

Naomitec: European Project looking for partners.

Standard for Symbolic Music

Topic: IST.

Coordinator: IEEE CS TC on Computer Generated Music Communication and Multimedia, iCIMSI – SUPSI.



Project Authorization Request
PAR 1599



Abstract 02002 Music XML has been endorsed

02002 MUSIC XML - A Musical Application Standard Using the XML Language for Intelligent Manufacturing of Music for DVD's, CD's, WEB



Music XML Lite
Supported by the Swiss
IMS Secretariat

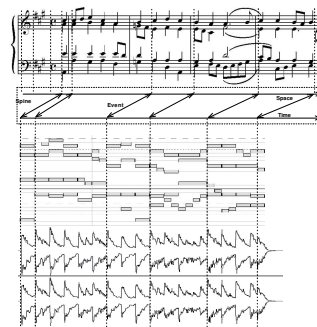
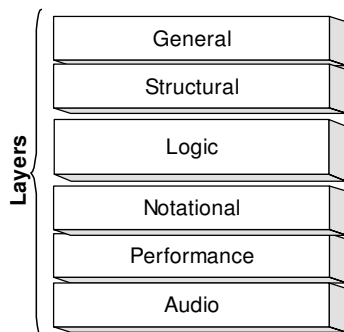


Full Proposal in Preparation - 7 IMS Regions

Technical Highlights of the Standard:

- general, structural, logical, notational, performance and audio layers
- Spine and Logically Organized Symbols
- Provision for representing all musical events and features of Common Western Notation
- Extensibility, backward compatibility

Example: DVD with opera: play, libretto, score,sound, timing, alternative arias, singers, theater

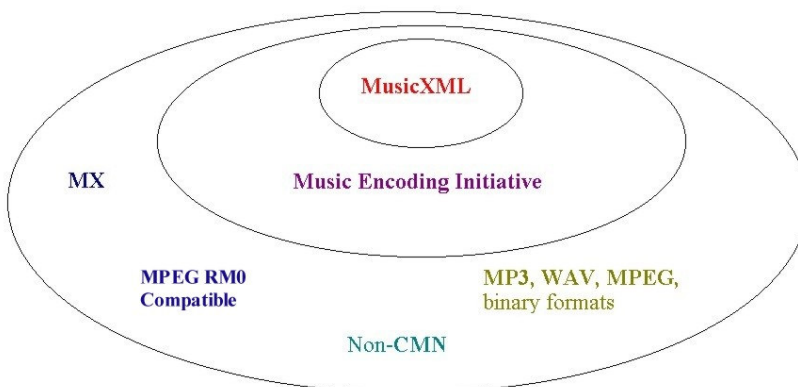


Remember: Music is not just sound!

Existing standards (proposed or de-facto):

SMDL, MEI, Hy Time, SMIL, MusicXML, MusiXML, MusiCat & MDL, WEDELMUSIC Format, MNML, MML, MuTaTeD, MusicML, ChordML

New Standard:



Project Page at the IEEE CS Site:

<http://www.computer.org/standards>

- SAB Sponsored Projects
- Musical Applications Using XML

**An IEEE Standard
for Musical Applications Using XML**

IEEE SAU 1999: Definition of a Commonly-Accessible Musical Application Using the XML Language

IEEE

Project description: This project defines the XML language for musical applications. The language will be used to represent musical notation, musical analysis, and musical performance. It will be used to represent musical notation, musical analysis, and musical performance. It will be used to represent musical notation, musical analysis, and musical performance.

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IMS

Abstract published, 1999, IEEE Computer Society, 1-10, 1999

Abstract published, 1999, IEEE Computer Society, 1-10, 1999

First International Conference MAX2002, Musical Applications Using XML, IEEE CS Conference, September 19-20, 2002

Music XML: Core, Extensions and Profiles for Real-World Music, Project Report for the Music XML Working Group, February 2004

The latest information is available at: www.musicxml.org

Past activities of the IEEE CS TC on CGM

July 1991, IEEE COMPUTER

Published by the CS Press, 1992

CD-ROM on Standards, 1995

Proceedings of the First International Conference MAX 2002 Musical Applications using XML

Proceedings of the First International Conference MAX2002, Musical Application Using XML, IEEE CS Conference September 19-20, 2002

New Projects:

18 | International Herald Tribune
Wednesday, December 15, 2004

BUSINESS | & TECHNOLOGY
INNOVATION

Google turns a new page in library project



Rescuing La Scala's Music Archives

Goffredo Haus, University of Milan



An initiative is under way to save the recordings made at Teatro La Scala since 1951.

Other examples: applications

- generate layers - e.g., from sound to score
- find all piece containing the melody I whistle
- play the pieces with the lowest note of a grand piano