Tecnologías Multimedia - Study Guide - Milestone 6: Compressing the audio data with zlib

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1. Description

It's time to reduce bandwidth comsumption. The pack() and the unpack() methods can compress and decompress, respectively, the chunks that are handled. To compress and decompress, we will use a free codec named DEFLATE, which is based on LZSS and Huffman Coding [1].

2. What you have to do?

1. Create a class named `Compress`, that inherits from `Minimal` (the class implemented in the previous milestone), in which the methods `pack()` and `unpack()` are overriden to compress and decompress the chunks. Use the Python's standard library `zlib`. Store this class in a module named `compress.py`.

3. Timming

You should finish this milestone at most in two weeks.

4. Deliverables

The modules `intercom_minimal_zlib.py` and `intercom_inter_zlib.py`. Store them at the root directory of your intercom's repo.

5. Resources

[1] Nelson M. and Gailly J. *The Data Compression Book*. M&T Books, 1996.