

A Method and Apparatus for Converting Video to Multiple Markup-Language Presentations

Abstract

A system is described for converting full motion video (102) into multiple markup language (HTML, WML, BHTML) presentations (140) targeted to different devices (144-152) and users. The markup language presentations (140) consist of different combinations of important visuals, audio and transcript of the full motion video (102), depending on the audio and visual/text display capability of the devices (144-152) and the user's requirements (112, 116). The important visuals are keyframes selected (118) from the video (102) based on significance measure (114, 112) associated to different segments in the video (102). The combinations of audio, visuals and transcript can be played in a synchronous/asynchronous manner. The user can control the rate of visuals and transcript displayed.

FIG. 1