

Working with digital video: understanding MPEG

Instructor

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Instructor resume

Dr. Andrew Spink is manager of the services department at Noldus Information Technology. He is one of Noldus' most experienced trainers and is also responsible for the technical support on Noldus products delivered to customers worldwide. Before working for Noldus he had ten years of experience in biological research. Douwe Achterkamp, a software engineer with special expertise in this area, will also be on hand during the tutorial to answer more technical questions.

Duration

90 minutes

Benefits

The participants will learn the difference about the different formats for digital video (especially MPEG-4); when to use what format, what settings to make, etc. A number of tools for working with video files will be demonstrated. The aim is to enable participants to overcome the practical difficulties with working with this technology.

Features

The session will cover:

- Digital media formats (MPEG-1, 2, 4, DV-AVI, wmv, etc)
- MPEG-4 and its variants (DivX, XVID)
- Using digital media with The Observer
- Using digital media with EthoVision
- Tools (VirtualDub, Super, DivX converter, G-spot)

Audience

The tutorial is aimed at people who make and use digital video for observing behavior, tracking animals etc, and who want to find their way in the maze of different formats and standards surrounding digital video.