

MPEG SMR



SYMBOLIC MUSIC REPRESENTATION



MPEG SMR DECODER FOR MPEG4 PLAYER

www.interactivemusicnetwork.org/mpeg-ahg/
www.i-maestro.org

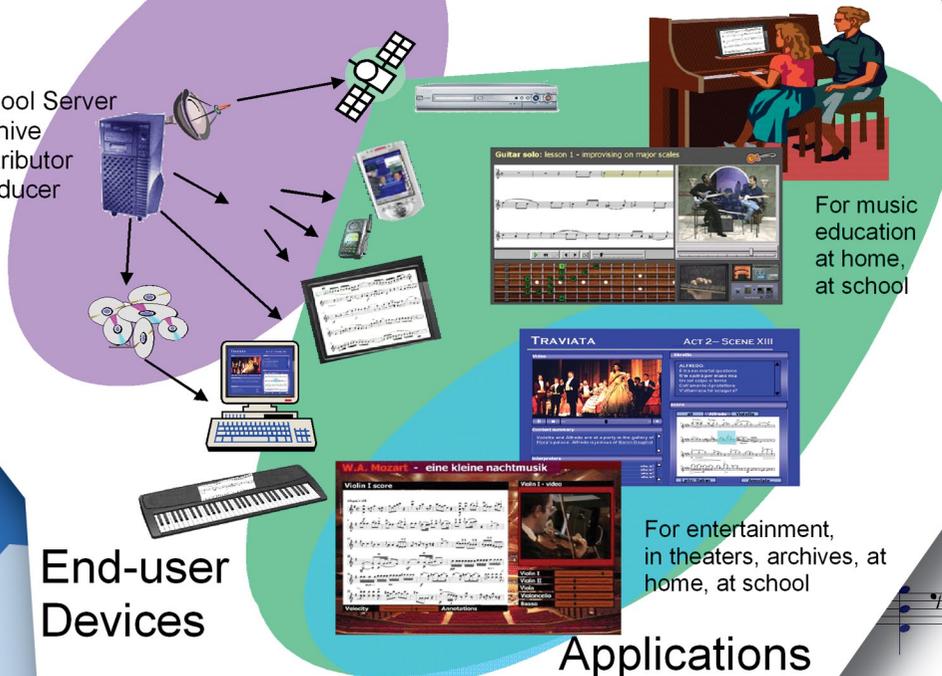
MPEG SMR is an emerging standard part of MPEG-4 as well as an independent standard format for music representation.

For your innovative music content based applications and businesses:

- **New music education** integrating multimedia and music representation
- **New music entertainment** integrating multimedia for navigation and synchronization
- **New music based karaoke**, music subtitles during concerts and operas

Distribution

- School Server
- Archive
- Distributor
- Producer
- ...



End-user
Devices

Applications

MPEG SMR permits the realization of content for exiting music experiences of final-users in which multimedia and music representation take advantage and enrich each other.

Viola

Cel.

The final user has a high interactivity with MPEG SMR:

- Play, stop, pause, ...buttons
- Slider for browsing into the music notation
- Labels to jump at specific points into the music
- Transposition of music notation, to make it readable in different tonality
- Selecting to view the main score, and/or the single part of whole music orchestra
- Edit music representation symbols



Available tools provide support for the realization of your MPEG SMR solution with:

- **Music Editing tools** for producing MPEG SMR from other music notation formats and manually
- **MPEG SMR decoder** which can be integrated into your MPEG-4 decoder
- **MPEG SMR decoder integrated into a simple MPEG-4 player** for demonstrative and test purposes, supporting streaming and file access



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