resampy: efficient sample rate conversion in Python

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Summary

This package implements efficient, high-quality sample rate conversion using the band-limited sinc interpolation method (Smith 2002). This method supports fast sample rate conversion for long and multi-channel signals. Its functionality and features are similar to `libsamplerate` (Castro 2005), but it differs by having a permissive (BSD-style) license, and it is written in Cython so that it is easier to install and use within larger Python projects.

References

Castro, Erik de. 2005. "Secret Rabbit Code (Aka Libsamplerate)(software)."

Smith, Julius O. 2002. *Digital Audio Resampling Home Page.* https://ccrma.stanford.edu/ jos/resample/.