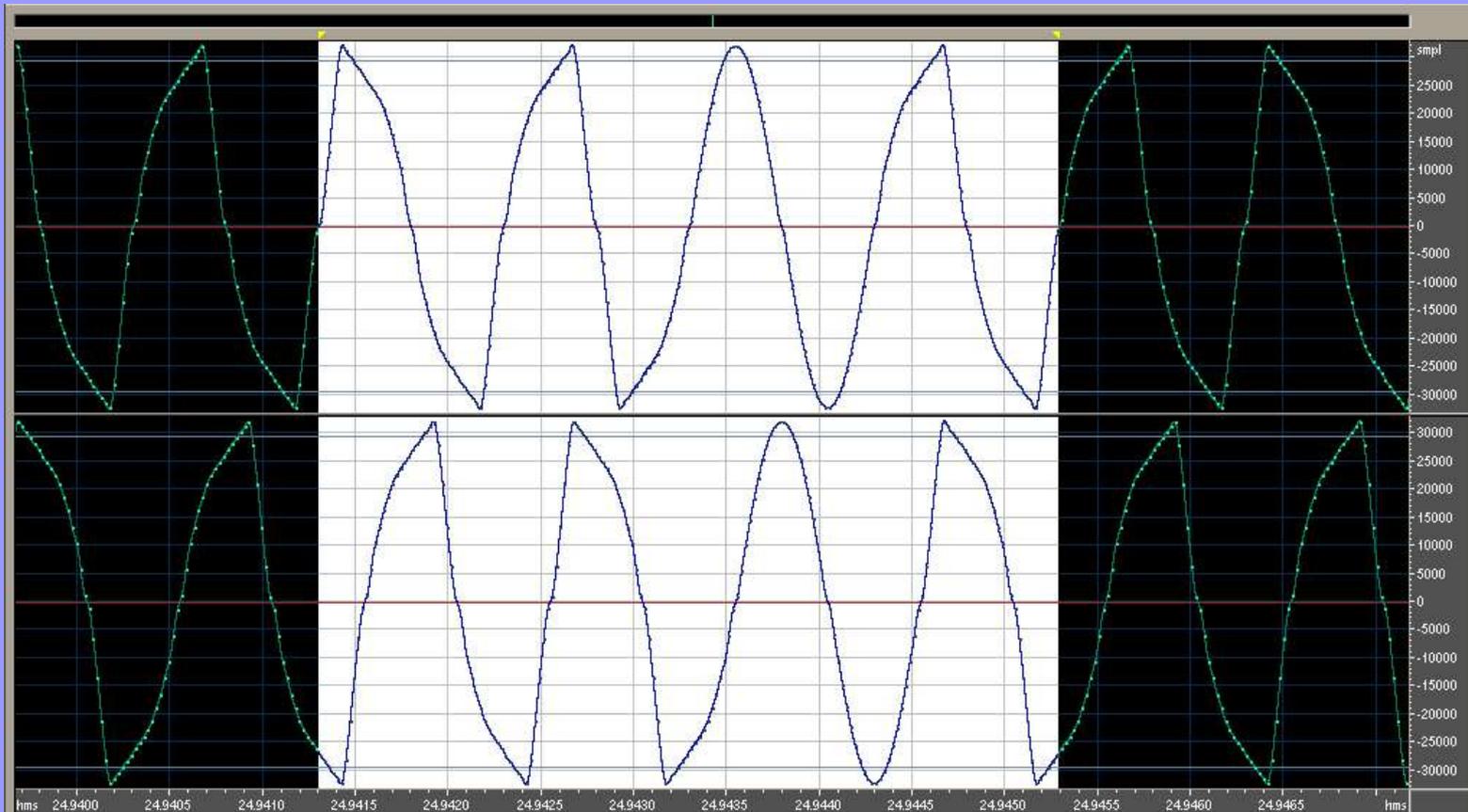
4. Conception >> diagramme



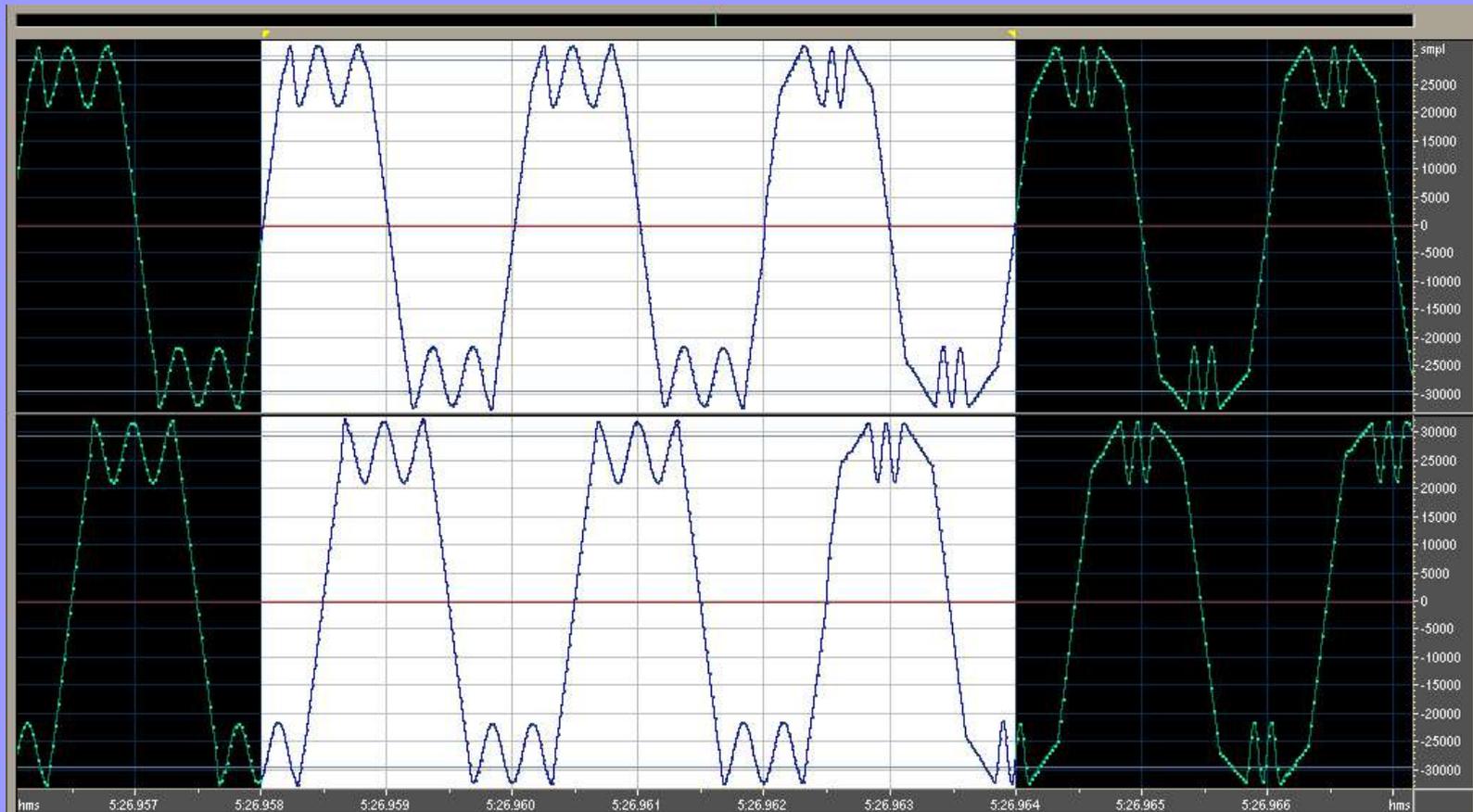
4. Conception >> timecode (1)



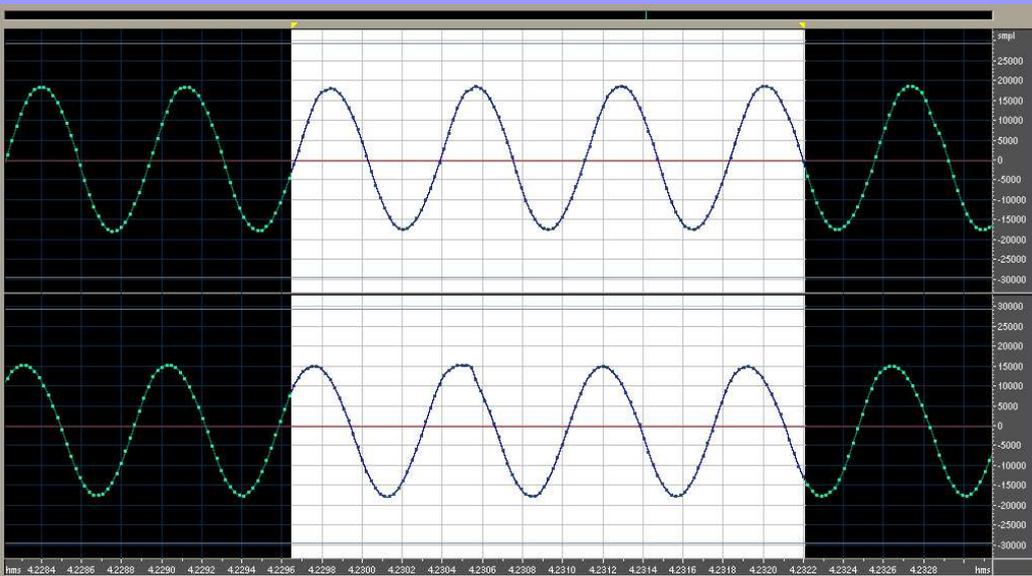
4. Conception >> timecode (2)



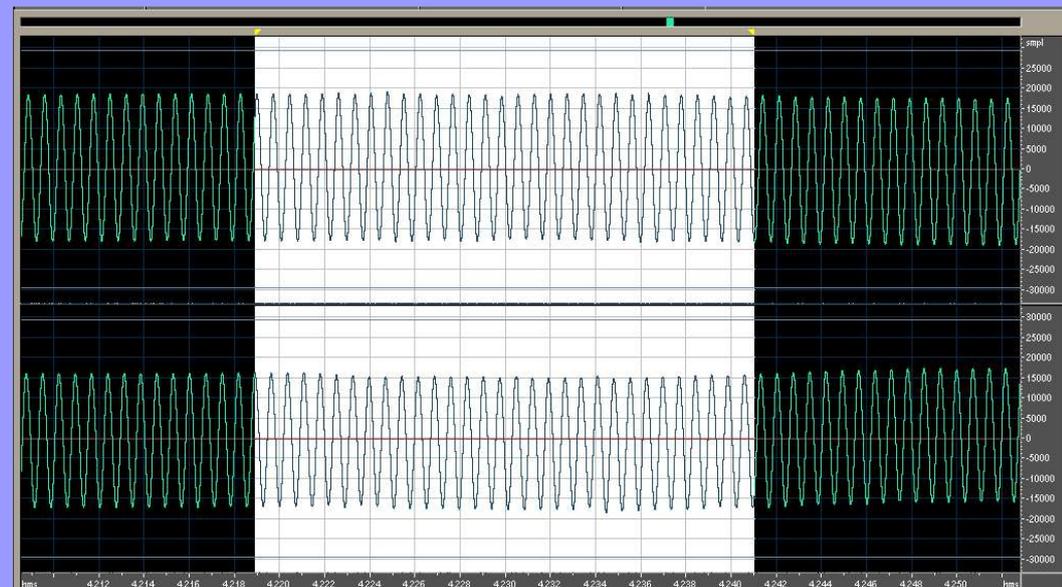
4. Conception >> timecode (3)



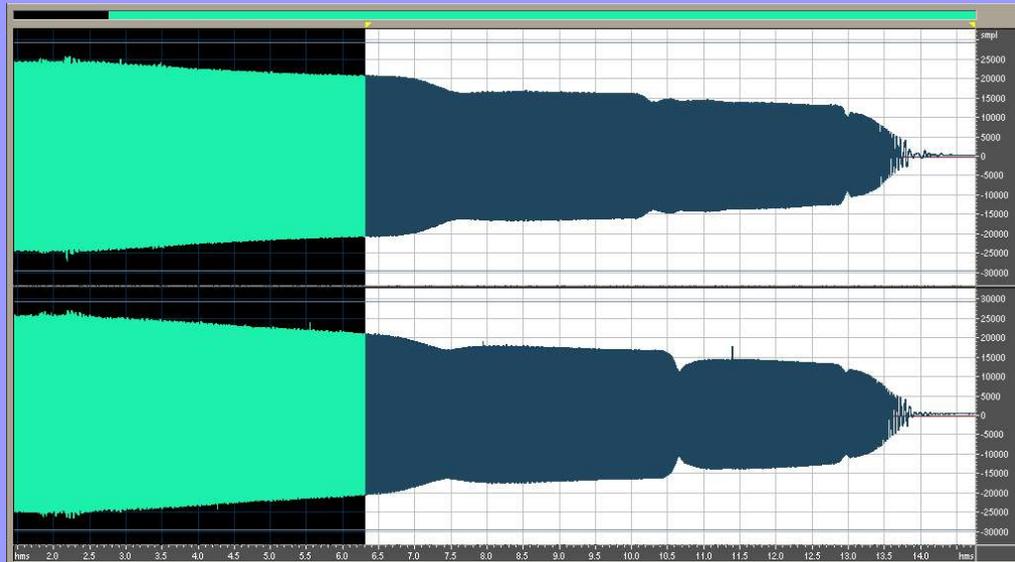
4. Conception >> timecode (4)



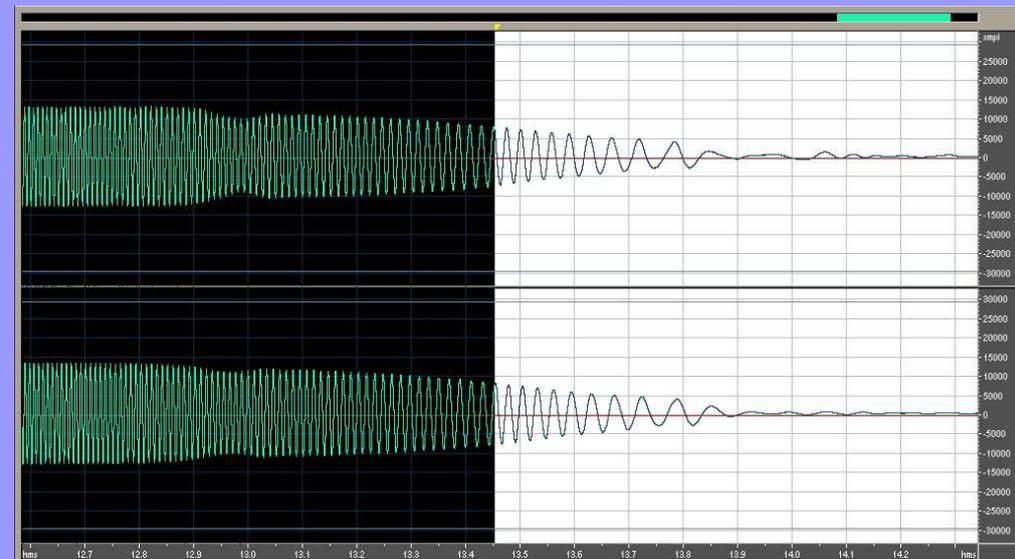
* Lecture normale



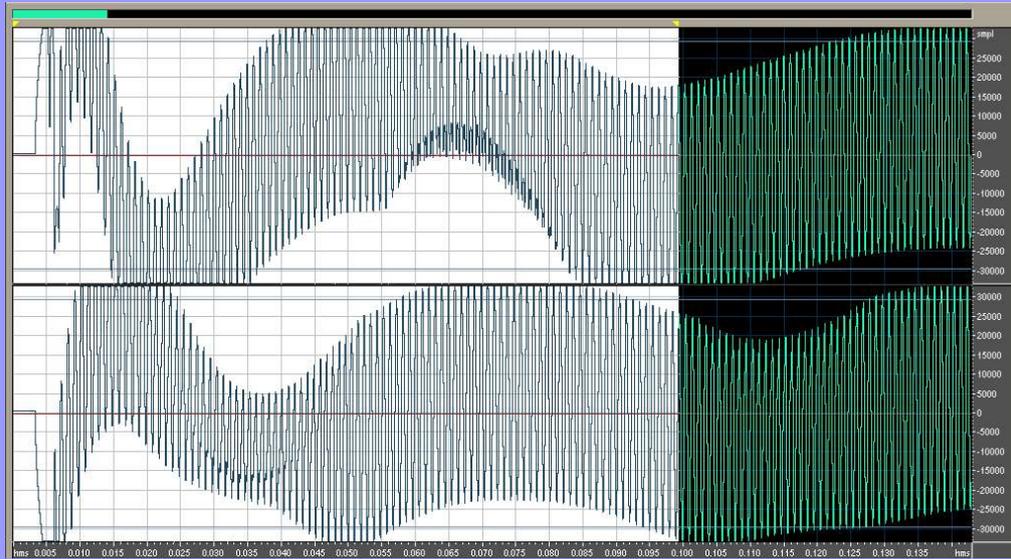
4. Conception >> timecode (5)



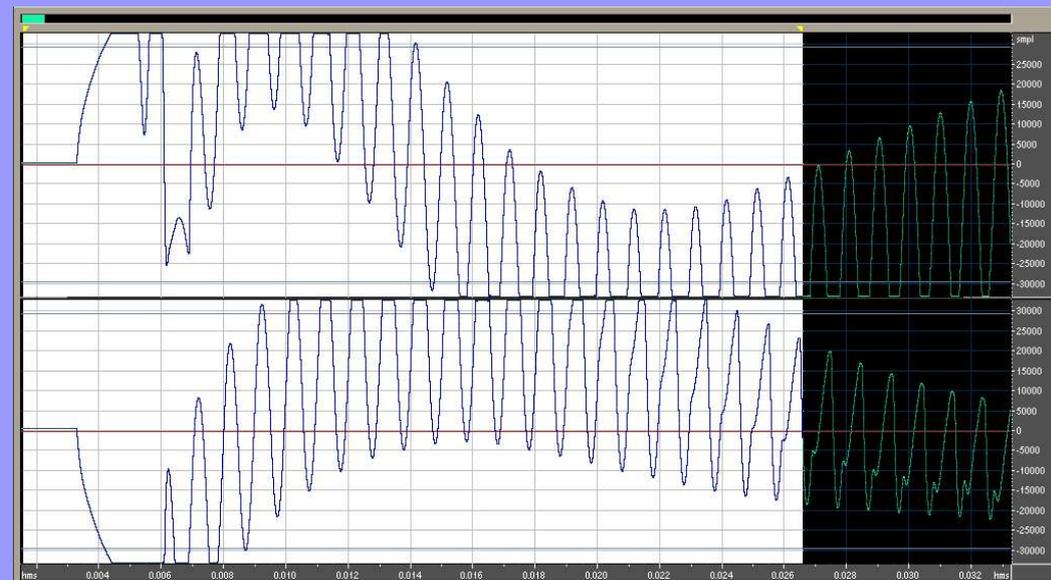
* Arrêt de la platine



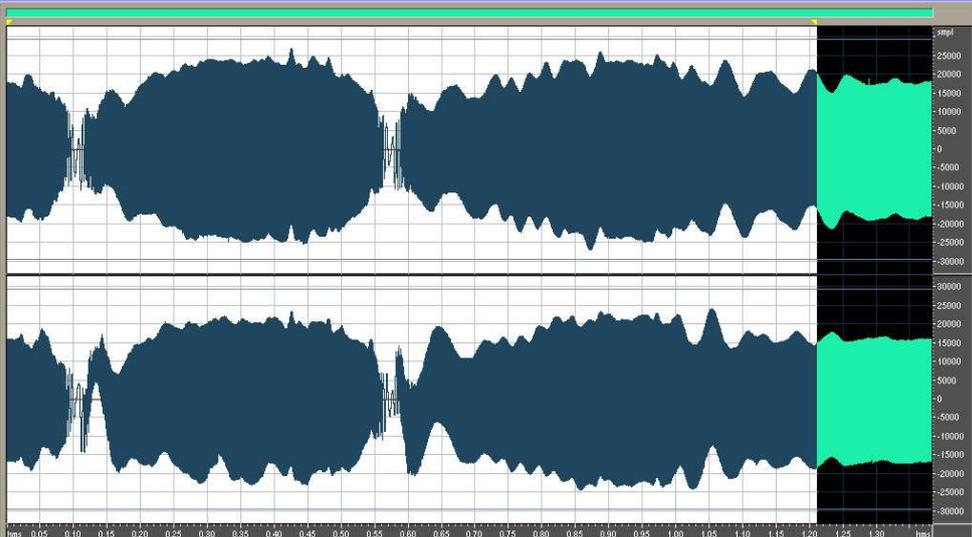
4. Conception >> timecode (6)



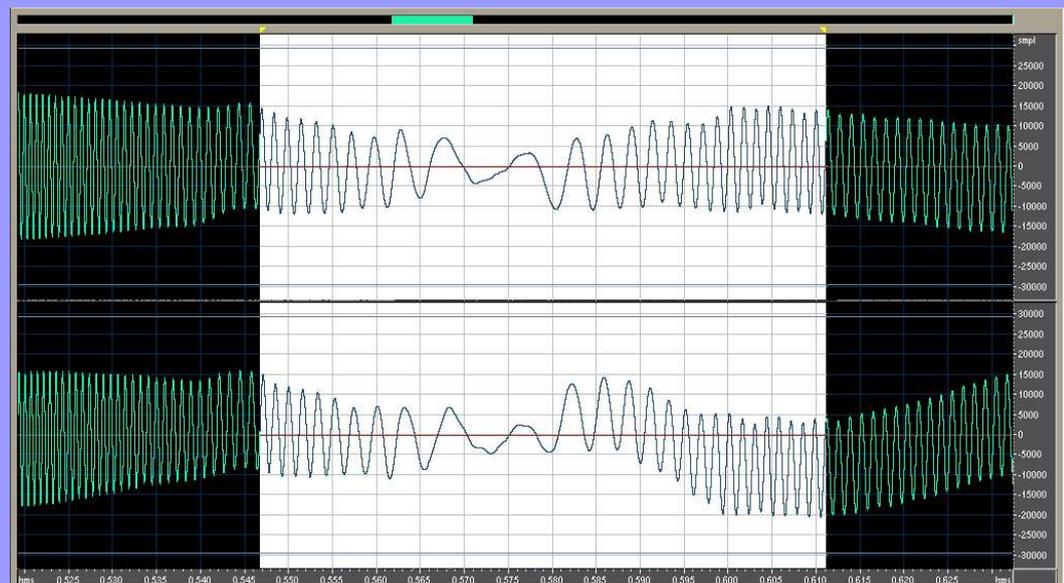
* Pose de cellule



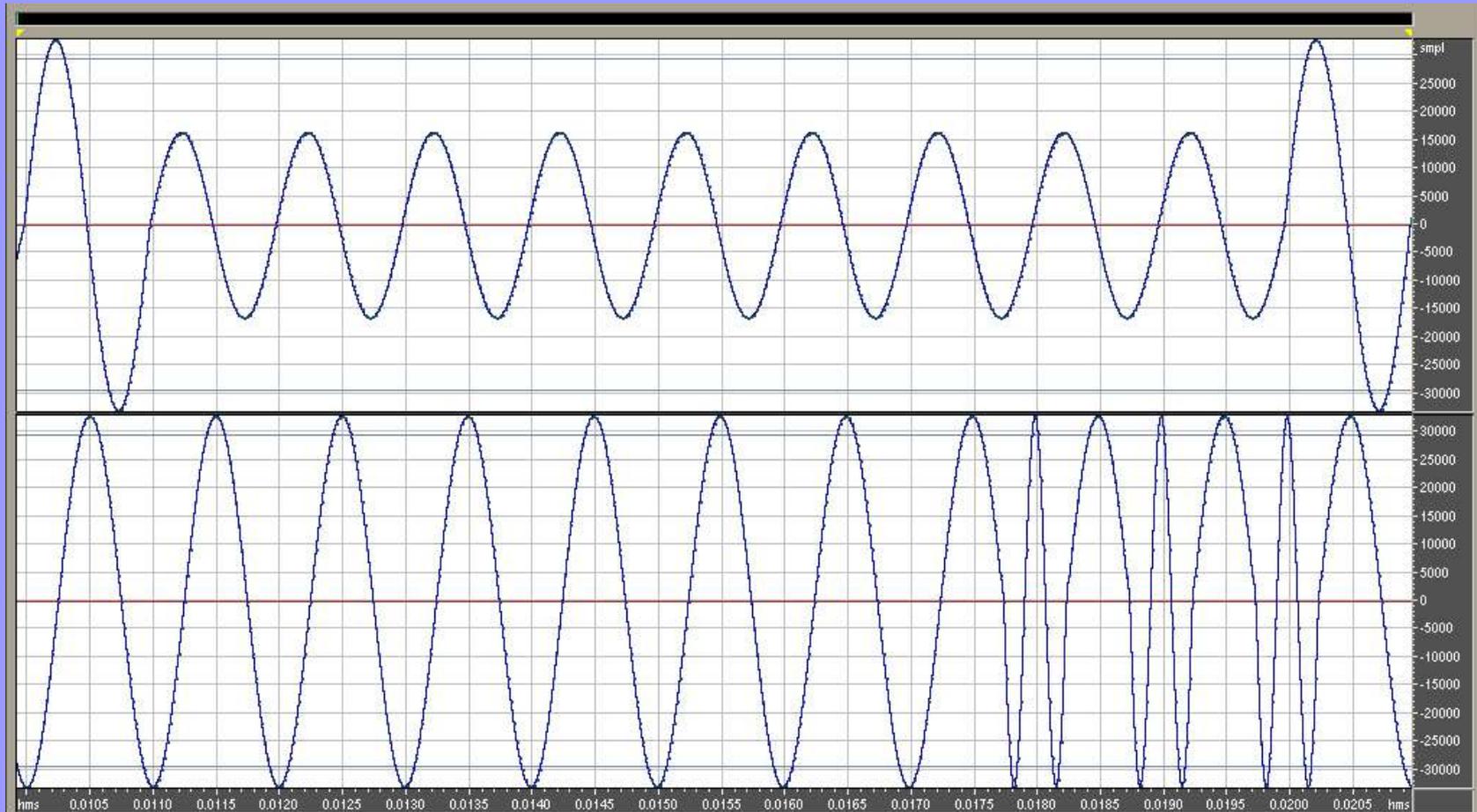
4. Conception >> timecode (7)



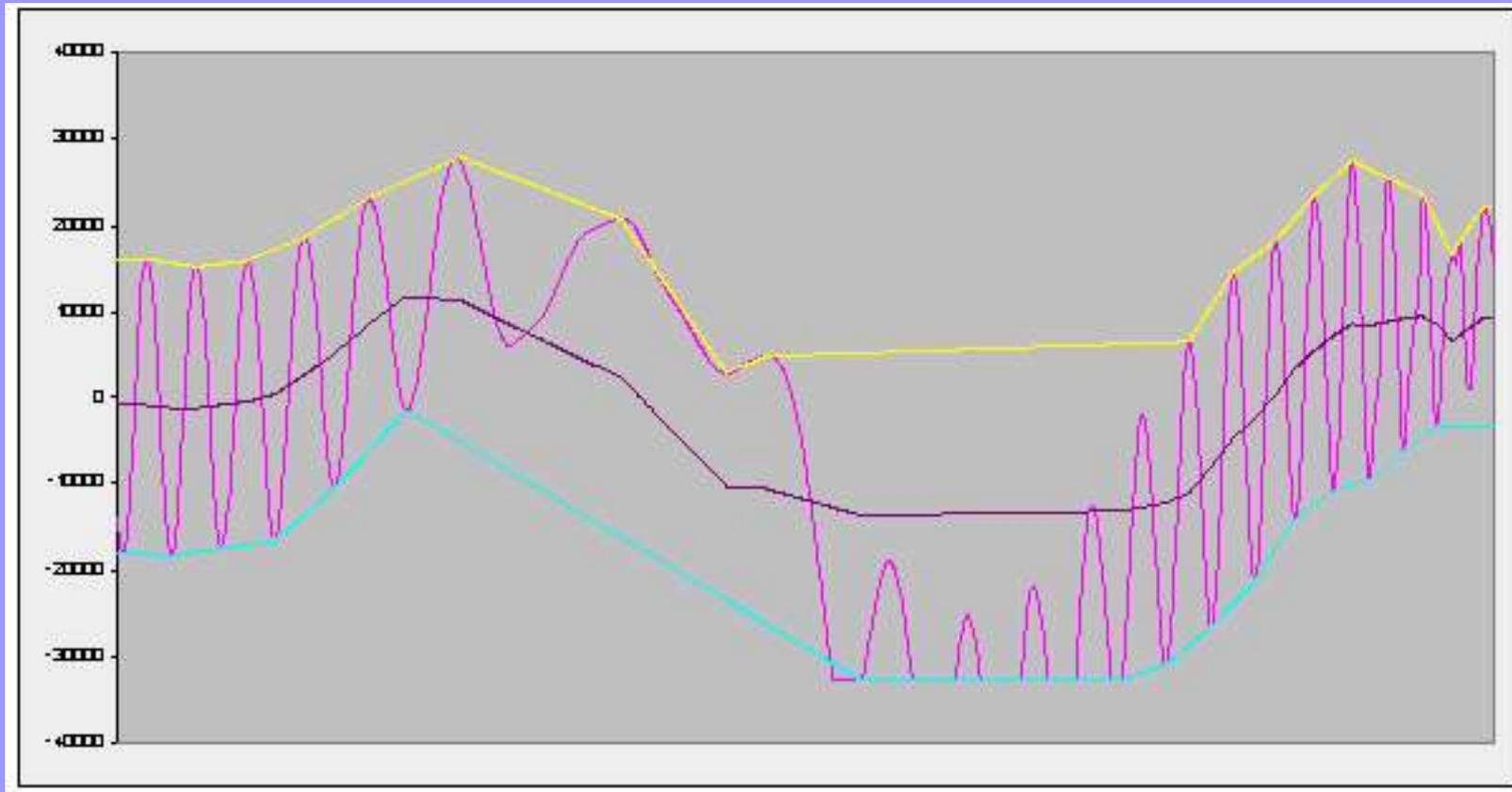
* Scratch



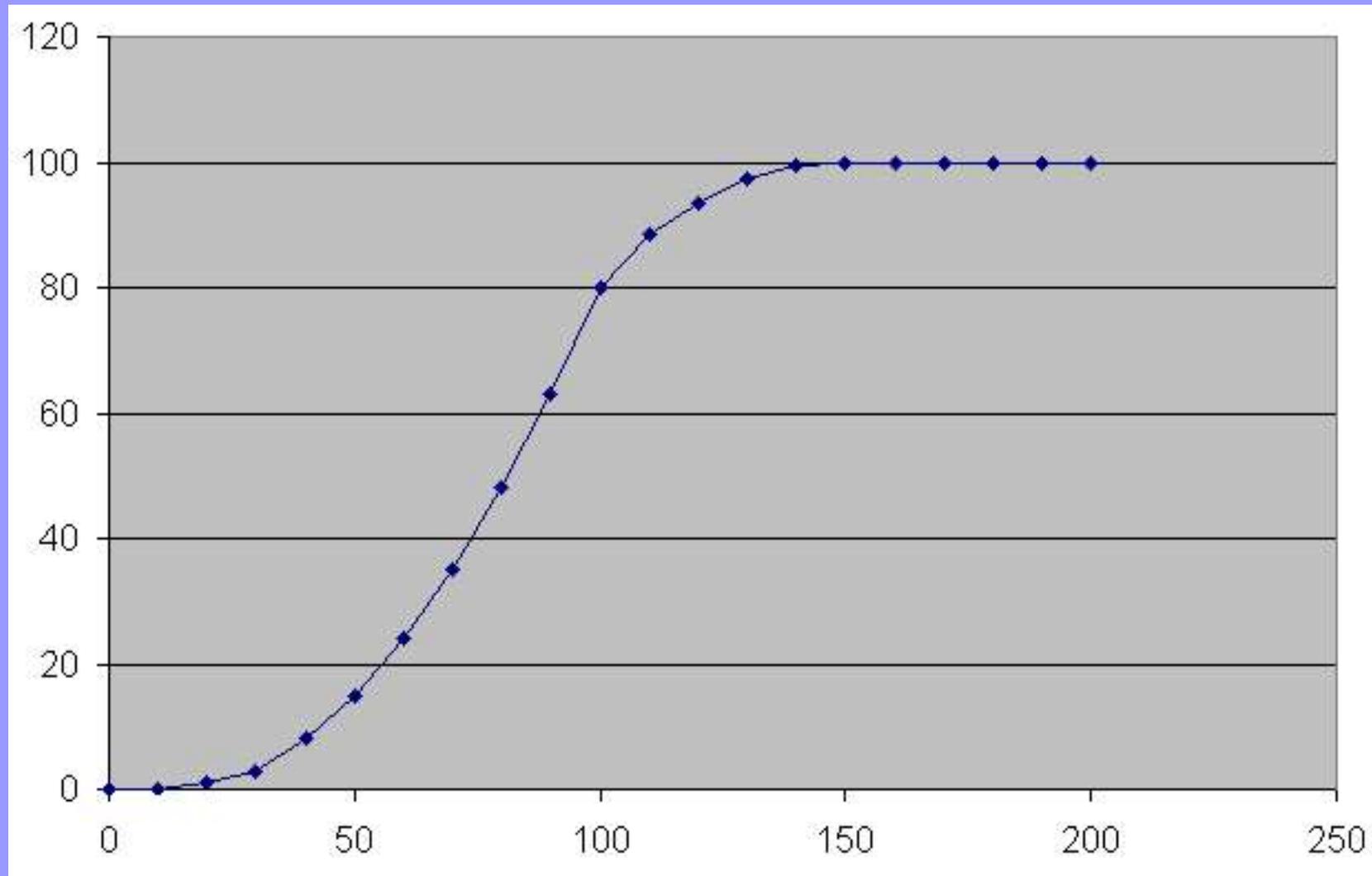
4. Conception >> timecode (8)



4. Conception >> recherche de front



4. Conception \gg volume = $f(\text{vitesse})$

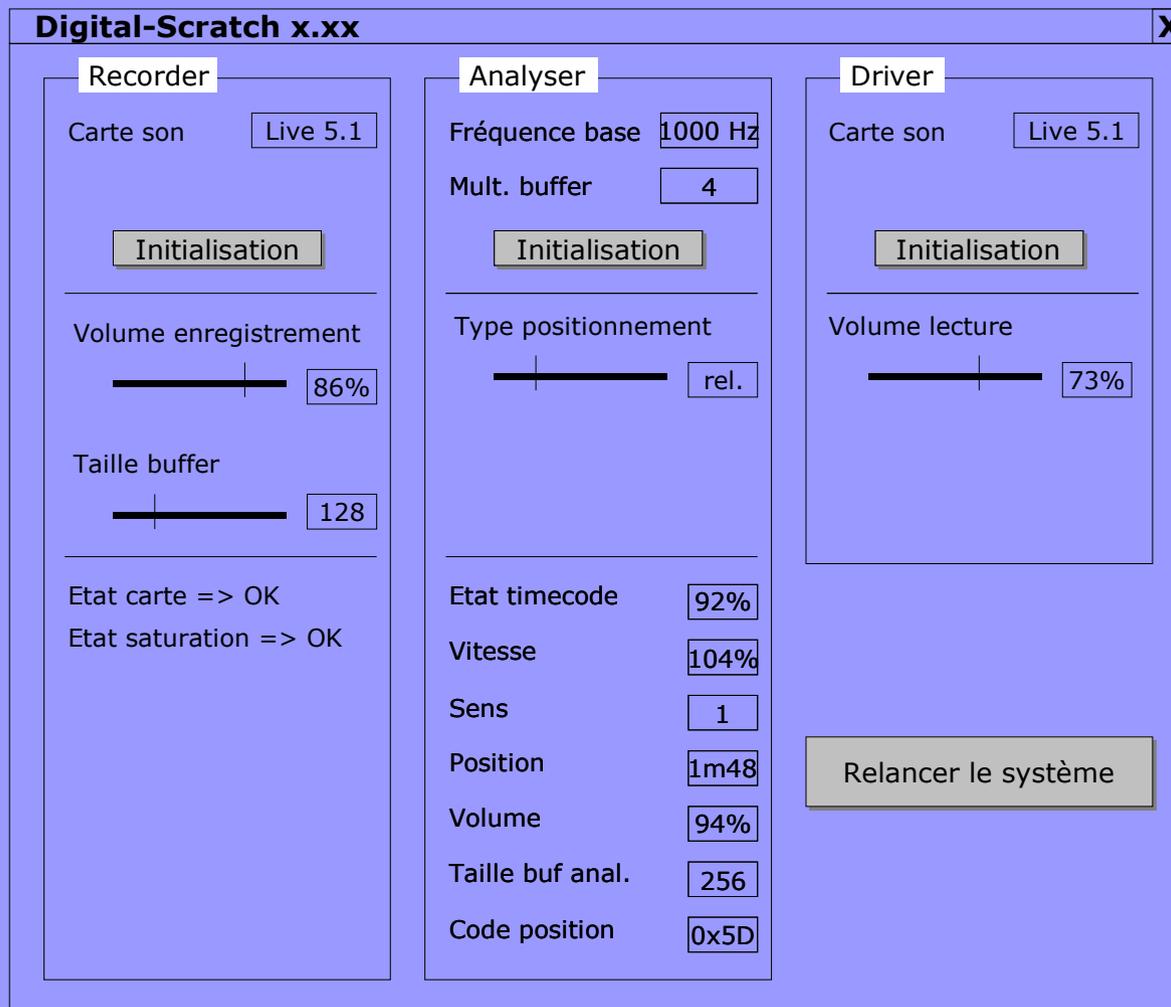


5. Implémentation - Organisation

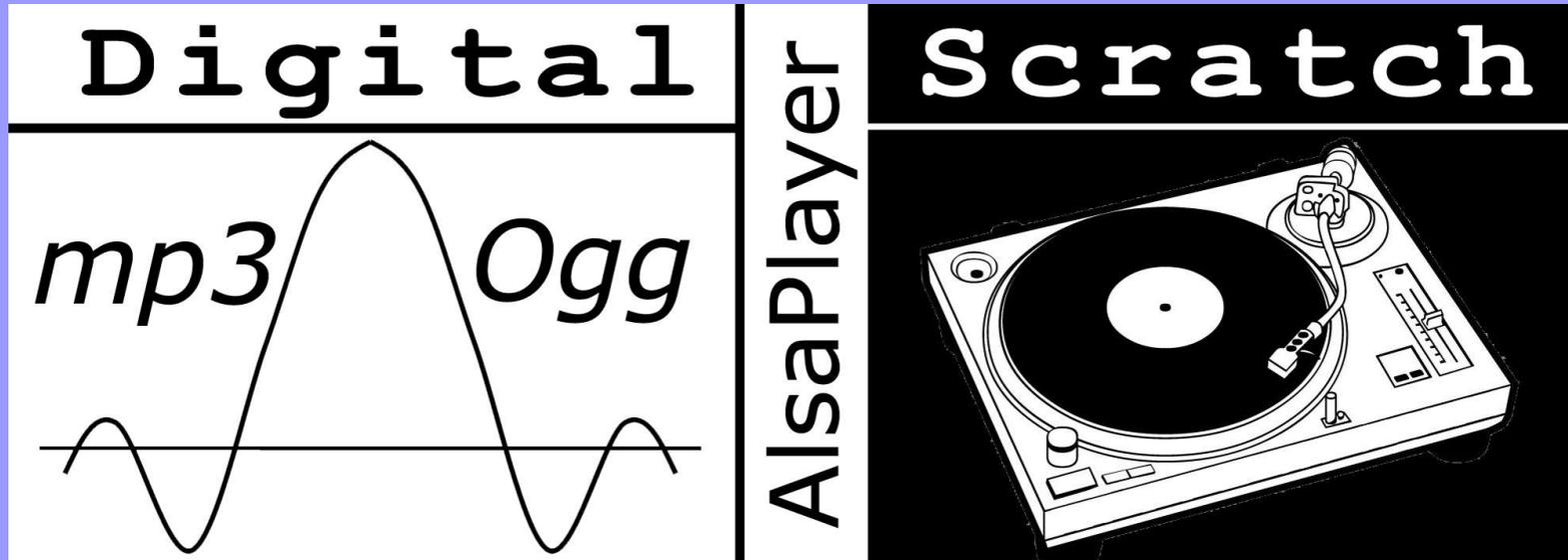
- * Langage de programmation : C++
- * Plateforme : GNU/Linux
- * Drivers carte son : ALSA
- * Player : AlsaPlayer
- * Solution de développement www.gna.org
 - CVS
 - Site internet
 - Mailing list

6. Evolution

* Interface graphique



Digital – Scratch : *le mix digital*



TX5x – Pilotage de fichier audio numérique par platine vinyle

Etudiant : Rosener Julien – P2004

Suiveur : Lacaille Nicolas