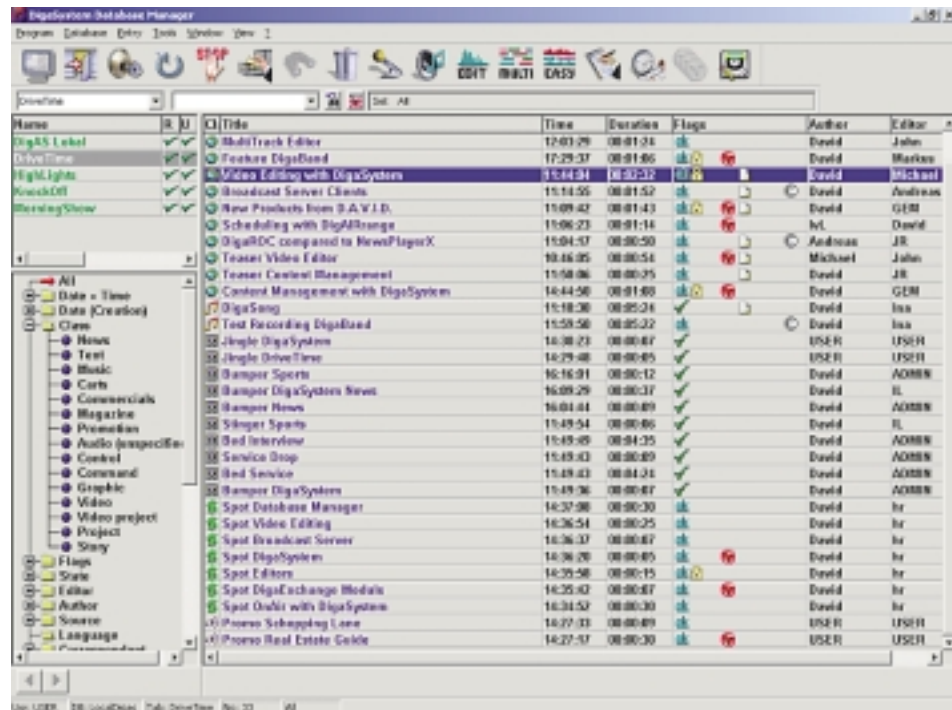# DigaSystem.

Datenbank Manager

Overview

The DigaSystem Database Manager is the main administration and management tool for the DigaSystem workstation. The Database Manager allows users to view, pre-listen, sort, rename, label, categorize, and edit the data of entries stored in DigaSystem. It is also possible to store "virtual" takes (entries which do not yet have a reference to an audio file) and non-audio entries (text data) in the database.

The database entries are organized by various type-specific criteria (e.g. news elements can be sorted by the department name, and jingle elements can be organized into different categories such as bed, transition, station ID, etc.). A number of flags – like state of approval, archive status, delete pro-

tection, etc – are also available for the database entries. Takes can be linked to different types of text, (e.g. presentation script, background information, control remarks etc.).

Predefined and user-definable filters allow selection of specific entries to be displayed in the main window. The display is organized on a line-by-line basis with fully customizable field order and column width.

Complex database queries, (e.g. select all entries in department XY which have been generated since Saturday) can be stored and assigned to user-definable buttons, and multiple filters make full-text searches for unknown titles quick and painless.

The Database Manager

The Database Manager…offers unlimited expansion of the DigaSystem through multi-server architecture and separate databases. Database contents can be separated physically and/or logically, allowing the system to be categorized, without limiting the access across workgroup boundaries in general. This will result in lower traffic on the network backbone since major traffic is routed through local network segments. The Database Manager … works with most SQL database engines via an ODBC interface – MS SQL Server, SyBase SQL, Oracle, etc.

Users are assigned to profiles containing personal access rights to specific functions, areas, and database content (e.g. read-only access for the sports department viewing files in the news department etc.). Administrative functions are handled with a separate tool, allowing the system manager to setup users, groups, access rights, and to oversee system operations.
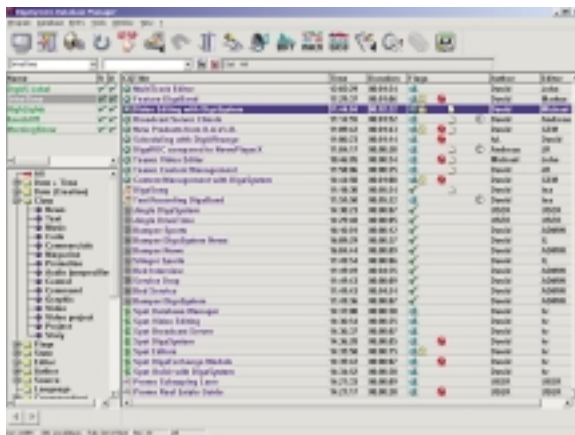
Database Manager

The Database Manager… still contains every management feature from earlier versions, including Playbox, Recorder and Archive. Even the administration of the CartWall – parallel with the CartWall Manager – is possible. News-Scheduler and NewsSchedulerX are available as optional extensions.

Earlier versions of the Database Manager can be easily upgraded to the current version, preserving all data content.

Key Features

- Central database system for the management of audio takes and non-audio elements (stories, schedules, control information etc.)
- Takes organized by class, type, full name, department and numerous other criteria
- Intuitive Windows GUI
- Customizable displays
- Extensive search functions: pre-defined, user-definable, full-text search with filters
- Attribute management such as "Ready for broadcast", "Archive", "Do not delete" and additional color codes
- Two-stage "soft delete" function for extra protection of important files
- Integrated playback, recording and archive functions
- The DigaSystem modules Edigas (single track editor), EasyTrack Editor (three tracks) Multitrack Editor, News-Scheduler, Replicator (automatic transfer between servers over network), Cartwall Manager and DigaTrans (ISDN transfer module) can easily be integrated
- Works with any SQL database through ODBC interface (e.g. MS SQL server, SyBase SQL, Access DB, Oracle etc.)
- Separation of the database into various tables and categories supported
- Support for multi-server architecture
- Automatic audio file conversion with DigaCon
- Customizable display
- 32-bit application for full Windows 95, 98, 2000 or NT support

DigaSystem Playbox

Every audio entry stored in the database is instantly accessible for pre-listening via "Mini Player" or the Playbox page.
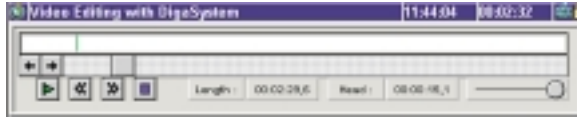
MiniPlayer

The Playbox offers full access to any data field related to an entry and enables the user to set markers for later editing. Operation of the Playbox is simple, with a large tape machine-like interface as the front end. Audio playback is currently supported through PCX cards and most SB-compatible multimedia audio cards.
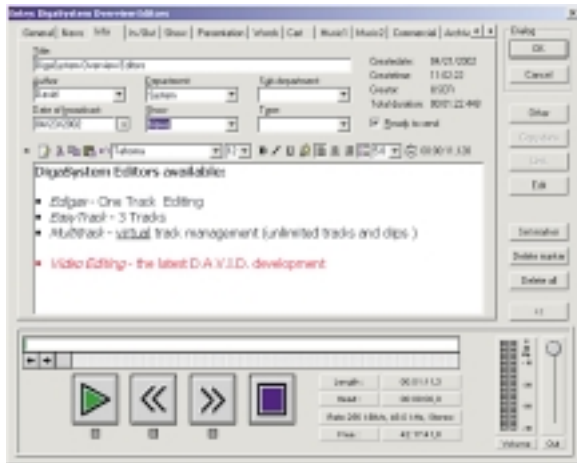

Playbox

DigaSystem Recorder

Instant recording of new audio material at your desktop can be achieved with the DigaSystem Recorder. The Recorder is similar to the Playbox, adding features such Recorder. The Recorder is similar to the Playbox, adding features such as a record button, an input level slider, and input source/data format fields.

The Recorder supports punch-in recording and the setting of markers on the fly for later editing. Several indicators provide information about current input level (peak meter), elapsed recording time and remaining capacity on the recording device.

Data fields can be filled in while recording is still in progress, and any recorded material can be instantly accessed throughout the network, as it is stored directly to the audio server.

The Recorder can also import audio files generated with other applications. The source file format will automatically convert the audio into the currently selected recording format (e.g. WAV, MPEG, AIFF, BWF).
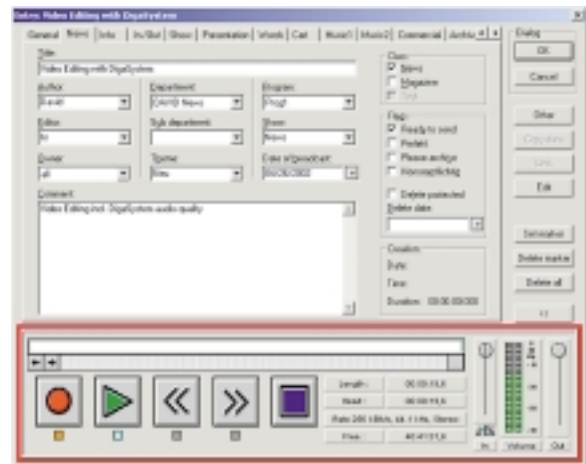

Recorder

Features

- Recording tool with full tape functions: Play, Pause, Stop, Record, and Forward & Reverse Cue
- Virtual faders for monitoring level and recording level when connected to a mixing console
- Segmented level meters
- Display of current recording length and available record time
- Keyboard shortcuts for quick operation
- Punch-in during playback
- Insertion of synchronization points during record and playback for later editing
- Instant preview of audio during recording process
- Analog and digital sources accepted
- Recording formats: MPEG/ linear, 16/32/44.1/48 kHz, mono/stereo/joint stereo
- Optional hardware controller support

DigaSystem NewsScheduler

The NewsScheduler is an optional software module for the Database Manager. It is functionally identical and downward compatible to earlier NewsScheduler versions.

The NewsScheduler provides an efficient and easy way to lineup "broadcast-ready" takes for news-casts and feature shows for the DigaSystem NewsPlayer1, NewsPlayer2, NewsPlayer4 or CartPlayer4.
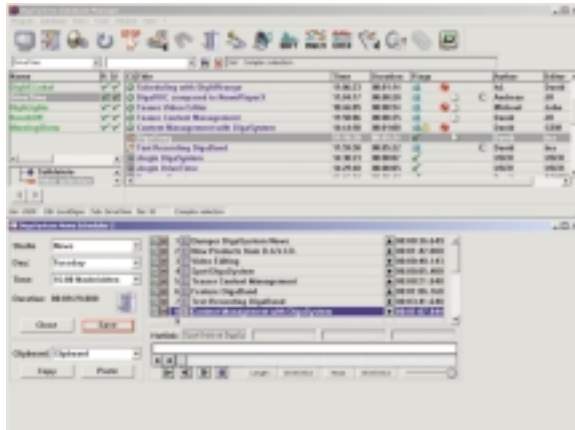
Sendeplanung unter Datenbank Manager

Features

- Intuitive and easy-to-use interface for managing all "broad-cast-ready" takes in the DigaSystem database
- Simple drag & drop operation
- Simple copy & paste of complete transmission schedules
- Takes definable as stop or continue (stopping the scheduler after playback or automatic playback of the next file)

- On screen management of the last words (text) allow smooth transition to the follow-up announcement
- Pre-listening of all elements
- Schedule framework freely customizable via definitions file
- Multiple studio schedules can be controlled from one workstation.
- Up to 4 HotLink takes (breaking, unplanned) can be moved into any position of a NewsPlayer4 play list

NewsSchedulerX

The optional software module NewsPlayerX is based on XML data structure and allows the compilation of play lists consisting of entries in any combination (news, advertisement, format elements etc.). Play lists can be created and edited with help of „Day Grids" and „Templates" which can be designed or edited with the NewsSchedulerX as well. Jingles can be grouped and assigned to any show. The completed play list can even be used as a new template for other shows through the „Copy" command
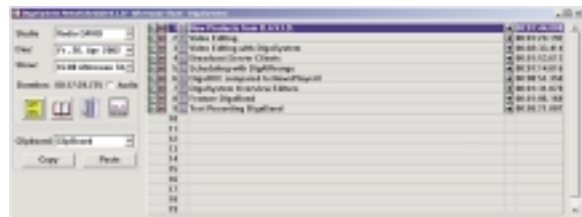
NewsSchedulerX

Furthermore an editing function for audio and text entries and a show preview are integrated. The shows are played out with the modules NewsPlayerX, NewsPlayer X/1, News-Presenter or CartPlayer4.

DAVID
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Digital Audio & Video System Integration & Development

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