A USER-ORIENTED MULTIMODAL INTERFACE FRAMEWORK FOR GENERAL CONTENT-BASED MULTIMEDIA RETRIEVAL (WedAmPO1)

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**Abstract:** Since the complexities of multimedia and uncertainties of user’s demand, content–based multimedia retrieval has intrinsic requirements for multimodal–interface for media–content interactions. A user–oriented multimodal interface frame is proposed. Through integration of knowledge–based conduction, semantic concepts learning, natural language processing, and users’ profiles analysis, the proposed frame can establish the basis for design and implementation of general CBR systems with inter–operability, extensibility and condensability.