Read Before Installing Multimedia Services for Digital UNIX V1.6 for Digital UNIX

Dear Multimedia Services Customer:

Thank you for purchasing Multimedia Services for Digital UNIX [TM] Runtime or Development kit for your Alpha system. The runtime (QL-20Y**-**) or development (QL-20Z**-**) license entitles you to software and documentation for Digital UNIX systems.

This new version includes the following:

- Support for the FullVideo Supreme JPEG video card (AV321) with JPEG support on the AlphaStation workstation.
- Support for two FullVideo Supreme and FullVideo Supreme JPEG boards in a single system, including heterogeneous support.
- The Indeo software codec now supports the streaming ICM interfaces.
- Improved throughput for the Sound and Motion J300 and FullVideo Supreme (AV301) devices. This should help overall performance for applications that perform multiple types of concurrent operations, such as teleconferencing applications.
- The Indeo compressor can now compress 24-bit Ximage data.
- The JPEG software codec can now render YUV and YVU9 data to 8-bit Ximage data through the ICDecompress interfaces.
- Expanded the API for videoSetFieldMode and videoGetFieldMode with field mode dominance support.
- Enhanced *audioplay* to play back RIFF AVI files that contain audio data.
- Modified *avirecord* to do software compression in the post processing phase. It captures YUV or YVU9 data up front, and then when the file is being written out in AVI file format, it will compress as well. This allows users to record synchronized audio and compressed video data when using the FullVideo Supreme (AV301) option card.
- Enhanced *DECsound (decsound)* with some new features:
    - Added *-device* command line option to allow audio device selection

    - Expanded wave file support for various sample rates and formats
- *Audio Control* supports variable formats for VU meter.
- Enhanced *AlphaVCR (alphavcr)* with a variety of new features:
    - Play File automatically differentiates an AVI file from an MPEG file
    - Variable video window sizes
    - Record rate selection and record statistics
    - Improved performance for playing files, especially with Software JPEG
    - Decompression device selection for Play File

For more information about this release, see the *Multimedia Services for Digital UNIX Release Notes*.

Product Contents on the Binary and On-line Documentation Compact Discs

Multimedia Services for Digital UNIX Runtime and Development products are distributed on the Digital UNIX Layered Products Software Binaries CD-ROM. The *Multimedia Services for Digital UNIX Programmer's Guide* is distributed on the Digital UNIX Layered Products On-line Documentation CD-ROM in Bookreader [TM] format.

- Multimedia Services for Digital UNIX Runtime Software

  Multimedia Services for Digital UNIX Runtime includes the runtime environment to support the software JPEG and Indeo compressor/decompressor, built-in audio and the Sound and Motion J300 for DEC 3000 workstations, the FullVideo Supreme for the AlphaStation workstations, and the Microsoft Sound Board for the EISA and ISA bus machines.

  The following subsets are installed for the runtime product:

  ```
  MMEDRVPCI160     FullVideo Supreme (AV321/AV301) Device Driver V1.6
  MMEMSB160        Microsoft Sound Board Device Driver V1.6
  MMERELNOTES160   Multimedia Services Release Notes V1.6
  MMERT160         Multimedia Services Runtime V1.6
  MMEMANRT160      Multimedia Services Runtime Man Pages V1.6
  MMERTSMPLDAT160  Multimedia Services Sample Audio & Video Data V1.6
  MMEDRV160        Sound and Motion J300 Device Driver V1.6
  ```

  PostScript [TM] (.ps) and ASCII text (.txt) product documentation are located in the mme160/documentation directory:

  ```
  MME160_IGUIDE          Multimedia Services Installation Guide
  MME160_RELEASE_NOTES   Multimedia Services Release Notes
  MME160_CVRLET          Multimedia Services Cover Letter (this document)
  MME160_SPD             Multimedia Services Software Product Description
  ```

  The runtime kit uses the "man page" documentation listed above as well as the *Multimedia Services for Digital UNIX Run-Time Environment Guide* in on-line documentation format. The Run-Time Environment Guide is also available separately in hardcopy (QA-20YAA-GZ).

- Multimedia Services for Digital UNIX Development Software

Multimedia Services for Digital UNIX Development includes the full development environment to write applications that use the software JPEG and Indeo compressor/decompressor, built-in audio and the Sound and Motion J300 for DEC 3000 workstations, the FullVideo Supreme for the AlphaStation workstations, and the Microsoft Sound Board for the EISA and ISA bus machines.

The development kit requires all the subsets listed in the runtime product above plus the following subsets:

```
MMEDEV160             Multimedia Services Development V1.6
MMEMANDEV160          Multimedia Services Development Man Pages V1.6
```

The development kit uses the "man page" documentation listed above as well as the *Multimedia Services for Digital UNIX Programmer's Guide* in on-line documentation format. The Programmer's Guide is also available separately in hardcopy (QA-20ZAA-GZ).

Again, thank you very much for purchasing this software.

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