

MUSIC OBJECT ORIENTED DISTRIBUTED SYSTEM



M O O D S for the direct experience

<http://www.dsi.unifi.it/~moods>

M O O D S : an integrated system of computer-based conductor's lecterns and player's stands for cooperative editing and visualization of music. Theatres, orchestras, ensembles, music schools, broadcasting orchestras, recording studios, and publishers of scores can benefit from this innovation for automating and managing the large amount of information used by: (i) orchestras during rehearsals and public performance of concerts, operas, ballets, etc. (ii) student groups during lessons in conservatories and music schools, (iii) publishers during massive editing of music.



Teatro alla Scala, Milan

From traditional to MOODS solution



MOODS frees composers and conductors from mundane, time-consuming tasks, allowing more space for experimenting (instantaneously) new solutions or effects. Therefore it supports an enormously increased level of creative feedback between a conductor and a performing group toward the common goal of effective interpretation of a piece. Perfect environment for music schools of the new age.

MOODS' main features:

- significant reduction of time (hence, costs) needed for modifying main scores and parts during rehearsals;
- interacting with students, for a new experience of music teaching;
- reliable, complete accuracy of inserting changes in all scores and parts;
- possibility of saving details usually never saved up to now by managing (loading, modifying and saving) the instrumental and personal symbols on main score and parts;
- registering and reproducing the performing rate in which each measure of the score has been executed;
- automating the "page turning" (but without annoying on-screen page-scrolling) during rehearsals and performances;
- fast retrieval of scores and parts that currently must be searched in the archive (and often adjusted before being ready for the rehearsals);
- rapid, coordinated restart of pieces from any given point, and rapid alternation or substitution of music pieces;
- immediate visualization of the changes in all the single performing parts shown to musicians;
- WEDELMUSIC tools for distributing music via Internet, www.wedelmusic.org
- in port via WEDELMUSIC tools from several music notation formats: MIDI, Finale, etc.;
- Digital Rights Management, renting, demos, retail, etc.;
- Protection support and versioning maintenance;
- Music editing, transpositions, etc. Integration with images of music scores;
- WEDELMUSIC editor such the full power music data entry of the system.

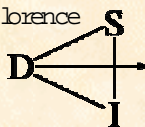
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CESVIT (High-Tech Agency),
Consorzio Pisa Ricerche,
and ARTTIC



Initial Project Partners: Department of Systems and Informatics, University of Florence (Italy); Teatro alla Scala (Milano, Italy), BMG Ricordi (Milano, Italy), Scuola di Musica di Fiesole (Firenze, Italy), Shylock (Venezia, Italy), ELSEL (La Spezia, Italy). With the support of Hewlett and Packard, Italy.