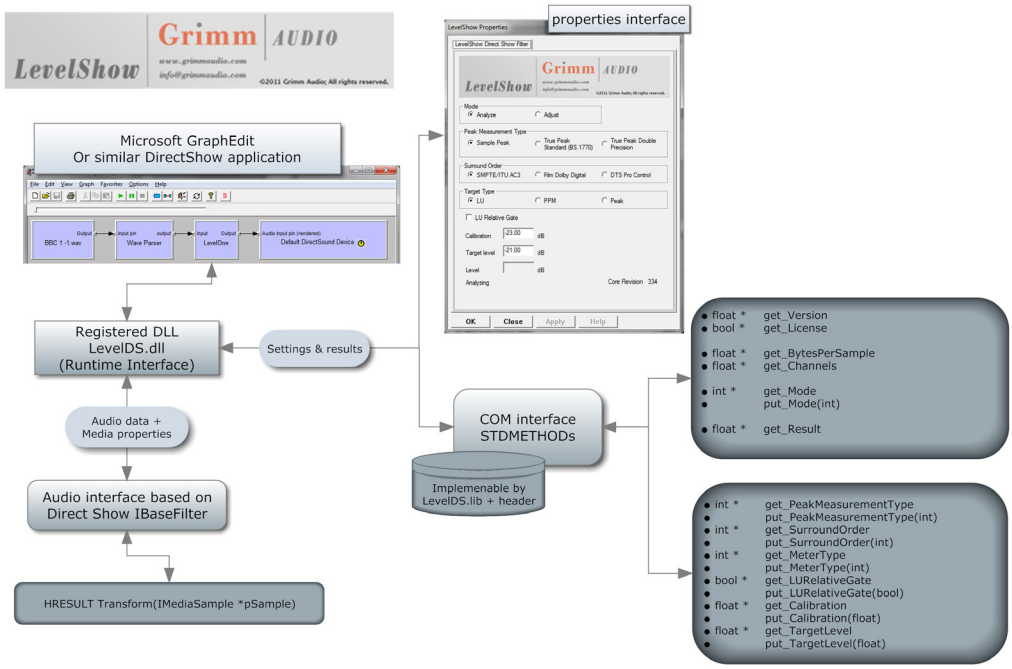
LevelShow

Grimm AUDIO

www.grimmaudio.com
info@grimmaudio.com

EBU R128 loudness control of ingest and archive material is a labor intensive affair when using realtime loudness meters. Grimm Audio developed a Microsoft DirectShow™ filter for SBS Broadcasting, a major Dutch commercial broadcaster. *LevelShow* is easily integrated in any DirectShow Graph. This offers very flexible programming of automatic quality control and loudness normalizing processes.

The task is performed in two steps, first 'analysis' and next 'adjustment'. The analysis filter returns measured loudness and other R128 descriptors. These can be used to set the adjustment filter, and they can be forwarded to a database for logging purpose or metadata level control. The adjustment filter will feature a loudness range compressor and a peak limiter to automatically adjust files that are not compliant to your stations' dynamic range demands. *LevelShow* can be the backbone of all your loudness normalizing tasks.



DirectShow™ R128