Transport Compression for Multimedia Files

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Technology description

The Transport algorithms enables users to convert computer actions and videos totext files, thereby enabling rapid communication, storage, transmission, and playback while using minimal computer and network resources. These files are 80% less than those compressed with technologies on the market such as avi, .mov, etc. Any program that generates image, video, and text content, including standard office programs, and advanced business and engineering programs, and games, can be written using the Transport algorithms.

Details:

Dr. Georges Touma, from the Faculty of Education developed the Transport technology for use in an education software called iCours.Dr. Touma’ s education students have enthusiastically adopted this technology, with the majority of students choosing to hand assignment in as rich content files, rather than standard MS Word papers. The technology provides the following benefits:

Application area

The system allows lessons to be developed, delivered, recorded, and shared real time or at a later date.

Advantages

Real time video sharing and recording with minimal resource usage
files of 100K compared to 19.1 MB with competition.
Interactive
real time sharing allows for an interactive distributive environment.
Ease of implementationinto software. Algorithms can be written into most programs.
Implementation on a variety of devices, including PC’ s, tablets, phones, and interactive whiteboards.
Compatible with widely used environments (OERB, WebCt, Moodle, Blackboard Vista, email, chat applications (Skype, MSN Messenger, Yahoo Messenger, etc.), and social networking platforms (Facebook, Twitter, etc.).

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